



User's Guide

For Open System and Dedicated Devices

Chat Fusion™ 8 · 1st Generation

Chat Fusion™ 10 · 1st Generation



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For open system and dedicated devices

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Table of Contents

Welcome to Chat Fusion	13
What's Included	14
Chat Fusion 8 Device Features	15
Chat Fusion 8: Front View	15
Chat Fusion 8: Left Side Features.....	16
Chat Fusion 8: Right Side Features.....	17
Chat Fusion 8: Back View	18
Chat Fusion 10 Device Features	19
Chat Fusion 10: Front View	19
Chat Fusion 10: Left Side Features.....	20
Chat Fusion 10: Right Side Features.....	21
Using Menu, Back, and Home	22
Charging the Device Battery	23
Chat Fusion 8: Charging the Device Battery using the Charge Pad	23
Chat Fusion 10: Charging the Device Battery using the Charge Pad	26
Charging the Device Battery using the Standard Charger.....	29
Checking Battery Status	30
Checking Battery Status Using Menus	30
Checking Battery Status Using a Button	30
Turning the Device On and Off	32
Controlling Volume	34
Adjusting, Removing, or Reattaching the Stand	35
Adjusting the Stand.....	35
Removing the Stand.....	36
Reattaching the Stand.....	36
Removing the Handle	37
Removing or Replacing the Device Frame	38
Replacing the Wheelchair Mounting Plate	40
Attaching a Strap	42
If You Received Metal Rings with Your Strap	43
If You Received Loops with Your Strap	44
If a ChatPoint Unit is Mounted on your Device	45
Using the Touchscreen	46

Using the Stylus	46
Cleaning and Disinfecting Your Device	47
Routine Cleaning and Disinfecting	47
Disinfecting a Device for Use by Multiple Clients	47
Using the Home Screen	49
Using the Status Bar.....	49
Adding Shortcuts.....	49
Opening and Closing the Application	50
Using the Application Screen	50
Using the Speech Display Bar (SDB)	51
Changing Functional SDB Settings	52
Changing SDB Style Settings	52
Using Application Menus	53
Choosing a Vocabulary File	54
Evaluating an Individual’s Ability to Select Buttons	54
Considering the User’s Access Capabilities	58
Considering the User’s Cognitive Capabilities.....	58
Additional Considerations.....	59
Exploring Vocabulary Files	60
Available Vocabulary Files	61
WordPower.....	61
WordPower20 Simply	61
WordPower25 Touch & Scan	61
WordPower42.....	62
WordPower42 Basic.....	62
WordPower48.....	62
WordPower60.....	62
WordPower60-Basic	62
WordPower80.....	63
WordPower108.....	63
WordPower108 with Keyboard	63
WordPower140 Scan & Touch.....	63
4-Basic.....	63
Basic Scan.....	64
Communication Journey: Aphasia	64

Intermediate Scan.....	65
MultiChat 15	65
myCore.....	66
myQuickChat.....	66
Spelling	66
VocabPC.....	66
Installing, Setting up, and Using Chat Editor	67
Installing Chat Editor.....	67
Configuring Chat Editor.....	68
Enabling Speech in Chat Editor	69
Opening Chat Editor.....	69
Using Vocabulary Files with Chat Editor	69
Device and Editor Differences.....	70
Setting Chat Editor’s Screen Orientation	70
Using Chat Editor to Create Instructional Materials	71
Turning Edit Mode On	72
Creating a Customized Vocabulary File	73
Creating a Copy using the Device in Edit Mode	73
Creating a Copy from the Device Library	73
Creating a Copy using Chat Editor.....	73
Modifying Button Text	74
Displaying the Button Text to Edit	74
Editing the Button Text.....	75
Using Images with No Text	75
Adding or Modifying a Button Image.....	76
Finding an Image from the Device Library	77
Searching for an Image in the Device Library.....	77
Creating Your Own Image	78
Using an Existing Image	79
Transferring Images.....	80
Hiding Buttons	80
Hiding a Button	81
Hiding or Showing Multiple Buttons	81
Saving Hidden Button Settings.....	82
Hiding and Showing Button Images	82

- Modifying Button Styles83**
 - Modifying a Button Style 83
 - Modifying Button Color Saturation..... 84
 - Overriding a Vocabulary Button Style..... 84
 - Overriding a Page Button Style 85
 - Overriding a Specific Button’s Style 85
- Modifying a Button Arrow Link.....86**
- Adding or Modifying a Button Action87**
- Available Button Actions88**
 - Using Navigate, Visit, and Jump to Page..... 94
- Copying Buttons95**
 - Copying and Pasting a Button 95
 - Copying and Reusing the Same Button 95
 - Copying and Pasting a Button Style 95
 - Using a Button in Multiple Places 95
- Prioritizing Buttons96**
 - Rearranging Buttons 96
 - Resizing a Button 96
- Working with Button Sets97**
- Creating a Page99**
 - Creating a New Page 99
 - Creating a Copy of a Page 99
 - Creating a Page from a Template 99
 - Copying a Page from a Different Vocabulary File 100
 - Animating Page Transitions 100
 - Adding a Grid to Pages..... 100
 - Overriding a Page Style 101
- Working with Special Pages.....102**
 - Changing Your Home Page..... 102
 - Setting an Imported Texting Page as a Special Page..... 103
 - Setting a Special Page as Your Home Page 104
- Creating a Visual Scene.....106**
 - Create a Linking Button..... 107
 - Create a Visual Scene Page 108
 - Add a Transparent Button to the Visual Scene Page 110

Modify a Button's Actions.....	113
Alternative: Create the Scene and then the Linking Button	114
Create a Visual Scene with Buttons Surrounding the Image.....	115
Using Keyboards.....	116
Choosing a Different Keyboard	116
Linking a Button to a Keyboard.....	116
Working with Gestures.....	117
Turning Gestures On or Off.....	117
Creating a Gesture for a Page	117
Creating a Gesture for All Pages	118
Working with Speech	118
Selecting a Synthesizer and Voice.....	118
Adding a Pause between Words	119
Adding Words to the Pronunciation Dictionary.....	119
Configuring Speech Modes	120
Adding Acapela Vocal Smileys	121
Adding a Sound	121
Adding an Exclamation	121
Finding a Vocal Smiley	121
Example: Add a Smiley Face and Laugh Sound to a Button	122
Setting Access Options	123
Activating Buttons on Touch or Release	123
Setting a Time for Button Activation.....	123
Setting a Time to Prevent Selection of a Button Twice.....	124
Setting up a Beep when a Button is Pressed.....	124
Setting up a Visual Indication when a Button is Selected	124
Configuring Pop-up Speech to Develop Literacy Skills	126
Changing Device Orientation Settings.....	127
Changing Orientation Settings	127
Using Orientation Tilt with the SDB	128
Setting up Switch Scanning.....	129
Configuring Switches	130
Setting up a Bluetooth Keyboard	131
Setting up Touchscreen Scanning	132
Selecting the Scan Pattern	132

Using Linear Scan Mode.....	133
Using Linear Scan Mode with a Single Switch.....	134
Using Linear Scan Mode with Two Switches.....	134
Using Row/Column Scan Mode.....	135
Using Block Scan Mode.....	136
Using Flow Scan Mode.....	137
Optimizing Block and Flow Scans.....	138
Configuring Speech Display Bar (SDB) Scans.....	139
Configuring Notification Scans.....	140
Configuring Empty Area Scans.....	140
Setting Scan Timing.....	140
Configuring Re-scans.....	141
Setting Activation Delay.....	141
Turning on Auto Restart.....	142
Setting Auditory Prompts.....	142
Choosing a Voice.....	144
Configuring Custom Scan Patterns.....	145
Opening the Scan Editor.....	145
Working with Groups and Subgroups.....	146
Using the Scan Editor Menu Options.....	147
Creating a Custom Scan Pattern.....	150
Deleting a Custom Scan Pattern from One Page.....	153
Deleting a Custom Scan Pattern from All Pages.....	154
Setting up Headpointing.....	155
Mounting the ChatPoint Unit.....	155
Viewing Tracking Status.....	157
Configuring Headpointing Settings.....	158
Turning Headpointing On or Off.....	160
Using Target Dots.....	160
Setting Dwell Time.....	160
Setting Horizontal Adjustment.....	161
Setting Vertical Adjustment.....	161
Refining Horizontal and Vertical Adjustment.....	162

Configuring Pointer Visual Effects.....	163
Setting the Pointer’s Opacity	164
Setting the Pointer’s Color	164
Setting the Pointer’s Size	165
Setting the Pointer’s Shape.....	165
Hiding the Pointer	165
Showing or Hiding Headpointing Popup Menus.....	166
Configuring the Rest Area.....	167
Configuring the Advanced Headpointing Settings	168
Setting Smoothing.....	169
Setting the Dwell Method	170
Dwell Method: Normal	171
Dwell Method: Clicker-Picker.....	172
Dwell Method: Sir Dragalot	173
Dwell Method: Tick-Talk	174
Setting Secondary Dwell Time	175
Headpointing with Manual Switch Activation.....	175
Turning Averaging On or Off.....	176
Showing or Hiding Averaging Details	176
Positioning the User and the ChatPoint Unit.....	176
Positioning the User.....	176
Positioning the ChatPoint Unit.....	177
Cleaning the ChatPoint Unit	177
Configuring Visual Effects for Scanning, Headpointing, or Touch Access	178
Using Word Finder.....	180
Setting up Word Finder.....	180
Finding Specific Words.....	181
Setting up and Using Word Prediction	182
Selecting the Type of Word Prediction	183
Choosing the Default Dictionary	184
Adding Words using the Add Learned Words Screen	185
Adding Words by Entering them in the Vocabulary.....	186
Requiring Review of New Prediction Words.....	186
Reviewing New Words for Prediction	187
Excluding Words from Prediction	188

Importing Predictions	189
Deleting Prediction Words	190
Adding, Modifying, and Deleting Abbreviations.....	192
Enabling Automatic Capitalization	192
<i>Open System Devices: Restricting Access – Chat Fusion 8.....</i>	193
Blocking Access to Chat Fusion 8 Application Settings	193
Blocking Access to Chat Fusion 8 System Settings	193
Blocking Access to Chat Fusion 8 Application Settings and System Settings	194
<i>Open System Devices: Restricting Access – Chat Fusion 10.....</i>	195
Blocking Access to Chat Fusion 10 Application Settings	195
Blocking Access to the Operating System and Apps	195
Blocking Access to Application Settings, the Operating System, and Apps	196
<i>Dedicated Devices: Restricting Access.....</i>	197
Blocking Access to Application Settings	197
Creating and Loading Profiles	198
Creating a Profile	198
Loading a Profile	198
Deleting a Profile	199
Restoring Default Profile Settings	199
Changing Languages and Voices	199
Changing Display Settings.....	200
Setting the Date and Time	201
Changing Date and Time Settings	201
Creating a Date/Time Button	201
Adding Audible Feedback	202
<i>Open System Devices: Analyzing Language Development</i>	203
Using the Realize Language Website	203
Creating a Privacy Password	204
Turning Data Logging On or Off	204
Uploading Data for Analysis.....	205
Configuring Data Uploading.....	205
Selecting a Person.....	207
Setting up Automatic Data Uploads.....	208
Initiating an Immediate Data Upload.....	208
Saving Data to a File to Analyze Manually	208

Clearing Usage Data	210
Changing or Removing Your Privacy Password	211
Dedicated Devices: Analyzing Language Development.....	212
Using the Realize Language Website	212
Creating a Privacy Password	213
Turning Data Logging On or Off	213
Saving Data to a File to Analyze Manually	214
Taking Pictures	216
Creating and Using a Camera Button	217
Setting up the Button Action	217
Taking a Picture for Your button	217
Deleting Photos.....	218
Updating the Application	219
Backing Up Your Vocabulary Files.....	221
Backing Up Customized Vocabulary Files to a USB Drive.....	222
Transferring Vocabulary Files between Your Device and Chat Editor	227
Making a Backup Copy of the Library of Vocabulary Files on Your Device	229
Clearing Custom Vocabularies and Settings	230
Clearing Custom Vocabulary.....	230
Restoring the Default Settings	230
Deleting All Custom Vocabularies and Settings	231
Removing Downloaded Apps and Files	232
Setting up and Using Texting	233
Installing the ChatSMS Application on Your Phone	234
Connecting Your Chat Fusion Device to Your Phone	235
Using Texting in a Default Vocabulary File.....	237
Copying the Done Button to a Different Page	237
Adding a Button with the “Done” Action to a Page	237
Adding Texting to a Customized Vocabulary File	238
Using a Different Texting Keyboard Page	239
Deactivating or reactivating Texting	240
Increasing the Size of the Speech Display Bar (SDB)	240
Creating a Contact on Your Phone	241
Adding a Contact from a Received Message.....	241
Composing and Sending a Message.....	243

Speaking a Text Message	246
Copying a Text Message	247
Creating a Draft Message (to finish later)	249
The Role of Conversations when Creating a Message	250
Deleting Conversations and Messages	250
Using the Back icon with Texting	251
Viewing Notifications	252
Advanced Texting Setup	253
Adding a Webhook Event to a Button	255
Terms Used in This Section	255
Adding a Webhook Event	257
Viewing Webhook Examples	258
Troubleshooting	259
Care and Maintenance	264
Warranty: Open System Devices	265
Warranty: Dedicated Devices	266
Appendix A: Advanced Grammar Features	267
Identifying Parts of Speech	267
Creating a Grammar Rule Button	269
Using Dynamic Grammar Labels	271
Using Your Grammar Rule Button	272
Clearing a Grammar Rule	274
Appendix B: Safety and Compliance Information	275
Index	279

Welcome to Chat Fusion

This user's guide offers step-by-step instructions for setting up and using your Chat Fusion™ device. Additional information and support are available.

Support articles can be found on the Saltillo website:

<http://saltillo.com/support/>

Training opportunities can be found on the Saltillo website:

<http://saltillo.com/webinars>

Saltillo Operational or Technical support:

If you need assistance in setting up, using, or maintaining your Chat Fusion device or if you experience problems, please contact us by phone or email.

Phone: 1-800-382-8622

Email: service@saltillo.com

Trouble Tickets:

<http://saltillo.com/tt/>

Realize Language™ website support:

support@realizelanguage.com

What's Included

The following were included in your Chat Fusion package.

Your Chat Fusion Device



Battery Charger – Standard



Charge Pad



or

Charge Pad



Additional Items

Extra device frame
Rings to attach strap
First Steps document

USB cable
Stylus
Quick Reference Guide

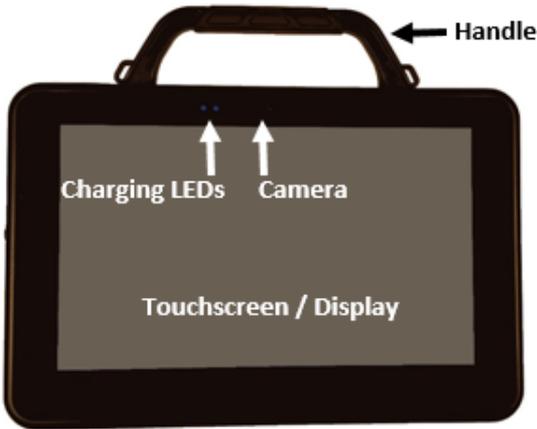
Chat Editor installation DVD
Chat Fusion 10 recovery disc
User's Guide

Note: We suggest that you keep your packaging materials.

Chat Fusion 8 Device Features

This section identifies some basic features of the device and indicates where to find additional information.

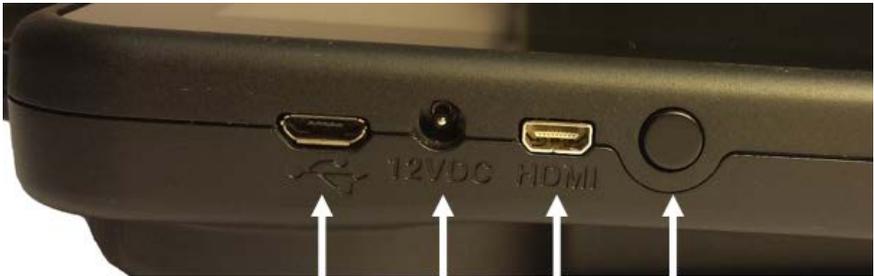
Chat Fusion 8: Front View



For information on:	See:
Understanding the charging LEDs	Chat Fusion 8: Charging the Device Battery using the Charge Pad on page 23 or Charging the Device Battery using the Standard Charger on page 29
Removing the handle	Removing the Handle on page 37
Using the touchscreen	Using the Touchscreen on page 46
Using the camera	Taking Pictures on page 216

Chat Fusion 8: Left Side Features

The left side of the device (when viewed from the front) contains the USB port, alternative charging port, HDMI port, and power button.



USB port for charging the device
or transferring vocabulary

Alternative
charging port

HDMI
port

Power button

**For information
on:**

See:

**Using the USB
port**

[Transferring Vocabulary Files between Your Device and Chat Editor](#) on page 227

**Using the
standard charger**

[Charging the Device Battery using the Standard Charger](#) on page 29

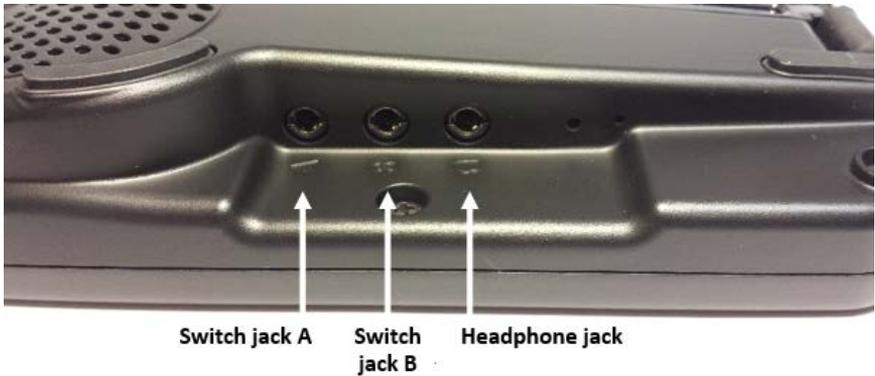
**Using the power
button**

[Turning the Device On and Off](#) on page 32

Note: The HDMI port is for future use.

Chat Fusion 8: Right Side Features

The right side of the device (when viewed from the front) contains two switch jacks and a headphone jack.



For information on:

See:

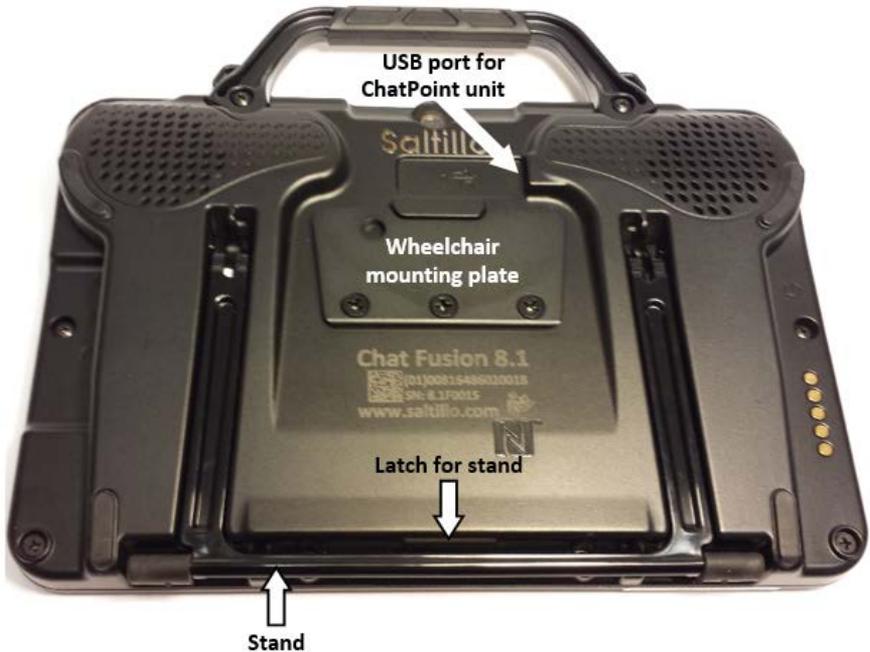
Setting up switches

[Configuring Switches](#) on page 130

Using headphones

“Audio Output Device” under [Setting Auditory Prompts](#) on page 142

Chat Fusion 8: Back View

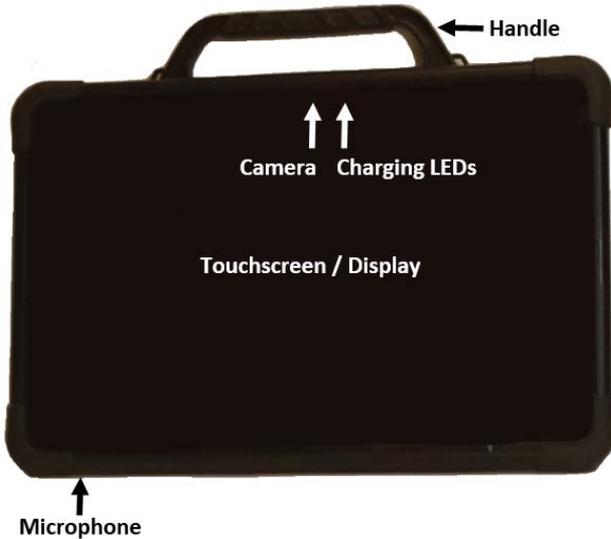


For information on:	See:
Using the USB port on the back of the device	Mounting the ChatPoint Unit on page 155
Reattaching the wheelchair mounting plate	Replacing the Wheelchair Mounting Plate on page 40
Removing or reattaching the stand	Adjusting, Removing, or Reattaching the Stand on page 35

Chat Fusion 10 Device Features

This section identifies some basic features of the device and indicates where to find additional information.

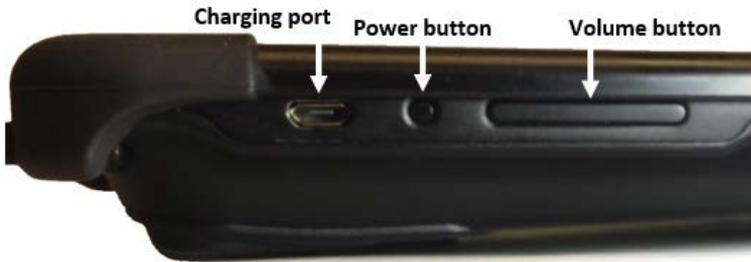
Chat Fusion 10: Front View



For information on:	See:
Understanding the charging LEDs	Chat Fusion 10: Charging the Device Battery using the Charge Pad on page 26 or Charging the Device Battery using the Standard Charger on page 29
Removing the handle	Removing the Handle on page 37
Using the screen	Using the Touchscreen on page 46
Using the camera	Taking Pictures on page 216

Chat Fusion 10: Left Side Features

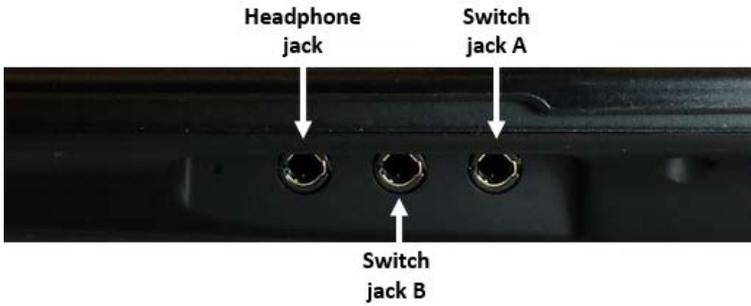
The left side of the device (when viewed from the front) contains the volume button, power button, and charging port.



For information on:	See:
Adjusting the volume	Controlling Volume on page 34
Using the power button	Turning the Device On and Off on page 32
Using the standard charger	Charging the Device Battery using the Standard Charger on page 29

Chat Fusion 10: Right Side Features

The right side of the device (when viewed from the front) contains two switch jacks and a headphone jack.



For information on:	See:
Setting up switches	Configuring Switches on page 130
Using headphones	"Audio Output Device" under Setting Auditory Prompts on page 142

Using Menu, Back, and Home

The Chat software provides icons along the bottom of the display for configuring settings and navigating to previous pages or menus. On open system devices, you can also access the Home screen.

While running the Chat software, **Menu** allows you to determine which vocabulary files to use, which augmentative options are enabled, how and when to speak messages, and how a wide variety of other options are configured.

Back navigates to the previous page or previous menu.

Home takes you to the Home screen on an open system device.

Menu, Back, and Home are implemented differently according to device. Depending on which device you have, you may see any of the following:

Menu icon	
Back icon	 or 
Home icon	 or 

Charging the Device Battery

Your Chat Fusion device came with a charge pad and a standard charger. You can use either to charge your device. *Using the charge pad is recommended.*

For detailed information on charging your device battery, see

- [Chat Fusion 8: Charging the Device Battery using the Charge Pad](#), below
- [Chat Fusion 10: Charging the Device Battery using the Charge Pad](#), on page 26
- [Charging the Device Battery using the Standard Charger](#), on page 29

Chat Fusion 8: Charging the Device Battery using the Charge Pad

We suggest charging the battery each night. If you cannot use the charge pad overnight, it is best to power off the device to conserve battery charge. When the battery charge is 10% or less, the amber charging LED flashes, indicating the battery needs charging.

Important! Devices in storage must be charged every six months.

The charge pad allows you to charge your Chat Fusion without plugging in a charger cable every time you charge the device.



Cords and cables are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.



Charge your device in a safe, well-ventilated area.



Amplifier batteries are not replaceable by the customer.

To charge the device:

1. Tap the device's power button to turn off the display.
2. Plug the charge pad's power cable into an electrical outlet—a surge protector is recommended.
3. Plug the other end of the power cable into the power jack on the edge of the charger.



4. Position the Chat Fusion device's stand against the back of the device.

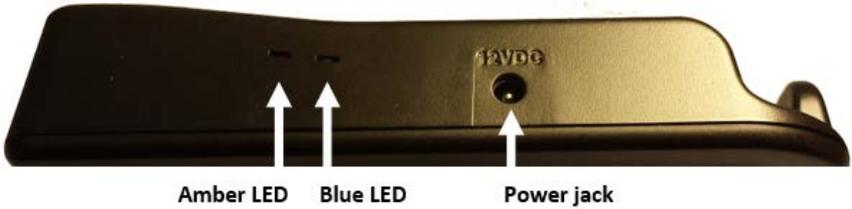
Note: If a wheelchair mounting plate is attached to the back of the device, leave it in place.

5. Center the device on the charger with the back of the device against the charger. Charging should begin automatically.

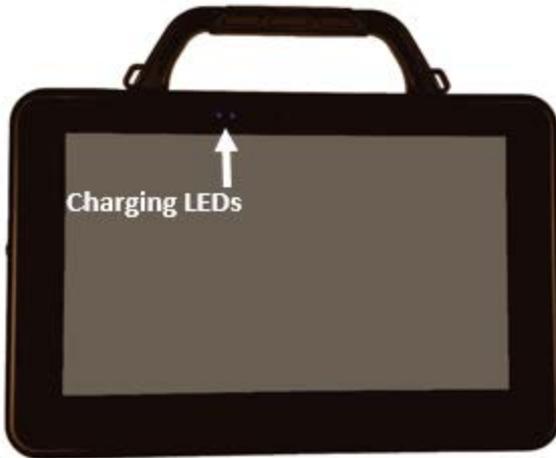


While the Battery is charging:

The charger's amber LED is illuminated. When the battery is fully charged, the blue LED is illuminated.



The Chat Fusion's amber charging LED is illuminated. When the battery is fully charged, the blue charging LED is illuminated.



When the battery is fully charged:

1. Remove the device from the charger.

Recommendation: Keep the charger connected to an electrical outlet or surge protector. Then, any time the device needs charging, simply place the device on the charging pad and it will begin to charge.

2. Tap the device's power button to turn the display on.

Chat Fusion 10: Charging the Device Battery using the Charge Pad

We suggest charging the battery each night. If you cannot use the charge pad overnight, it is best to power off the device to conserve battery charge. When the battery charge is 10% or less, the amber charging LED flashes, indicating the battery needs charging.

Important! Devices in storage must be charged every six months.

The charge pad allows you to charge your device without plugging in a charger cable every time you charge the device.



 **Cords and cables are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.**

 **Charge your device in a safe, well-ventilated area.**

 **Amplifier batteries are not replaceable by the customer.**

You can charge the device battery with the charger stand open and the unit sitting upright or with the stand closed and the unit lying flat.



or



To charge the device:

1. Tap the device's power button to turn off the display.
2. Plug the charge pad's power cable into an electrical outlet—a surge protector is recommended.
3. Plug the other end of the power cable into the power jack on the top edge of the charger. The charger's left LED will glow amber.



When the charger is plugged in, the charger's left LED will glow amber.

4. Position the Chat Fusion device's stand against the back of the device.
Note: If a wheelchair mounting plate is attached to the back of the device, leave it in place.
5. Center the device on the charger with the back of the device against the charger. Charging should begin automatically.



While the battery is charging:

The charger's right LED should glow blue. If the LED does not glow blue, adjust the position of the device in the charger until the LED glows blue.



The device's amber charging LED is illuminated. When the battery is fully charged, the blue charging LED is illuminated.

When the battery is fully charged:

1. Remove the device from the charger.

Recommendation: Keep the charger connected to an electrical outlet or surge protector. Then, any time the device needs charging, simply place the device on the charging pad and it will begin to charge.

2. Tap the device's power button to turn the display on.

Charging the Device Battery using the Standard Charger

We suggest charging the battery each night. If you cannot use the charge pad overnight, it is best to power off the device to conserve battery charge. When the battery charge is 10% or less, the amber charging LED flashes, indicating the battery needs charging.

Important! Devices in storage must be charged every six months.

The standard battery charger plugs into the charging port on your Chat Fusion device.



Cords and cables are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.



Charge your device in a safe, well-ventilated area.



Amplifier batteries are not replaceable by the customer.

To charge the device:

1. Plug the charger into an electrical outlet—a surge protector is recommended.
2. Plug the charger cable into the charging port on the side of the device.



Chat Fusion 8 or 10

Chat Fusion 8 only: You can also use the power cable that came with the charge pad to charge the device directly.



Chat Fusion 8

While the battery is charging:

During charging, the Chat Fusion's amber charging LED is illuminated. When the battery is fully charged, the blue charging LED is illuminated.

When the battery is fully charged:

1. Unplug the connector from the device.
2. Unplug the charger from the electrical outlet (optional).
3. Tap the device's power button to turn the display on.

Checking Battery Status

You can check the battery status of the device by navigating menus or by having a button on a vocabulary page that checks the status.

Checking Battery Status Using Menus

You can check the battery status of the device by navigating menus.

Choose **Menu > Settings > System > About Device**.

The screen will show the battery charging status and charge level.

Checking Battery Status Using a Button

Some Saltillo-provided vocabulary files already include buttons for checking the battery status. For example: WordPower™ offers the option from the last page of Groups, and MultiChat 15 offers the button on the Device Tools page from the second page of "Things".

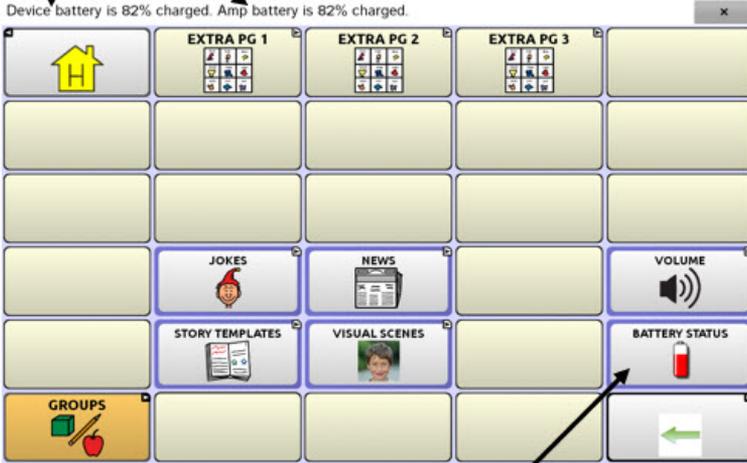
To create a button that checks the battery status of the device, create a button on a vocabulary page that contains the action "Battery Status".

1. Press and hold on the button you want to modify. (Right-click the button if you are using Chat Editor.)
2. Choose **Edit Button** to display the Button Properties.
3. Choose the **Actions** tab.
4. Use the drop-down list to select the **Battery status** action.
5. Choose **OK**.

Any time you choose this button, the application will speak the battery status of the device and display the information in the Speech Display Bar (SDB).

Device and amplifier battery status

Device battery is 82% charged. Amp battery is 82% charged.



Battery Status button

For additional information on creating a button action, see [Adding or Modifying a Button Action](#) on page 87.

Turning the Device On and Off

Chat Fusion 8

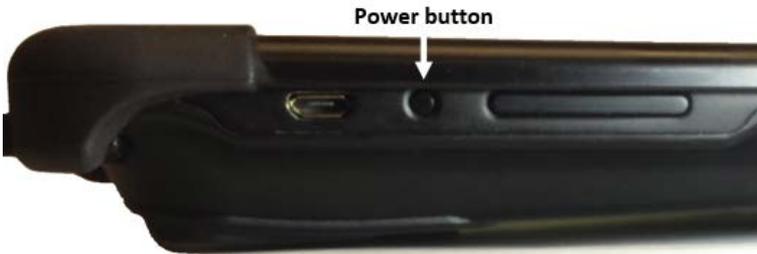
The Chat Fusion 8 power button is located on the left side of the device (when viewed from the front).



Power button

Chat Fusion 10

The Chat Fusion 10 power button is located on the side of the device between the volume button and charging port.



Power button

To turn your device on from a complete power-down:

Press and hold the power button.

To turn your device off for storage:

1. Press and hold the power button.
2. At the prompt, choose **Power off**.
3. Choose **OK** to confirm.

Important! Devices in storage must be charged every six months.

To turn the screen on and off for daily use:

When using the device on a daily basis, tap the power button quickly (do not hold it) to turn just the screen on and off.

To change the screen timeout setting:

The screen is set up to power down automatically after a specified period of no activity. To change the period of delay between the last key press or screen touch and the automatic screen timeout, choose **Menu > Settings > System > Display Settings > Screen Timeout** and choose the appropriate setting.

To wake the screen:

Three methods are available to wake the screen after tapping the power button to put the device to sleep or allowing the device to power down automatically after a timeout.

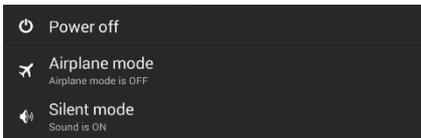
- Tap the power button quickly
- Tap anywhere on the touchscreen
- Press a switch plugged into the device

To use the touchscreen to wake the screen, you must first enable Touch Wake-up. Choose **Menu > Settings > System > Display Settings**. Then tap **Touch Wake-up** to insert a checkmark.

To turn on Airplane mode:

During air travel and in some medical facilities, you may need to put your device in Airplane mode.

1. Press and hold the power button. “Airplane mode is OFF” appears under Airplane mode.



2. Choose **Airplane mode**. “Airplane mode is ON” will appear.

To turn off Airplane mode:

1. Press and hold the power button. “Airplane mode is ON” appears under Airplane mode.
2. Choose **Airplane mode**. “Airplane mode is OFF” will appear.

Controlling Volume



To prevent possible hearing damage, do not listen to earphones at high volume levels for long periods.

Chat Fusion 8

The volume button is located on the top of the device, next to the handle. Press the ends of the button to increase or decrease volume.



Chat Fusion 10

The volume button is located on the side of the device, next to the power button. Press the ends of the button to increase or decrease volume.



In addition to using the volume button, you can add volume controls to buttons within vocabulary pages. For details, see [Adding or Modifying a Button Action](#) on page 87.

Adjusting, Removing, or Reattaching the Stand

Use the stand to position the device for easy viewing of the screen. If you do not plan to use the stand, you can remove it.

Adjusting the Stand

To position the device at an angle for easy viewing of the screen:

1. Place the device face-down on a flat surface.
2. While holding your thumb on the edge of the device below the stand's bottom support, press on the *inside* of the support with the tip of your index finger (or the tips of several fingers) to pull the support *away* from the latch.



3. Lift the support away from the back of the device until the legs latch into place.



Removing the Stand

If you do not want to use the stand, you can remove it from the back of the device.

1. Position the stand so that it is not latched in place.
2. Squeeze near the end of one leg with your fingers until the small peg disengages from the holder.
3. Pull the leg up until it is completely out of the holder.



4. Repeat steps 2 and 3 for the other leg.

Note: Be sure to store the stand in a safe location in case you want to reattach it later.



When the stand is removed, it becomes a potential hazard for choking or for poking the eye.

Reattaching the Stand

If you remove the stand, you can reattach it easily at any time.

1. Squeeze near the end of one leg of the stand with your fingers.
2. Push the leg into the holder until the small peg snaps into place.
3. Repeat for the other leg.

Removing the Handle

If you do not plan to use the handle, you can remove it by removing the screws that hold it in place.

Chat Fusion 8



Chat Fusion 10



The handle and screws are potential choking hazards. Store them in a safe location.

Removing or Replacing the Device Frame

Your device shipped with a device frame attached. If you want to remove or replace the frame, follow these instructions. Use the small screwdriver that was included in your Chat Fusion package.

Removing the Device Frame

1. Insert the tip of the screwdriver into the slot of a corner tab that attaches the frame to the device.



2. Carefully pull the tab away from the device until you can slide the corner of the frame off the device.

Important! Pull the tab only as much as necessary to detach the corner. If you pull too far, you could break the tab.

3. Once the corner is detached, pull the frame off the device completely.

Note: If you are replacing the device frame, proceed to [Attaching the Replacement Device Frame](#).

Attaching the Replacement Device Frame

After removing the original device frame, you are ready to attach the replacement device frame.

1. Insert a corner of the device into the corresponding corner of the device frame. Then push a corner on the same side of the device into the frame.



2. Push a corner on the opposite side of the device into the corresponding corner of the frame.
3. With three corners in the frame, insert the tip of the screwdriver into the tab of the fourth corner of the frame.



4. Pull the tab away from the device until you can slide the corner of the frame onto the device.

Replacing the Wheelchair Mounting Plate

Your device shipped with the wheelchair mounting plate installed.

If you need to replace the mounting plate, follow these instructions.



1. Place the device face-down on a flat surface. Be careful not to scratch the display.
2. Remove the three screws from the old mounting plate and remove the plate from the back of the device.
3. Orient the plate so that the additional hole for the holding pin is in the upper left.



4. Align the three tapered holes in the new mounting plate with the three threaded holes on the back of the device.



5. Insert and tighten the screws.



Store or dispose of the old mounting plate and screws safely. Loose screws can be a choking hazard.

Attaching a Strap

If you want to carry your Chat Fusion device with a shoulder strap, attach two metal rings or two loops to the appropriate holders as shown in this section. Do not attach a strap directly to the plastic case as this may damage the device. If a ChatPoint unit is mounted on your device, attach the rings or loops to the holders on the ChatPoint mounting bracket.

The photos in these sections show how to attach the rings or loops to the holders in the handle or mounting bracket. Use the same procedure if you prefer to attach the rings or loops to the holders on the bottom of the device case (if available on your device).



The metal rings or loops are potential choking hazards. Use them with caution. Straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

1. To attach a strap using metal rings, see [If You Received Metal Rings with Your Strap](#) on page 43.
2. To attach a strap using loops, see [If You Received Loops with Your Strap](#) on page 44.
3. To attach a strap when a ChatPoint unit is mounted on your device, see [If a ChatPoint Unit is Mounted on your Device](#) on page 45.

If You Received Metal Rings with Your Strap



The metal rings are a potential choking hazard. Use them with caution. Straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

Attach the strap with the rings as shown.



Step 1: Open the ring as you would open a key ring. *Suggestions:* Use your fingernail, a screwdriver, or a dime.



Step 2: Push the open ring onto the holder in the handle or case.



Step 3: Allow the ring to close on the holder. Repeat steps 1-3 for the other ring.



Step 4: Clip the strap to the rings.

If You Received Loops with Your Strap



⚠ The loops are a potential choking hazard. Use them with caution. Straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

Attach the strap with the loops as shown.



Step 1: Feed the end of the loop through the hole in the case.



Step 2: Thread the metal ring through the loop.



Step 3: Pull the metal ring to tighten the loop. Repeat steps 1-3 for the other loop.



Step 4: Clip the strap to the metal rings.

If a ChatPoint Unit is Mounted on your Device

Attach the rings or loops to the holders on the ChatPoint mounting bracket.



This is an example only. Your ChatPoint unit may look slightly different.



The metal rings or loops are potential choking hazards. Use them with caution. Straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

Using the Touchscreen

Your device comes with a capacitive touchscreen. It responds best to a light touch from the pad of your finger. You can also use the stylus that was provided with your device. See [Using the Stylus](#).

Important! Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty.

Note: To clean the touchscreen, see [Routine Cleaning and Disinfecting](#) on page 47. If your device will be used by more than one client, see [Disinfecting a Device for Use by Multiple Clients](#) on page 47.

Using the Stylus

A compatible stylus was provided with your device. If you prefer to purchase a different stylus, be sure it is compatible with a capacitive touchscreen.



Note: The stylus provided has an opening on the end and can be attached to an individual or the device using a chain, string, or lanyard.



The stylus is a potential hazard for choking or for poking the eye.

Cleaning and Disinfecting Your Device

To get the most from your device, keep it clean and disinfected. If your device will only be used by one person, routine cleaning and disinfecting should be sufficient. If, however, multiple persons will be using the device, take additional measures to clean and disinfect the device after it has been used by one person before allowing it to be used by another person.

Routine Cleaning and Disinfecting

To clean your device case and screen, turn the device off, wipe with a soft, lint-free cloth slightly dampened with water, and dry with another soft, lint-free cloth. *Do not spray or splash liquid directly on the device.*

To disinfect the case, moisten a clean cloth in a solution of 1/4 cup of vinegar and 1 cup of water. *Do not use vinegar and water on the display.*

Disinfecting a Device for Use by Multiple Clients

Note: This section applies only when multiple clients will be using the same device. In that situation, it's vital to effectively disinfect the device and accessories that have been used by a client before handling and use by another client.

First Step: Put on protective gloves

Next Step: Clean the device and accessories

1. Wipe down the device and accessories with disinfectant wipes (Virucidal, Bactericidal, Pseudomonacidal, Tuberculocidal, Fungicidal)—Metrex CaviWipes™. Follow the disinfectant product manufacturer's instructions for *cleaning*.
2. Take a Q-tip with cleaner applied (for example, Windex® or another commercial cleaner) and clean inside all cracks and crevices. You may want to use a toothbrush or similar brush.
3. Blow the device off with an air hose, or wipe it dry.

Important! Make sure all soil is removed from the device and accessories. This is vital before proceeding to disinfecting the equipment.

Next Step: Disinfect the device and accessories

1. Wipe down the device and accessories with a new disinfectant wipe (Virucidal, Bactericidal, Pseudomonacidal, Tuberculocidal, Fungicidal)—Metrex CaviWipes. Follow the disinfectant product manufacturer’s instructions for *disinfecting*.
2. Make sure to clean inside all cracks and corners, and wipe more than once if necessary to keep the device wet for a minimum of three (3) minutes.
3. Allow the device and accessories to dry.

Final Step: Wipe the touchscreen

1. When the device and accessories are dry, wipe down the viewing area (touchscreen, keyguard, etc.) with glass cleaner, so the screen doesn’t discolor.
2. Allow the equipment to dry.

Using the Home Screen

The home screen allows you to place shortcuts, widgets, and other items to customize the device to your needs.

To display the home screen, touch **Home** on the device screen.

Dedicated devices: Dedicated (locked) devices do not have access to the home screen. Unless stated otherwise, instructions in this user's guide start with the device unlocked and running the application.

Using the Status Bar

The status bar at the top of the home screen displays icons to show notifications, battery power, and connection details.

Pulling down on the status bar displays options for viewing notifications and quickly turning on or off some commonly-used operating system settings.

Adding Shortcuts

The home screen provides shortcuts to widgets. You can add shortcuts as you need them.

To add a shortcut to a widget:

1. Press and hold on an empty area of the home screen. A menu will open.
2. Tap the **Widgets** shortcut. Available widgets will be displayed.
3. Press and hold on the widget for which you are creating the shortcut. The shortcut is placed on the home screen automatically.

To remove a shortcut:

1. Press and hold on the shortcut until **Remove** appears.
2. Drag the shortcut to **Remove**.

Opening and Closing the Application

Dedicated devices: Dedicated (locked) devices do not have access to the operating system’s home screen.

From the home screen or Apps folder, tap the Chat Fusion shortcut. When the application is open, touching **Home** will minimize the application and display the operating system’s home screen. To close the application, press and hold **Back** and confirm by choosing **Yes**. Using the power button to turn off the device will also close the application and all open apps. Turning the device on from a full power-down will restart the application automatically.

Note: For the best application performance, close any apps that are running in the background.

Using the Application Screen

The Speech Display Bar (SDB) displays text for the buttons you choose.

To delete the last word on the SDB, tap **X** once. To clear all words, press and hold **X**.



A button arrow link  indicates a link to another page. For additional information, see “Modifying a Button Arrow Link”.

Using the Speech Display Bar (SDB)

The Speech Display Bar (SDB) displays text that you enter or generate in the application. You can change the size of the text and the number of lines of text that appear in the window.

Tapping on the SDB can speak all text generated.

Tapping the **X** will delete the last word. Pressing and holding the **X** will clear the entire display.

Holding the SDB generates a menu of additional options.

The Speech Display Bar (SDB) displays text for the buttons you choose.

To delete the last word on the SDB, tap **X** once. To clear all words, press and hold **X**.



Changing Functional SDB Settings

To access the options for changing Speech Display bar settings, choose **Menu > Settings > Input**.

Option	Description
Tap to Speak	This option toggles the option for the SDB to speak when chosen or not
Tap to Expand	This option toggles the option for the SDB to expand when chosen or not
Enable Menu	This option toggles the SDB context menu on or off.
Enable Clear SDB (X)	This option either hides or displays the X on the far right of the SDB. The X deletes a word when tapped or clears the entire SDB when held.

Changing SDB Style Settings

To change SDB style settings, choose **Menu > Settings > Style**. The Style options allow you to configure the following for the SDB:

- font type, size, and style (Bold or Italic)
- height (number of rows)
- background color
- text color

You can also configure the SDB to display icons in addition to text or to appear at the bottom instead of the top of the screen.

To configure the SDB to display icons in addition to text:

1. Choose **Menu > Settings > Style**.
2. Tap **SDB Icons** to insert a checkmark.

To return the SDB to a text-only display, tap **SDB Icons** to remove the checkmark.

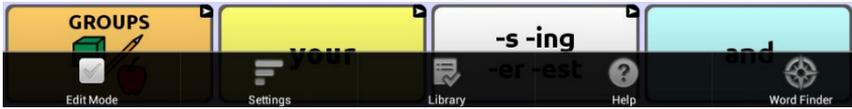
To configure the SDB to appear at the bottom of the screen:

1. Choose **Menu > Settings > Style**.
2. Tap **On Top** to remove the checkmark.

To return the SDB to the top of the screen, tap **On Top** to insert a checkmark.

Using Application Menus

After choosing **Menu**, groupings of menus appear. These menus vary depending on other settings in the application.



In Edit Mode



In Edit Mode, all the buttons are outlined, indicating that they can be edited. When the menu disappears, the words “Edit Mode”, followed by the name of the vocabulary file and the name of the current page, appear in red across the bottom of the screen.

Note: Chat Editor displays the menus at the top of the screen.

Option	Description
Edit Mode	Turn editing on or off
Settings	Customize application features
Library	View the vocabulary files
Help	View help and other information
Pages	View a list of pages
Edit Page	Edit the current page
Edit Vocabulary	Edit the current vocabulary
More	View additional options
Hide Mode	Turn Hide Mode on or off

Choosing a Vocabulary File

Choosing an appropriate vocabulary file is imperative to the success of the device user. Saltillo suggests that a qualified speech language pathologist, teaching staff, parents, and device user are all part of the decision process of choosing an appropriate vocabulary file.

When choosing a vocabulary file, consider the following:

- The user's ability to select buttons
- The user's access capabilities
- The user's current and potential cognitive capabilities
- The potential effect of screen orientation on the user
- The user's ability to work better with pictures or symbols
- The vocabulary's ability to be customized

Evaluating an Individual's Ability to Select Buttons

Explore Access is a tool that allows individuals who use AAC devices and their team to try different access methods such as direct selection, scanning, and head-pointing. Explore Access is *not* a vocabulary. It is a tool to help you choose an appropriate vocabulary for an individual.

To open the Explore Access tool, choose **Menu > Library**. Select either **Explore Access PCS** or **Explore Access SS**.

Within this tool, the following sections have been designed to meet the needs of a variety of individuals: practice area; early concepts; intermediate concepts; and advanced concepts. Each section starts at a basic level of understanding for the skill and gets increasingly more difficult.



Access Practice

Access Practice allows the individual to get hands-on experience using a specific access method such as touchscreen, switch, or head-mouse. The practice exercises help teach the individual the necessary physical movements to make the device speak through cause and effect or establishing a specific target that the individual must select—the target can be self-determined or requested by a support person.

Access Practice is set up with three different age groups: Practice Age Beginner (yellow button) is for a younger age group; Practice Age Intermediate (green button) is for an intermediate age group; and Practice Age Advanced (blue button) is for adults or individuals with reading skills.



Basic Scan and Intermediate Scan are files from the Chat Software Library that are provided to individuals in order to practice using a vocabulary with scanning.

Early, Intermediate, and Advanced Concepts

Early Concepts (yellow button) is for the youngest age group, the Intermediate Concepts (green button) is for a late elementary-middle-high school age group, and the Advanced Concept (blue button) is for adults or individuals with reading skills.

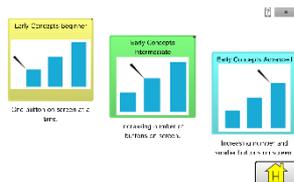


Within each of these age groups are three levels to choose from based on experience using direct selection, scanning, or headpointing: Early Concept uses activities with animals, transportation, and bubbles. Each of these activities uses a sound to indicate the selection; Intermediate Concepts uses activities with dogs, flowers, and planets; and the Advanced Concepts uses activities with states, letters, and words. Both Intermediate and Advanced Concepts speak the name of the selected item instead of using a sound.

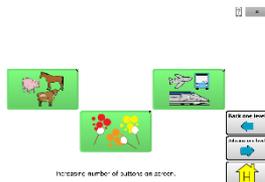
Although these three concepts are divided by age and experience, there is room for an individual to investigate all areas of the Explore Access file to best meet his or her needs.

Early Concepts

Early Concept Beginner (yellow button) is for someone who has little or no experience using a device, Early Concepts Intermediate (green button) is for someone who has some experience on devices, and Early Concept Advanced (blue button) is for experienced, seasoned device users.



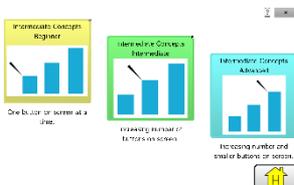
Once the level of device experience is selected, there are three different activities to choose: find a requested animal; find a requested form of transportation; and find a specific color of bubbles.



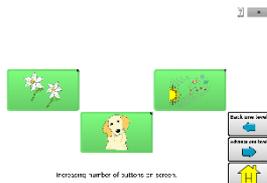
In the Early Concept Beginner button, all the activities have one button on the screen at a time. Early Concepts Intermediate has more than one button on the screen at a time, and Early Concepts Advanced has multiple buttons on the screen at a time with the addition of smaller buttons.

Intermediate Concepts

Intermediate Concept Beginner (yellow button) is for someone who has little or no experience using a device, Intermediate Concepts Intermediate (green button) is for someone who has some experience on devices, and Intermediate Concept Advanced (blue button) is for experienced, seasoned device users.



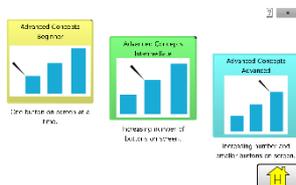
Once the level of device experience is selected, there are three different activities to choose: find a requested breed of dog; find a requested flower; and find a specific planet.



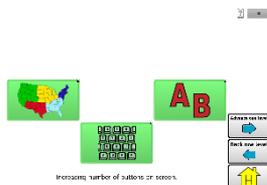
In the Intermediate Concept Beginner button, all the activities have one button on the screen at a time. Intermediate Concepts Intermediate has more than one button on the screen at a time, and Intermediate Concepts Advanced has multiple buttons on the screen at a time with the addition of smaller buttons.

Advanced Concepts

Advanced Concept Beginner (yellow button) is for someone who has little or no experience using a device, Advanced Concepts Intermediate (green button) is for someone who has some experience on devices, and Advanced Concept Advanced (blue button) is for experienced, seasoned device users.



Once the level of device experience is selected, there are three different activities to choose: find a requested state; find a requested letter; and spell requested words.



In the Advanced Concept Beginner button, all the activities have one button on the screen at a time. Advanced Concepts Intermediate has more than one button on the screen at a time, and Advanced Concepts Advanced has multiple buttons on the screen at a time with the addition of smaller buttons. The section to spell words has a keyboard available.

Considering the User’s Access Capabilities

The user’s access capabilities depend on the number of buttons on a page.

File	Buttons per Page
4 Basic	Provides 4 buttons per page
VocabPC	Provides 12 buttons per page
MultiChat	Provides 15 buttons per page
WordPower	Offers 20, 25, 42, 48, 60, 80, and 108 buttons per page

Considering the User’s Cognitive Capabilities

It’s important to consider the user’s current and potential cognitive capabilities—his or her current literacy level and emerging literacy.

File	Literacy Level
VocabPC	Developed for those with developmental delays
WordPower	Word-based vocabularies for those who are literate as well as those who are preliterate. “Basic” versions are available for beginning communicators and those who need simple language encoding.
MultiChat 15	Developed for those with emerging literacy

Additional Considerations

When choosing a vocabulary, keep these additional considerations in mind.

Screen orientation

Some individuals may work best with pages displayed in landscape orientation, while others may do better in portrait orientation.

Visual issues

Some people will work best with symbols, while others may do better with pictures.

Customization

Each individual has unique capabilities. To accommodate these capabilities, you can modify buttons, pages, and settings to best suit the device user. Customizations can be made directly on the device or by using Chat Editor running on a computer.

Exploring Vocabulary Files

The application provides a variety of vocabulary files. To view these files, choose **Menu > Library**. Available vocabulary files will be listed.

	myQuickChat 8 Child PCS <small>Original</small>
	myQuickChat 8 Child SS <small>Original</small>
	Spelling PCS <small>Original</small>
	Spelling SS <small>Original</small>
	VocabPC PCS Adolescent-Adult <small>Original</small>
	VocabPC SS Adolescent-Adult <small>Original</small>
	WordPower108 PCS <small>Original</small>
	WordPower108 SS <small>Original</small>
	WordPower20Simply PCS <small>Original</small>
	WordPower20Simply SS <small>Original</small>
	WordPower24 PCS <small>Original</small>
	WordPower24 SS <small>Original</small>

Icon	Description
	The vocabulary file that is currently open.
	An original Saltillo-provided vocabulary file that cannot be modified or deleted. To customize a vocabulary file, make a copy of it and customize the copy. See Creating a Customized Vocabulary File on page 73.

Important!

A vocabulary file that you customized with release 2.2 software or later can be transferred between Chat Editor and a Chat Fusion device, a NOVA chat® device, or a TouchChat® device.

For information on transferring vocabulary files, see [Transferring Vocabulary Files between Your Device and Chat Editor](#) on page 227.

Available Vocabulary Files

From the list of available vocabulary files, tap on a file name, choose **Open**, and explore the file. Take some time to explore each of these files and see if one might be appropriate for the device user or get some ideas for creating your own.

Explore the page and button organization by choosing the buttons. Buttons with arrows in the corners will move to new pages. As you explore the page layouts, consider if one of these might work as a starting point for the intended device user.

WordPower

The WordPower vocabularies are augmentative communication word-based vocabularies created by Nancy Inman. Notice the listing of WordPower vocabulary options on your device, each including a number to indicate the number of cells.

WordPower20 Simply

WordPower20 Simply incorporates carrier phrases with core words for quick and easy language generation. It can be used as a phrase-based system or as a word-based system. For example, you could use the carrier phrases “I want...”, “I like...”, and “I need...” to generate sentences. Or you could use the individual pronouns “I”, “it”, and “you”, or sentences starters such as “can” and “do.” When the individual pronouns are selected, a page of frequently used verbs and helping verbs also becomes available. You can quickly finish a sentence using a phrase such as “to eat...”, “to play...”, “to watch...”, etc., or you can select “to” and have a more expanded set of verbs available.

WordPower25 Touch & Scan

The WordPower25 Touch & Scan vocabulary is designed to be accessible via direct selection as well as scanning for quick and easy language generation. It incorporates carrier phrases with core words that move seamlessly between the main page and related categories. Individuals who need a sophisticated and efficient language system with a minimum number of cells per page will benefit from this robust vocabulary.

WordPower42

WordPower42 is a word-based vocabulary that allows for easy and intuitive communication. WordPower42 is a generative language system that will be familiar to those using WordPower on other systems, and it is easy to learn for new users.

WordPower42 Basic

WordPower42 Basic is a simplified version of WordPower42. This word-based system remains rich in core vocabulary, and it may be appropriate for beginning users or those who need a more basic vocabulary design. It is designed to make communication fast and easy.

WordPower48

WordPower48 is very similar to the 42-location, but in the extra column on the left, you now have a clear display, delete word, period, and plural. This configuration can be set up for scanning or to be used with a keyguard.

WordPower60

WordPower60 consists of a large number of high-frequency words available on the main page, resulting in fast communication with reduced keystrokes. Word completion and logical next words are used, and the “grammar” function provides morphological endings to verbs, nouns, and adjectives. Spelling with word prediction along with the category-based pages contained in all other versions of the vocabulary are also available. This vocabulary is configured to work with a keyguard.

WordPower60-Basic

The WordPower60-Basic vocabulary is designed with early language learners in mind, providing ample picture support and novel structures to facilitate expressive language development. Core vocabulary is embedded within category and activity pages, allowing easy generation of language from the main core page as well as within specific topic-based pages. Core words remain consistent in terms of placement and access, providing a natural bridge between core and fringe words. Early literacy is enhanced by providing pages designed to teach language and core through children’s books.

WordPower80

WordPower80 is for someone who has good vision, motor skills, and literacy skills. WordPower80 vocabulary pages consist of core vocabulary, spelling, and word prediction.

WordPower108

WordPower108 consists of a large number of high-frequency words on the main page, resulting in fast communication and quick access to core words. Word completion and logical next words are used, and the “grammar” function provides morphological endings to verbs, nouns, and adjectives.

WordPower108 with Keyboard

WordPower108 with Keyboard is a vocabulary consisting of high frequency core words, spelling, and word prediction. With the keyboard on the main page, the communicator moves seamlessly between words and spelling, thus minimizing keystrokes and the need for navigation. Some core words are embedded within the category pages in order to assist in bridging the gap between core and fringe vocabulary.

WordPower140 Scan & Touch

WordPower140 Scan & Touch was designed with switch scanners in mind, although direct selectors with good vision and motor skills are also appropriate. The large number of cells makes communication fast and easy, with less page navigation required. The keyboard and word prediction cells are available on the main page for easy access. Common core words are embedded within the category pages to assist with bridging the gap between core and fringe vocabulary. Suggested Scan Settings for NOVA chat and Chat Fusion are outlined on the Groups page.

4-Basic

4-Basic offers just that, a basic vocabulary option with 4 buttons per page.

Basic Scan

Basic Scan is primarily a phrase-based vocabulary for emerging communicators who access communication through auditory and/or visual scanning. Basic Scan was developed by Lisa Nobel Martin, MA, CCC-SLP specifically for Chat Fusion and NOVA chat devices. Lisa has years of experience working with nonverbal pediatric patients at all stages of communication. Her focus on teaching auditory and visual scanning techniques to these individuals has proven quite successful.

The Basic Scan file encompasses various communicative functions (greeting, directing, protesting, commenting, requesting, sharing information). Page navigation is used to support language formulation. In addition, some vocabulary is hidden and can be gradually uncovered to scaffold learning. The Basic Scan file is meant to provide a framework and example of where to begin with an emerging communicator who is using auditory and/or visual scanning as a means to access communication. Basic Scan does not provide access to a comprehensive vocabulary. Specific items within each category can and should be modified to meet the unique needs of individuals.

Communication Journey: Aphasia

“Communication Journey: Aphasia” is a vocabulary file containing features and vocabulary designed to support people with aphasia. It was developed by Lois Turner (SLP), Anne MacCallum (SLP) and Sarah Gauthier (SLP Assistant) in consultation with a group of speech-language pathologists who work exclusively with people with aphasia and brain injuries. All the participants work at CAYA (Communication Assistance for Youth and Adults) and the GF Strong Rehabilitation Centre in Vancouver, BC, Canada. The framework of the file was derived from the Life Participation Approach to Aphasia from the Aphasia Institute in Toronto, Canada. The pages were created to facilitate participation in daily activities and to promote social links.

Aphasia, a disorder caused by damage to the parts of the brain where language is stored, may affect the ability to comprehend language, to express oneself, to read, or to spell and write. “Communication Journey: Aphasia” can easily be adapted for use by people with different types of aphasia and a range of cognitive levels and degrees of severity.

Symbols, photographs, visual scenes, videos, or words can be used on the message, topic, and script pages. Included are pages that facilitate supported communication techniques, self-advocacy, directing care, and repair of communication breakdowns. Types of information typically included in communication books—such as pain and emotion scales, maps, and templates for personal information and life stories—are also incorporated into the vocabulary file. Specialized features include variable “rate of speech” and “pause between words”. Grid size and vocabulary are easily customized to reflect and support the life experiences of the person with aphasia.

Although this vocabulary file contains starting-point vocabulary commonly required by adults with aphasia, it **must** be customized. Each person has a unique history, and the file must reflect that person’s life, experiences, and abilities.

Intermediate Scan

Intermediate Scan is primarily a phrase-based vocabulary for communicators who access communication through auditory and/or visual scanning. It was designed to be a next step after using the Basic Scan vocabulary file when beginning to transition to the use of core words. Intermediate Scan was developed by Lisa Nobel Martin, MA, CCC-SLP, specifically for Chat Fusion and NOVA chat devices. Lisa has years of experience working with nonverbal pediatric patients at all stages of communication. Her focus on teaching auditory and visual scanning techniques to these individuals has proven quite successful.

MultiChat 15

MultiChat 15 features a 15-button layout and is available in three versions: one for school-aged individuals with emerging language skills, one for adolescents, and one for adults. There are multiple forms of communication available in this vocabulary: sentences, phrases, individual words, recordings for story-telling, and visual scenes. Also included are interactive play and reading pages, social pages and a News-2-You starter page for the weekly newspaper’s vocabulary. There are symbols on every button with the exception of several core words.

myCore

myCore is a combination of core and phrase-based vocabulary geared toward individuals who have literacy skills.

myQuickChat

myQuickChat is an introductory communication system geared toward child and adult AAC users with complex communication needs.

myQuickChat is available for both children and adults in 4, 8, and 12 locations, each with an identical 16-location Support Master Home Page. myQuickChat was created to offer a high frequency, phrase-based communication system in an easy to use yet very engaging format. The progressive system offers a variety of topics for everyday needs and conversation and provides AAC users immediate and more successful communication exchanges within a variety of settings.

Spelling

Spelling is a keyboard page set with four word prediction buttons and a few pre-stored phrases.

VocabPC

VocabPC was designed by Gail Van Tatenhove, PA, MS, CCC-SLP, for adults and adolescents with developmental disabilities. Vocabulary in VocabPC is arranged as carrier phrases, interactive sentences, activity vocabulary, and naming words. VocabPC uses a 12-location page layout. A Tour Guide for VocabPC is included on the Chat Editor DVD. This tour guide describes the users the author was working with and provides rationales and teaching support for VocabPC.

Installing, Setting up, and Using Chat Editor

Chat Editor is a supplemental program that runs on a desktop or laptop computer running Microsoft® Windows®. It allows you to customize vocabulary files. Although customizing is also possible on the device itself, the Editor allows the family and/or professionals to customize the vocabulary when the device is not present.

Note: Having the custom vocabulary on a computer is always recommended as a backup to the device.

Installing Chat Editor

This process installs Chat Editor on your computer and creates desktop shortcuts to the Chat Editor application and the Chat Editor Import folder.

1. Insert the Chat Editor DVD in your computer's disc drive.
2. You should see a Chat Editor Installer screen (this may take a few moments). If you do not see the Installer screen, navigate to your DVD through Windows Explorer and choose **setup.exe**.
3. The DVD Installer screen provides a choice of three applications to load.
4. Choose **Install/Update Chat Editor**.
5. If you want the device to be able to use synthetic speech and you have a compatible sound card (you probably do), choose **Microsoft Voices for SAPI 5.1**.

Note: Microsoft Voices provides a voice for Chat Editor to use. If you already have a desktop application on your computer from a ChatPC, you will not need to install Microsoft Voices again.

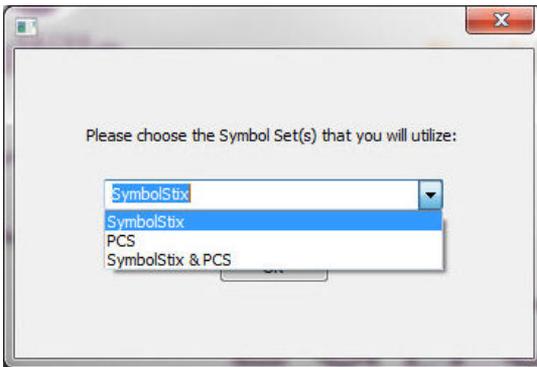
6. To be able to transfer files to the device, choose **Install Device Driver**.
7. Choose **Install**.
8. Follow the on-screen instructions.
9. When the installation process is complete, remove the DVD from the drive. The DVD is not needed to run the Editor.

Configuring Chat Editor

The first time you open Chat Editor after installing it, you will be prompted to set up a configuration.

1. Select **Nova Chat/Chat Fusion** from the Choose Product window and click **OK**.
2. Select your language from the Choose Language window and click **OK**.
3. Select one or more symbol sets from the Choose Symbol Sets window.

Important! This symbol set must match what is on the device you are supporting.



4. Click **OK**.
5. Type a descriptive name for the configuration in the Enter Name window and click **OK**.
6. Chat Editor will open.

Note: You may need to set up multiple configurations if you support more than one client. For example: Tommy with only SymbolStix® images and Sarah with both SymbolStix and PCS™ symbols.

Enabling Speech in Chat Editor

Note: When you install Chat Editor on a computer that had Chat Editor installed previously, speech will be enabled.

When you install Chat Editor on a computer that did not have Chat Editor installed previously, the following message will be displayed:

Speech is currently disabled.

Please connect a Nova Chat/Chat Fusion device to this computer to enable speech.

Choose **OK** to close the message.

To enable speech in Chat Editor, simply connect a USB cable between your computer and your device. Test the Editor to verify that speech is now working and then disconnect the cable. Speech will now be enabled whenever you use the Editor; you will not need to re-connect the cable.

Opening Chat Editor

To open the Editor for normal use after you have set up a configuration, choose the Chat Editor shortcut from your computer's desktop. The Editor will open on your computer.

Using Vocabulary Files with Chat Editor

The Chat Editor Library contains the same vocabulary files as the device. See [Available Vocabulary Files](#) on page 61.

You can explore any of these files by highlighting one and opening it. Explore the page and button organization by choosing the buttons. Buttons with arrows in the corners will move to new pages. As you explore the page layouts, consider if one of these might work as a starting point for the intended device user.

You cannot modify the "Original" vocabulary files. If one of the files would be appropriate for the device user, make a copy of it and customize the copy. See [Creating a Customized Vocabulary File](#) on page 73.

The device user's vocabulary file can be created using Chat Editor and then exported to the device for use.

To explore files using Chat Editor, choose **Library**. My Resources stores all custom files. All default Saltillo-supplied files are stored in the folder specifying the symbol set and language used.

Device and Editor Differences

Note: Chat Editor is not intended to function as a speech generating device. It is a support tool for modifying the client's vocabulary so that the client can continue using the device while modifications are being made.

Dialog boxes will appear slightly different and a couple of the options are modified for the computer. The Editor displays menus at the top of the screen, and the Chat software displays them on the bottom.

When you are editing on the device, pressing and holding on the screen opens context menus. In Chat Editor, right-clicking on the vocabulary window will open context menus for editing.

Setting Chat Editor's Screen Orientation

You can use the Chat Fusion device in portrait or landscape orientation. To set Chat Editor's screen orientation to match the device, choose **Settings > View**.

Using Chat Editor to Create Instructional Materials

Capture sequences of buttons from screens in Chat Editor to paste into instructional materials you create such as Word documents, PowerPoint™ presentations, flash cards, etc.

1. In Chat Editor, choose **Capture** in the top section of the Editor window. The Button Capture window will open.
2. With **Capture Selections** selected, start selecting the buttons you want to appear in your document. Each button you select will be captured in the Button Capture window.



3. When you finish capturing a sequence of buttons, choose **Copy to Clipboard**. The sequence will be cleared from the Button Capture window.
4. In your document, insert the cursor and select **Paste**. The sequence will be pasted into the document.
5. Capture the next sequence.
6. When you finish capturing sequences, select **Exit** to close the Button Capture window.

Notes on Capturing Button Sequences

If you need to try several sequences to find the one you want, turn off **Capture Selections**. Once you decide what you want to capture, turn **Capture Selections** back on.

If you make a mistake, select **Clear** and start capturing the sequence again. Keep in mind that Clear removes **all** captured content from the Button Capture window.

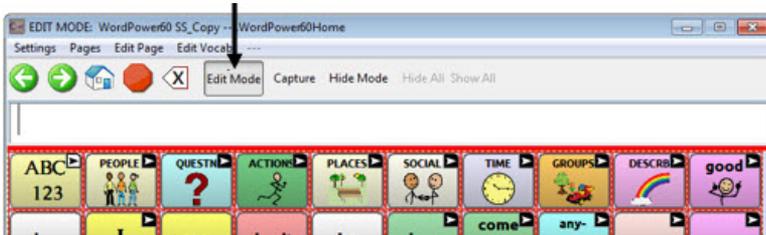
Turning Edit Mode On

To edit a vocabulary file or any resource linked to it (pages, buttons, etc.), you must activate Edit Mode. You can edit a vocabulary file on the device or by using Chat Editor.

Device: Choose **Menu > Edit Mode**. All the buttons are outlined, and the words “Edit Mode”, followed by the current vocabulary and page names, appear in red across the bottom row of keys.



Editor: Choose **Edit Mode** from the menu bar. All the buttons are outlined and “Edit Mode” is selected.



Important! Before you start editing a vocabulary file:

Copying a file from one platform to another will overwrite the existing file. To avoid overwriting others’ changes, coordinate with anyone else who may edit vocabulary files to make sure that you are working with the current copy. Always copy the file with changes to the other platform. This will ensure that both the device and the Editor are current.

Creating a Customized Vocabulary File

The Saltillo-provided (original) vocabulary files cannot be modified. This maintains the original, default vocabularies in case they may be needed at a later time. To create your own customized vocabulary file:

1. Determine which original vocabulary file will work as a starting point.
2. Make a copy of the original file.
3. Customize the copy as needed.

Creating a Copy using the Device in Edit Mode

1. Open the vocabulary file.
2. Choose **Menu > Edit Mode**.
3. Choose **Yes**.
4. Type a name for the file.
5. Choose **Save**.

Creating a Copy from the Device Library

1. Choose **Menu > Library**.
2. Choose the file to copy.
3. Choose **Duplicate**.
4. Type a name for the file.
5. Choose **Save**.

Creating a Copy using Chat Editor

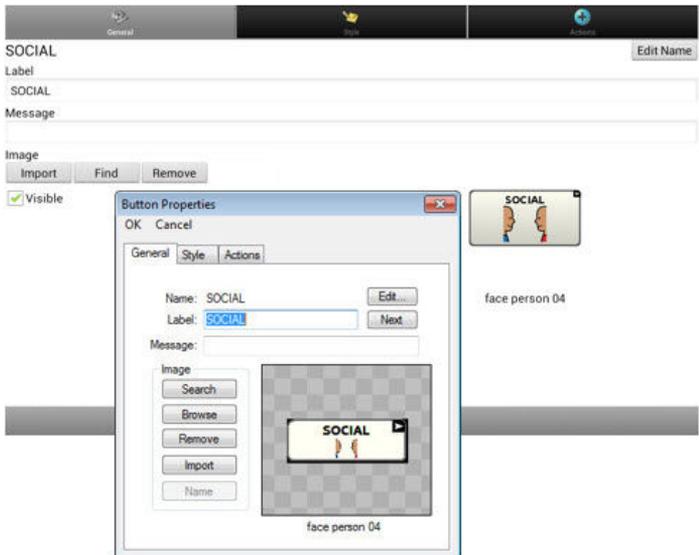
1. Choose **Library**.
2. Choose the file to duplicate.
3. Choose **Duplicate**.
4. Type a name for the file.
5. Choose **Save**.

Modifying Button Text

You can modify the label or message text for any button. Or you can remove the text and fill the button with an image.

Displaying the Button Text to Edit

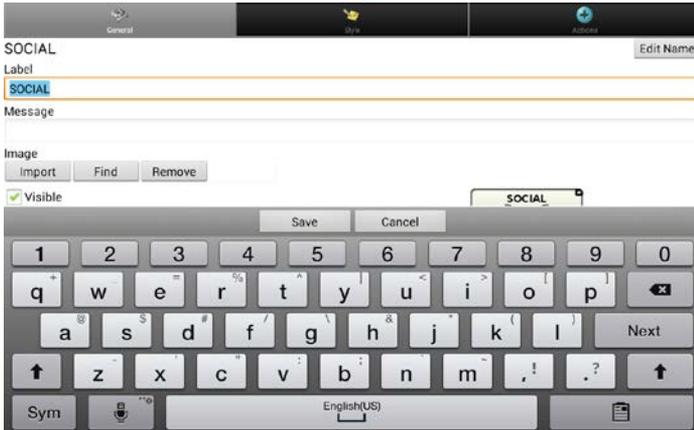
Choose **Menu > Edit Mode**. Then press and hold on the button. (Right-click if you are using the Editor.) A menu will open. Choose **Edit Button** to display the Button Properties.



Editing the Button Text

In Chat Editor, click in the Label or Message box and enter your new text. On the Chat Fusion device, do the following:

Tap in the Label or Message box to display the keyboard.



Enter your new text. If you tapped in the Label box, choose **Next** to move to the Message box. Choose **Done** and then choose **Save** to apply your changes to the button.

Using Images with No Text

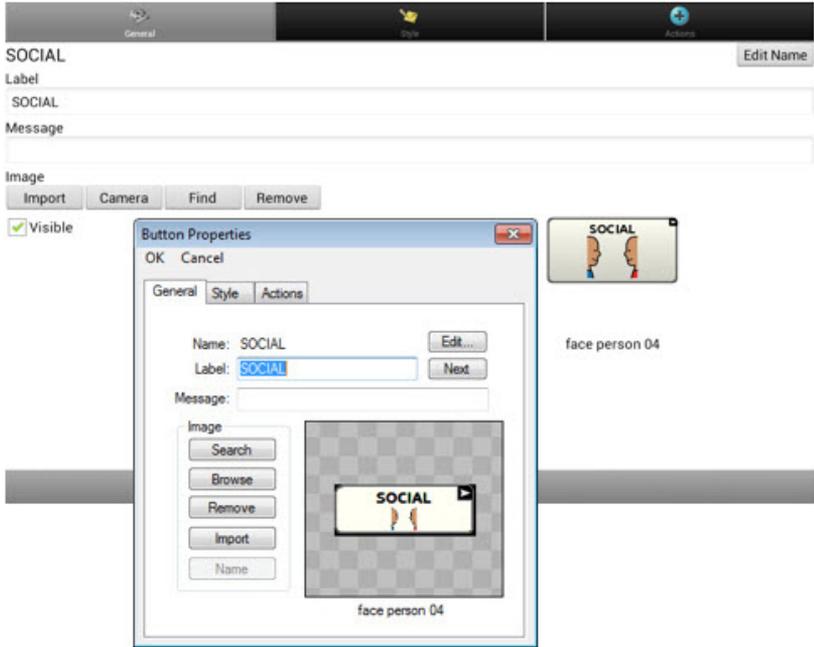
Don't enter a label in the Label box. If you decide not to use labels, we suggest expanding the image to fill the entire button area. To do this:

Choose **Menu > Settings > Style > Fill**.

For information on adding images to buttons, see [Adding or Modifying a Button Image](#).

Adding or Modifying a Button Image

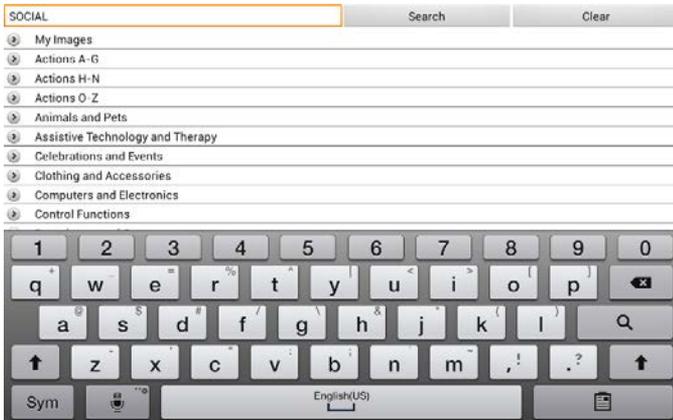
Choose **Menu > Edit Mode**. Then press and hold on the button. (Right-click if you are using the Editor.) A menu will open. Choose **Edit Button** to display the Button Properties.



Choose the image you want to use. To locate the image, you can choose Find, Browse, Search, or Import. You can also use the Camera function to create your own image.

Finding an Image from the Device Library

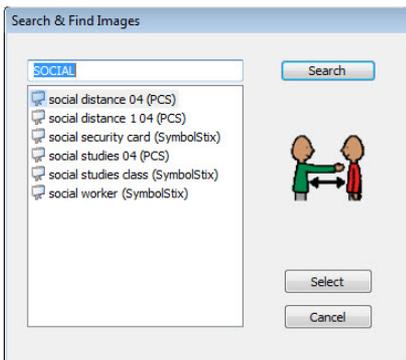
From the Button Properties, choose **Find** or **Browse** to open a list of categories.



Choose a category to open a list of images. Then choose the image you want. The image will be displayed in the Button Properties. Choose **Save**.

Searching for an Image in the Device Library

From the Button Properties in the Editor, choose **Search** to search for images with the label name.

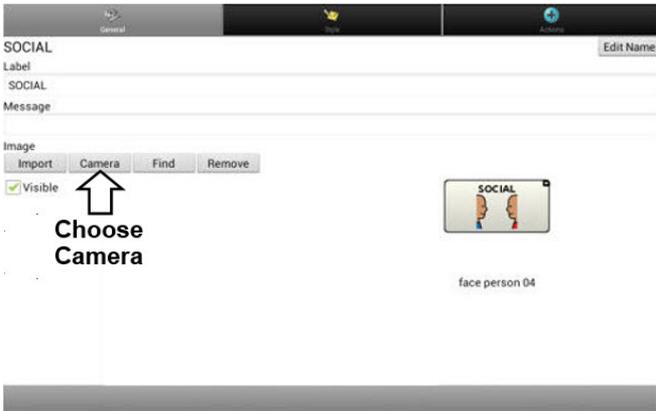


Choose the image you want. The image will be displayed in the Button Properties. Choose **Save**.

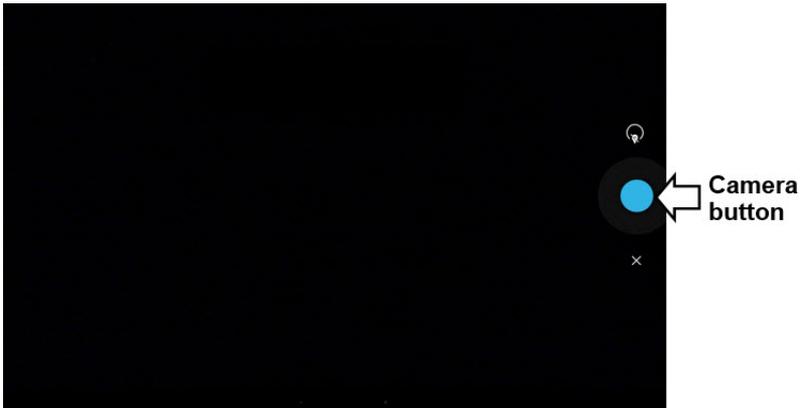
Note: If you don't find the appropriate image, enter a new item in the text box, choose **Search**, and choose a different image.

Creating Your Own Image

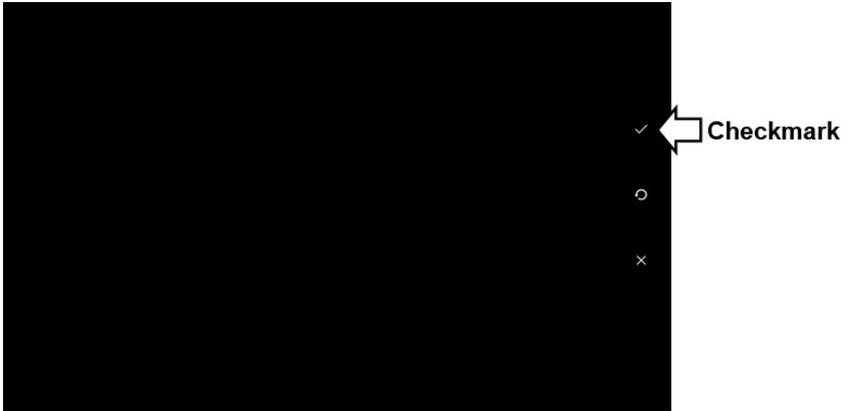
1. Choose **Menu > Edit Mode**.
2. Press and hold on the button. A menu will open.
3. Choose **Edit Button** to display the Button Properties.



4. From the Button Properties, choose **Camera**.



5. Tap the Camera button. A checkmark will be displayed with the image.



6. Tap the checkmark. The keyboard opens.
7. Enter a name for the image and choose **Save**.

Using an Existing Image

If you find that the image you need is not available from the device library, you can use your own digital, scanned, downloaded, or homemade image and import that image directly into the button.

Note: If you are using the Editor, the image must be on the same computer. If you are importing directly from the device, the image must already be stored on the device.

To import an image:

1. From the Button Properties, choose **Import**.
2. Select the image you want.

If you are using the device, choose **Photos** and choose the appropriate image. If you are using the Editor, locate and select the image and then choose **Open**.

3. Once you have selected the image, choose **Save**. The image will appear on the button.

Transferring Images

When you want to copy images from your computer to your device or from your device to your computer:

1. Attach the device to your computer using the USB cable provided.



Cords and cables are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

2. Give the device a moment to connect to the computer. The device screen will display “Transfer Mode”, and the computer will display a window with several options.
3. Click **Open device to view files**. The computer will view the device as an external drive.
4. Copy the appropriate images from the computer to your device’s **Pictures** folder or from the device to the appropriate folder on the computer.
5. Unplug the USB cable.

Hiding Buttons

It may be useful to hide some of the buttons when initially presenting a vocabulary to the device user.

Presenting all buttons at once may be overwhelming. Hiding some of the buttons will allow the device user to more easily focus on specific vocabulary being presented.

Hiding a button does not delete the associated information. The information can be viewed again when appropriate.

You can hide a single button or multiple buttons.

Hiding a Button

To hide a single button on your device:

1. Choose **Menu > Edit Mode**.
2. Press and hold the button to hide.
3. Choose **Edit Button** to display the Button Properties.
4. Uncheck the **Visible** box.

Note: Unchecking the Visible box makes a button invisible in standard mode and disables the button action automatically.

5. Choose **Save**.

To hide a single button using the Editor, right-click, choose the **Style tab**, and uncheck the **Visible** box.



Hiding or Showing Multiple Buttons

Choose **Menu > Edit Mode > Hide Mode**. You now have three options:

Option	Description
Hide a button	Choose buttons one by one to hide or show.
Hide all buttons	Choose Hide All to hide all buttons on the current page.
Show all hidden buttons	Choose Show All to show all buttons that had previously been hidden on the current page.

To exit Hide Mode, choose **Menu > Hide Mode**.

Saving Hidden Button Settings

If you hide buttons to work on a particular curriculum and would like to save those settings for your next session, choose **Menu > Settings > Input >** and check **Show Hidden Buttons**.

The device or Editor will remember all of the currently hidden buttons.

To start where you left off during your last session, choose **Menu > Settings > Input >** and uncheck **Show Hidden Buttons**.

Hiding and Showing Button Images

If you prefer buttons to display the text labels only, with no images, choose **Menu > Settings > Style**. Then deselect **Show Button Images**. Buttons that have both labels and images will now display the labels only. In some vocabularies, buttons that have images only (such as the Home and the Next and Back arrows) will retain their images. For example:



Vocabulary page with labels, no images except Home and Next arrow

In other vocabularies, buttons that have images only (such as some Home and Next and Back arrows) might not retain their images. To correct this, edit the button and add a space to the label.

To show all button images, choose **Menu > Settings > Style**. Then select **Show Button Images**.

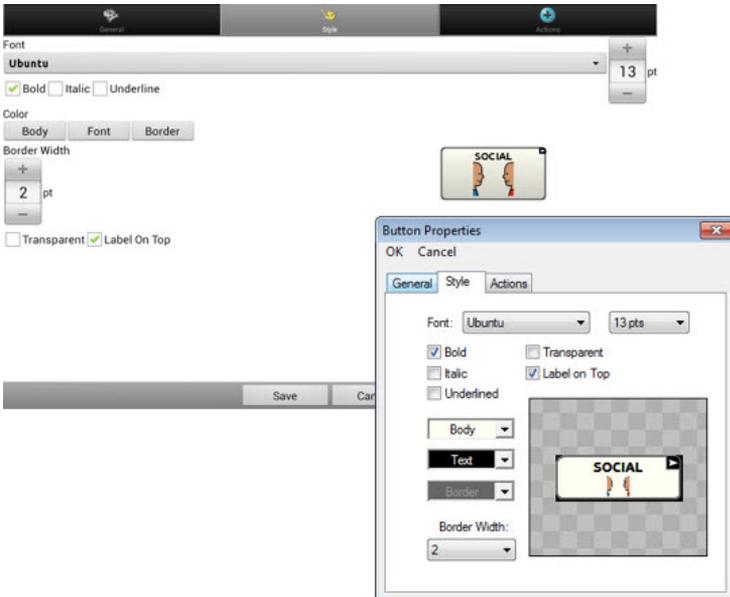
Modifying Button Styles

You can modify styles and color saturation for individual buttons, all buttons on a page, or all buttons in a vocabulary file. You can also override button styles set up for pages and vocabulary files for a single button.

Modifying a Button Style

You can only modify a button's style in Edit Mode.

1. Choose **Menu > Edit Mode**.
2. Press and hold a button. (Right-click if you are using the Editor.) A list of button options appears.
3. Choose **Edit Button** to display the Button Properties.
4. Choose the **Style** tab. The button style properties are displayed.



5. Use the pull-down lists to select the font color, body color, border color, font, size, shape, and border width for the button.
6. Check **Label on Top** to define the label position.
7. Check **Bold**, **Italic**, or **Underlined** to modify label text.
8. If you want to create a visual scene in which the location speaks but the button itself does not appear, choose **Transparent**.
9. When you finish making changes, choose **Save**.

Modifying Button Color Saturation

Saturation (gradient fill) adds the appearance of depth to a button. To adjust the color saturation on the device:

Choose **Menu > Settings > Style > Enable**. Then choose **Saturation**.

The current saturation setting will be displayed. Lower numbers add more background color to the buttons.

1. To increase saturation, tap **+**.
2. To decrease saturation, tap **-**.
3. Choose **OK**.

To adjust the color saturation in the Editor, choose **Settings > Style > Button Style**. Under Gradient Fill, verify that Saturation is selected, click the saturation percentage list box arrow to open a list of percentages, and select a higher or lower percentage. Then click **OK**.

Overriding a Vocabulary Button Style

You can modify the style of all buttons in a vocabulary file at one time.

1. Open the vocabulary file you want to modify.
2. Choose **Menu > Edit Mode**.
3. Press and hold anywhere on the page. (Right-click if you are using the Editor.) A list of button options appears.
4. Choose **Button Style Override**. The Button Properties screen opens to the Button tab.
5. Choose the **Vocabulary** tab.
6. Select the style options you want to modify, modify the setting for each selected option, and choose **Save**.

If you are using the Editor, select an option you want to modify, select the **Edit** button for that option, modify the setting, and select **Done**. Do the same for any other options you want to modify. When you finish making changes, choose **OK**.

Overriding a Page Button Style

You can modify the style of all buttons on a page at one time.

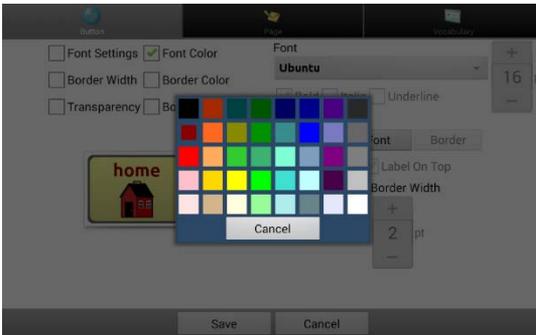
1. Display the page you want to modify.
2. Choose **Menu > Edit Mode**.
3. Press and hold anywhere on the page. (Right-click if you are using the Editor.) A list of button options appears.
4. Choose **Button Style Override**. The Button Properties screen opens to the Button tab.
5. Choose the **Page** tab.
6. Select the style options you want to modify, modify the setting for each selected option, and choose **Save**.

If you are using the Editor, select an option you want to modify, select the **Edit** button for that option, modify the setting, and select **Done**. Do the same for any other options you want to modify. When you finish making changes, choose **OK**.

Overriding a Specific Button's Style

You can override a page style or vocabulary file style by changing one or more attributes of a specific button.

1. Choose **Menu > Edit Mode**.
2. Press and hold on the button you want to modify. (Right-click if you are using the Editor.) A list of button options appears.
3. Choose **Button Style Override**. The Button Properties screen opens to the Button tab.
4. Select the style options you want to change and make the changes. For example, if you select **Font Color**, choose **Font** and select a new color.



5. Choose **Save**.

Modifying a Button Arrow Link

Linking buttons display a linking arrow in the upper right corner of the button. The arrow indicates that the button will take you to a different page. You can resize or hide the linking arrow.



To resize a linking arrow:

1. Choose **Menu > Settings > Style**.
2. Under “Navigation Icons”, choose **Size**. The Select a Size menu opens.
3. Choose Smallest, Small, Normal, Large, or Largest.

If you are using the Editor, select **Settings > Style > Button Style**. The Button Style menu window opens. Under “Navigation Icons”, select the size you want and select **OK**.

To hide a linking arrow:

1. Choose **Menu > Settings > Style**.
2. Under “Navigation Icons”, choose **Size**. The Select a Size menu opens.
3. Choose **Hide**.

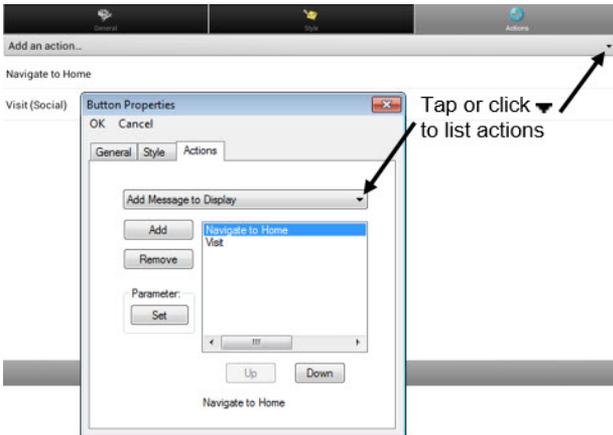
If you are using the Editor, select **Settings > Style > Button Style**. The Button Style menu window opens. Under “Navigation Icons”, select **No Show** and select **OK**.

Adding or Modifying a Button Action

A single button can perform a number of different actions. For example: different speaking options; adding grammatical endings to words; clearing the display; or backspacing.

To add or modify a button's action:

1. Choose **Menu > Edit Mode**.
2. Press and hold the button you want to modify. (Right-click if you are using the Editor.) A list of button options opens.
3. Choose **Edit Button**. The Button Properties are displayed.
4. Choose the **Actions** tab.
5. Tap or click the arrow ▼ to open a list of actions.



6. Choose the action you want.
7. Remove any existing action that is not appropriate.
8. For some actions, you will be prompted for additional steps. For example, if you choose a linking action such as **Navigate** or **Visit**, you will be asked to choose the page to link the button to.
9. Choose **Save**. (Click **OK** if you are using the Editor.)

Note: To perform no action, remove all actions from the button.

Available Button Actions

Action Name	Description
No Action	Performs no action
Add Message to Display	Inserts text from the button's message box into the display, but the words are not spoken
Add Time/Date to Display	Displays the current date and time in the Speech Display Bar (SDB)
Apply Grammar Property	Identifies a word as an adjective, noun, or verb. See Appendix A: Advanced Grammar Features on page 267.
Apply Grammar State	Applies a grammar rule to a word. See Appendix A: Advanced Grammar Features on page 267.
Apply Modifier	A modifier key is a special key on a keyboard that modifies the normal action of another key. (Caps Lock, Ctrl, Functions, Num Lock, Shift)
Backspace key	Deletes the last character in the display
Battery Status	Displays the current battery status in the SDB
Cancel Visit	Clears all remaining visits
Character Prediction	Sets the prediction order (1-10) for character prediction buttons on a keyboard page.
Clear All Modifiers	Releases any Shift, Caps, Ctrl or Num Lock modifiers.
Clear Display	Clears the text in the SDB
Clear Grammar State	Clears a grammar rule that has not been applied to a word. See Appendix A: Advanced Grammar Features on page 267.
Clear Last Word	Deletes the last word in the SDB

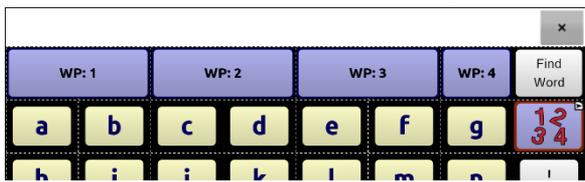
Action Name	Description
Data Logging On/Off	Toggles data logging on and off
Done	Functions only when Send or Create Contact is displayed in the SDB. Done provides an alternative button that may be easier for the user to access than the Send or Create Contact buttons.
Find Word	Finds the path to a word you are looking for. When you tap a button and then tap Find Word, the path to the word is displayed in the SDB.
Grammar Action	Changes the existing word to the chosen grammatical form, add -ed, add -en, add -er, add -est, add -ing, add -s
Help Signal	Triggers a loud attention-getting sound
Jump to Page (see also Using Navigate, Visit, and Jump to Page)	Jump to Page takes you to a new page for a single hit and then takes you back to the page that has the jump to page button.
Load Display	Recalls text that had been saved and adds it to the display
Navigate (see also Using Navigate, Visit, and Jump to Page)	Takes you to a new page and leaves you there
Navigate back	Returns to the previously accessed page
Navigate to home	Takes you to the home page
Open Android Application	Opens a specific Android application. (not functional with a closed/dedicated system) <i>Dedicated devices:</i> This action is not available on dedicated devices.
Play audio	Plays audio files. These are recordings of someone speaking or sounds.

Action Name	Description
Play Library Audio	Plays audio files from the audio library <i>Dedicated devices:</i> This action is not available on dedicated devices.
Play Library Video	Plays video files from the video library <i>Dedicated devices:</i> This action is not available on dedicated devices.
Record Audio	Records audio files. These are recordings of someone speaking or sounds.
Repeat Last Spoken	Repeats the last spoken message
Save Display	Saves the text currently showing on the display for later use.
SDB - Copy Text	Copies all text in the SDB and places a copy in the Clipboard <i>Dedicated devices:</i> This action is not available on dedicated devices.
SDB - Paste Text	Adds text from the Clipboard to the SDB <i>Dedicated devices:</i> This action is not available on dedicated devices.
SDB - Share Text	Copies all text from the SDB to the chosen social network <i>Dedicated devices:</i> This action is not available on dedicated devices.
Select Profile	Changes Settings to match the saved set of settings that was saved as a profile
Speak	Pronounces the SDB content
Speak Label Only	Speaks the label
Speak Last Sentence	Speaks the sentence

Action Name	Description
Speak Message Only	Speaks the message, but doesn't display the text
Speech Message	Types the button message in the SDB and pronounces it
Stop	Stops the speech or audio file currently playing
Stop Library Audio	Stops audio files from the audio library <i>Dedicated devices:</i> This action is not available on dedicated devices.
Stop Scan	Stops a scan
Store Text to Button	Stores text currently in the SDB to the next chosen button
Take Photo	Activates the camera so you can take pictures that will appear on a button and will also be saved with other images on the device.
Texting - Add Number as Contact	Adds a new contact from a received text message.
Texting - Compose Message	Creates a message to text to one of your contacts. This action is used on the Reply button. When you choose Reply , the action takes you to Home, with the "Enter the text to send" prompt and Send button in the SDB. If you want this action to take you to a different page—a keyboard, for example—add a "Navigate to" action.
Texting - Contact	Displays the name and phone number of the current contact. This action is used in conjunction with the Texting Compose Message action.
Texting - Conversation Participants	Displays all the participants in a conversation.

Action Name	Description
Texting - Copy Text Message	Copies the selected text message to paste into a text message you want to send to someone else.
Texting - Delete Conversation	Deletes the selected conversation. <i>Note:</i> If you add this action, be sure to also add the Texting Navigate to Conversations action after it.
Texting - Delete Text Message	Deletes the selected text message.
Texting - Message Details	Displays the text, date, and time for the selected text message. <i>Note:</i> This action displays the date only if the message is older than one day.
Texting - Navigate to Contacts	Navigates to your list of contacts.
Texting - Navigate to Conversations	Navigates to your list of conversations.
Texting - Navigate to Message Details	Navigates to the text message details page, which displays the text, date, and time of the selected message. <i>Note:</i> This action displays the date only if the message is older than one day.
Texting - Navigate to Messages	Navigates to your list of messages for a contact.
Texting - Page Down	Pages down through a list of messages or a list of contacts when there are too many to fit on the screen at a time.
Texting - Page Up	Pages up through a list of messages or a list of contacts when there are too many to fit on the screen at a time.

Action Name	Description
Texting - Send SDB	Sends the current contents of the Speech Display Bar as a text message and clear the SDB. The list of messages for the contact is then displayed with the new message at the bottom of the list.
Texting - Speak Text Message	Speaks the currently selected text message.
Toggle Mute / Unmute	If the device is currently speaking a long message, selecting this button will not stop the speech but will stop the speech from being spoken aloud. Selecting the button again lets the text be heard.
Visit (see also Using Navigate, Visit, and Jump to Page)	Takes you to a new page for a single hit and then takes you back and remembers if you did not use up the visit
Visit Exception	If you have one button on a Visit page that you don't want to return to the previous page, use a Visit Exception action to leave it on the page for one additional hit.
Volume Down	Turns down the volume.
Volume Up	Turns up the volume.
Webhook	Adds a webhook event to a button.
Word Prediction	Sets the prediction order (1-10) for word prediction buttons on a keyboard page.



Using Navigate, Visit, and Jump to Page

Action	Description
Navigate	Navigate takes you to a new page and leaves you there.
Visit	<p>Visit takes you to a new page for a single hit and then takes you back and remembers if you did not use up the visit.</p> <p>Example: If you visit the Describer page and then navigate to the Spelling keyboard from the Describer page, the system will remember the unused visit and go back after you type a single letter on the keyboard page.</p>
Jump to Page	<p>Jump to Page takes you to a new page for a single hit and then takes you back to the page that has the jump to page button.</p> <p>Example: The jump to page button is located on the Stores page. If you jump to the Describer page and then navigate to the Spelling keyboard from the Describer page, the system will take you back to the Stores page after you type a single letter on the keyboard page.</p>

Copying Buttons

The Chat software allows you to copy a button, copy and reuse the same button, copy a button style, and use a button in multiple places.

Copying and Pasting a Button

Buttons can be copied and pasted to new locations. If you modify a copy of a button, you will edit only the copy.

1. Press and hold on the button you want to copy.
2. Choose **Copy**.
3. Press and hold on the location for the new button.
4. Choose **Paste**.

Copying and Reusing the Same Button

If you modify a button that is used in multiple locations, the button will also be modified automatically everywhere else it appears. You may want to use this technique on buttons that contain tools used on each page.

1. Press and hold on the button you want to copy.
2. Choose **Copy**.
3. Press and hold on the new location.
4. Choose **Use Same Button**.

Copying and Pasting a Button Style

To copy only the appearance (color, font, etc.) of a button:

1. Press and hold the source button and choose **Copy Button Style**.
2. Press and hold the target button and choose **Paste Button Style**.

Using a Button in Multiple Places

A button can be used in multiple pages.

1. Choose **Menu > Edit Mode**.
2. Press and hold on an empty location.
3. Choose **Add Button from Library**.
4. Choose the page on which the button resides.
5. Choose the button to use.

Prioritizing Buttons

Buttons can be prioritized by their position on the page or by their size. These procedures are performed with Edit Mode on.

Rearranging Buttons

You can quickly rearrange the layout of buttons on a page using “drag-and-drop swapping”. This procedure allows you to swap the contents of two buttons. Drag the first button over the top of the second button, then lift from the screen. The contents of the two buttons will be swapped immediately.

Resizing a Button

A button can be emphasized by making it larger than the others on a page.

If you are increasing the size of the button, the button will expand to the right or down. The button will draw over the buttons to the right or below it, rearranging buttons as needed. If the button is already in the far left or right column or the bottom row, move the button to the left or up to provide for additional space.

1. Choose **Menu > Edit Mode**.
2. Press and hold the button that you want to resize.
3. Choose **Change Button Size**.
4. Set the number of cells you want the button to fill both vertically and horizontally.
5. Choose **Save**.

Working with Button Sets

A button set is a group of buttons “stacked” in the same location. For example, consider how a keyboard works. When you press the Shift key, uppercase letter keys are available in the same key locations as, or “on top of”, lowercase letter keys. This is basically how a button set works.

For a detailed example, the Word Finder keyboard first displays the lowercase letter keys.



If you choose the arrow key , the uppercase letter keys are displayed in the same locations as, or on top of, the lowercase letter keys.



If you choose the **Sym** key, symbols are displayed in the same locations as, or on top of, the letter keys.



If you chose the 1/2 key, different symbols are displayed in the same locations as, or on top of, the previous symbol keys.



In each location, a lowercase letter, an uppercase letter, a symbol, and a different symbol are “stacked”. This is a button set. Button sets on a vocabulary page work the same way.

When you turn on Edit Mode and press and hold on the first button in a button set, the menu that opens includes the following button set options.

- Copy ButtonSet** Copy ButtonSet copies the displayed button in a button set.
- Paste ButtonSet** Paste ButtonSet pastes the copied button.
- Use Same ButtonSet** When a button is used in multiple locations, Use Same ButtonSet pastes the copied button set to all locations of the button.
- Edit ButtonSet** Edit ButtonSet allows you to change the modifier in a button set. Select the small arrow on the Modifier bar and select a different modifier.
- Change ButtonSet Size** Change ButtonSet Size changes the size of the buttons “stacked” in the current location.
- Remove ButtonSet** Removes the buttons “stacked” in the current location. When you select Remove ButtonSet, the following prompt appears: “Are you sure you want to remove this ButtonSet?” Choose **Yes**.
- Add ButtonSet from Library** Adds an existing button set to the current location.

Creating a Page

Pages are levels of specific vocabulary linked together to create a vocabulary file specific to the device user. You can create a page by using any of these methods: Create a new page; create a copy of a page; create a page from a template; copy a page from a different vocabulary file.

Creating a New Page

1. Choose **Menu > Edit Mode > Pages**.
2. Choose **Menu > New Page**.
3. Give the page a descriptive name.
4. Select the number of rows and columns you need.
5. To change the background color of the page, choose **Set** and choose a color from the palette.
6. To add a background image to your page, choose **Import** to use an image stored on the device or choose **Find** to search for an image stored in the device library.
7. Select an alignment option. To center the image, select **Center**. To stretch the image to fill the page, select **Fit**. (If you stretch the image, the aspect ratio will not change, so it might not totally fill the page.)
8. Choose **Save**. A blank page will be created in your vocabulary file, ready for you to place buttons.

Creating a Copy of a Page

1. Choose **Menu > Edit Mode > Pages**.
2. Choose the page to duplicate. (Right-click on the page if you are using the Editor.)
3. Choose **Duplicate**.
4. Give the page a new name and choose **Save**.

Creating a Page from a Template

1. Choose **Menu > Pages > Menu > New from template**.
2. Choose the appropriate template and choose **OK**.
3. Give the page an appropriate name and choose **Save**.

Copying a Page from a Different Vocabulary File

You can copy one or more pages from a different vocabulary file to use in the current vocabulary file.

1. Choose **Menu > Pages > Menu > Import**.
2. Choose the vocabulary file that includes the page you want.
3. Check the appropriate page. To import multiple pages, check all the pages you want.
4. Choose **Import**.
5. Create a button to link to the new page or pages.

Animating Page Transitions

To add animation when you move from one page to another, choose **Menu > Settings > Style > Animate All** to insert a checkmark. To remove the animation, choose **Animate All** to remove the checkmark.

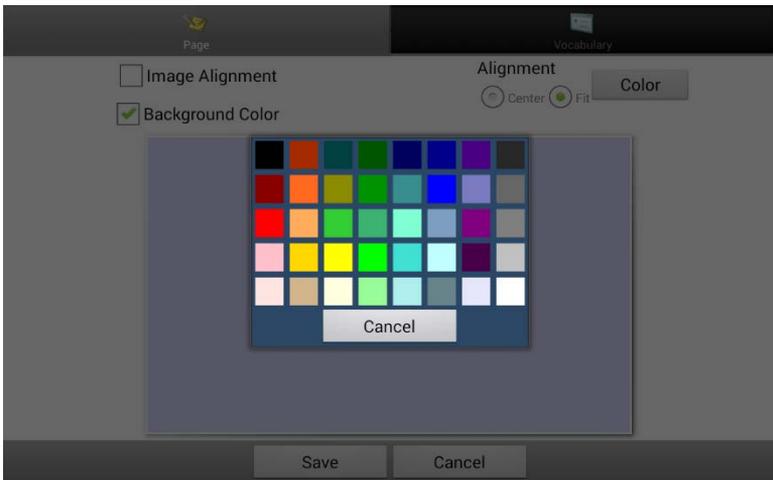
Adding a Grid to Pages

To add a wire-frame grid to pages, choose **Menu > Settings > Style > Show Grid** to insert a checkmark. To remove the grid, choose **Show Grid** to remove the checkmark.

Overriding a Page Style

You can override the style of the pages in a vocabulary file by changing the image alignment or background color for a specific page.

1. Choose **Menu > Edit Mode**.
2. Press and hold on any button on the page you want to modify. (Right-click if you are using the Editor.) A list of button and page options appears.
3. Choose **Page Style Override**. The Page tab displays Image Alignment and Background Color options.
4. Select the style options you want to change and make the changes. For example, if you select **Background Color**, choose **Color** and select a new color.



5. Choose **Save**.

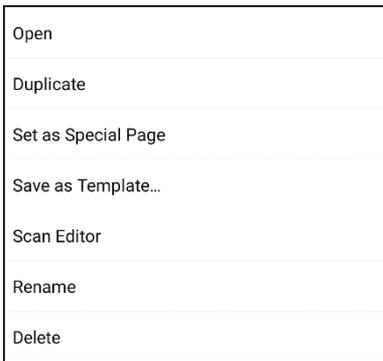
Working with Special Pages

You can set a vocabulary page as a special page. Your home page and texting pages are special pages. You can use special pages as follows:

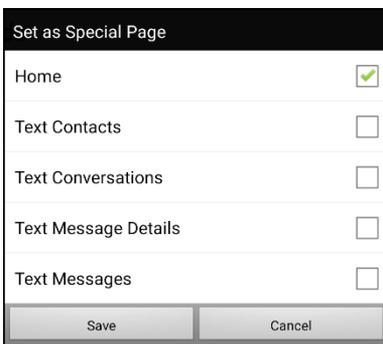
- Set any vocabulary page your home page
- Set an imported texting pages as a special page
- Set a texting special page as your home page

Changing Your Home Page

1. Choose **Menu > Edit Mode > Pages** to open a list of available pages.
2. Scroll to the page you want to use as your home page.
3. Press and hold on the page name. A list of options appears.



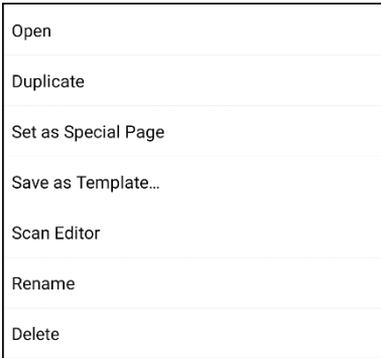
4. Select **Set as Special Page**. A list of Special Page options appears.
5. Select **Home**.



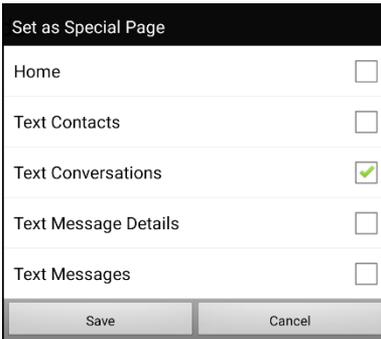
6. Choose **Save**. The home icon  precedes the page name.
7. Choose **Back** to exit the list of pages.
8. Choose **Menu > Edit Mode** to exit Edit Mode.

Setting an Imported Texting Page as a Special Page

1. Choose **Menu > Edit Mode > Pages** to open a list of available pages.
2. Scroll to the text page name.
3. Press and hold on the page name. A list of options appears.



4. Select **Set as Special Page**. A list of Special Page options appears.
5. Select the applicable special page designation. For example, if the page name is “Texting Conversations”, select **Text Conversations**.



6. Choose **Save**. The texting special page icon  precedes the texting page name.
7. Choose **Back** to exit the list of pages.
8. Choose **Menu > Edit Mode** to exit Edit Mode.

Note: For additional information on using special pages to add texting to a vocabulary file, see [Adding Texting to a Customized Vocabulary File](#) on page 238.

Setting a Special Page as Your Home Page

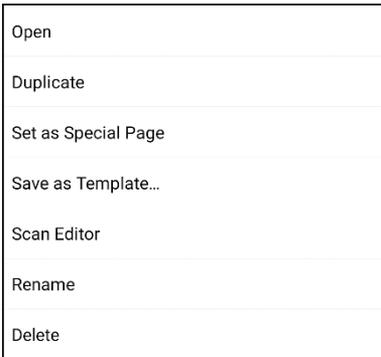
This example shows how to use a texting special page, Texting Conversations, as your home page.

1. Choose **Menu > Edit Mode > Pages** to open a list of available pages. An icon precedes the name of each special page in the list. For example, your home page and texting pages:

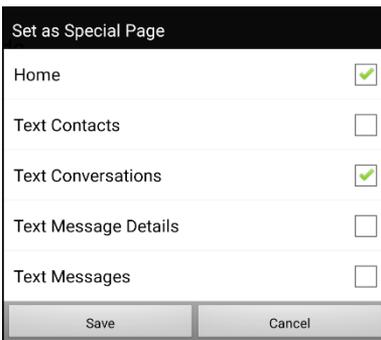
Holidays	☼ Texting Contacts
✓ 🏠 Home	☼ Texting Conversations
Home News	☼ Texting Message Details
Hygiene	☼ Texting Messages

Note: The checkmark ✓ indicates that this page is currently open in the application.

2. Scroll through the list of pages and then press and hold on the name of the page you want to use. A list of options appears.



3. Select **Set as Special Page**. A list of Special Page options appears.
4. Select **Home** and select **Text Conversations**.



5. Select **Save**.
6. When you make a special page your home page, two icons precede the page name. If the page is currently open, a checkmark ✓ also appears. For example:

 Texting Contacts	 Texting Contacts
 Texting Conversations	✓  Texting Conversations
 Texting Message Details	 Texting Message Details
 Texting Messages	 Texting Messages

7. Choose **Back** to exit the list of pages.
8. Choose **Menu > Edit Mode** to exit Edit Mode.

Creating a Visual Scene

You can create visual scenes that include any of the following:

1. Hotspots on the image that speak
2. Hotspots on the image that produce sounds
3. Hotspots on the image that navigate to other vocabulary pages
4. Buttons surrounding the image that speak or navigate to other pages

This section explains how to create a button that will take you to the visual scene, how to create a background image for the scene, and how to add hotspots and other buttons. You can create the visual scene on your device or use Chat Editor to create the scene and transfer it to your device.

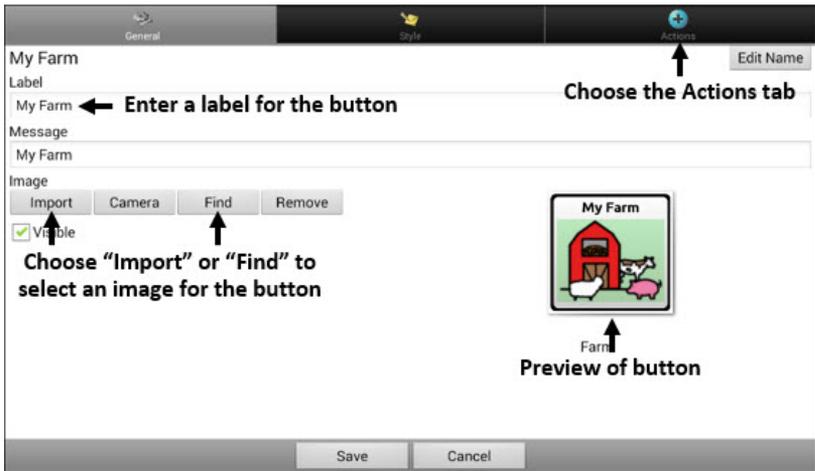
Before you get started: Make sure the image you want to use for the scene is on your device. You could use an image from the Chat library, use the device's camera to take a picture, or copy an image from your computer to the device. If you plan to use a sound that is not already available on the device, search the Internet for the appropriate sound in .wav format, download the file to your computer, and copy it to your device.

Note: For information on copying files from your computer to the device, see [Transferring Images](#) on page 80.

Create a Linking Button

1. Go to the page that you want to link to your new scene.
2. Choose **Menu > Edit Mode**.
3. Press and hold the button you want to link to the visual scene and choose **Edit Button**. The Button Properties will be displayed
4. To select the image you want for the button, either choose **Import** to use an image stored on the device or choose **Find** to search for an image stored in the Chat library.

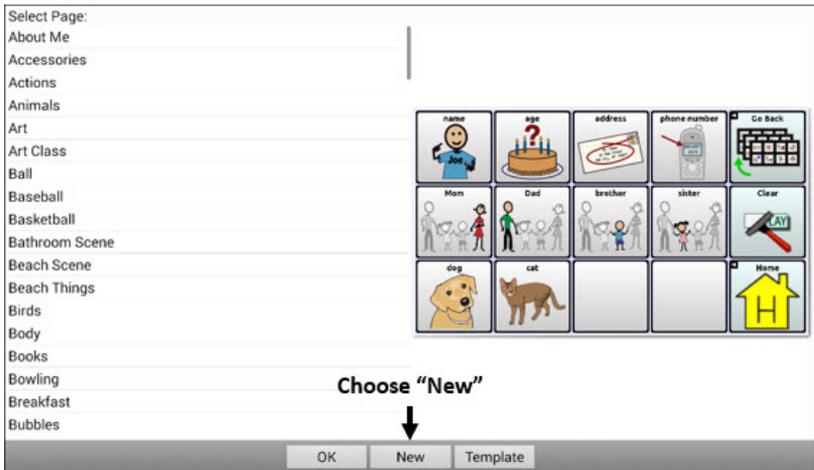
Note: This image could be the same one you plan to use for the visual scene page. This will make it obvious to the user where the button will lead. In this example, a simple farm image was imported. The same image will be used for the background of the visual scene page.



5. Enter a label for the button. In this example, the button is named My Farm.
6. Now you're ready to create the visual scene. Leave the Button Properties displayed and proceed to [Create a Visual Scene Page](#).

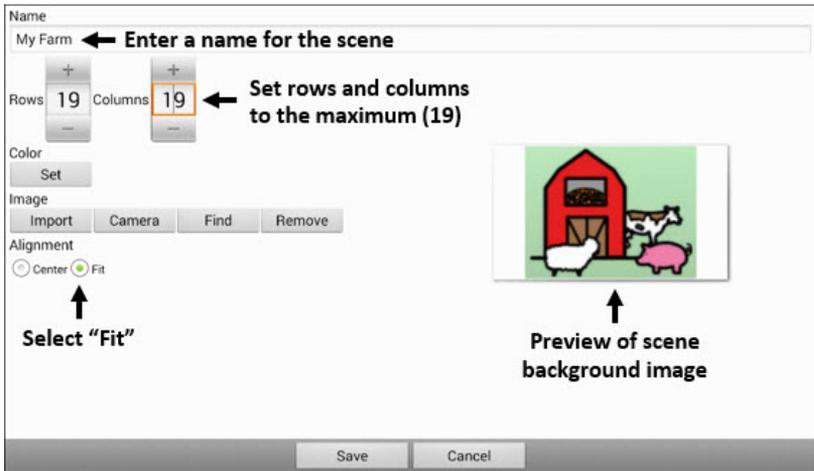
Create a Visual Scene Page

1. From the Button Properties, choose the **Actions** tab and tap the list arrow ▼ to open a list of actions.
2. Choose **Navigate**. A list of pages will open, allowing you to select the page to navigate to.
3. Because you haven't created the new page yet, choose **New** from the bottom of the screen.



4. Enter a name for the new page. In this example, the page is named My Farm.
5. Adjust the number of rows and columns, choosing the maximum number (19) for each. This will make it easier to create buttons that fit items in the image.
6. Choose **Import** or **Find** and select the background image for your page.

- Under Alignment, select **Center** or **Fit**. Fit will stretch the image to fill the page. If you stretch the image, the aspect ratio will not change, so it might not totally fill the page.



- Choose **Save**, choose **No Animation** and **Save**, and choose **Save** again.
- Now you're ready to add your first transparent button to the image. Proceed to [Add a Transparent Button to the Visual Scene Page](#).

Add a Transparent Button to the Visual Scene Page

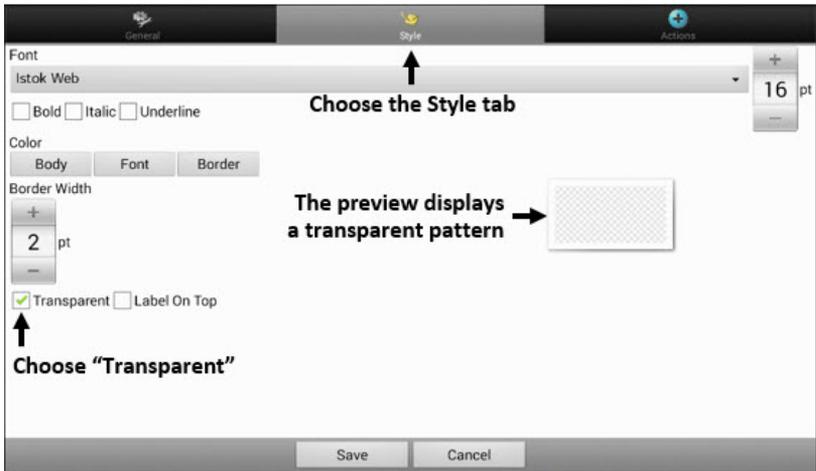
In Edit Mode, the page created in [Create a Visual Scene Page](#) appears as follows:



You could create a button that speaks the name of an animal, makes a sound, and/or navigates to another vocabulary page. This button will act as a hotspot when touched. For this example, create a button that will display and speak “cow”, play a “moo” sound, and navigate to a page about dairy food.

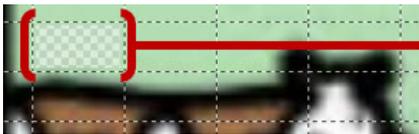
1. Press and hold the button cell located above and to the left of the cow. A list of button options will appear.
2. Choose **Create Button** to display the Button Properties.
3. Enter a message in the Message box. In this example, enter **cow**.
Note: Because you don’t want anything to appear on top of the image, do **not** type a label.
4. Choose the **Style** tab. The button style properties will be displayed.

5. Choose **Transparent**. This will allow the image to show through the button. The image preview will display a checkerboard pattern to indicate transparency.



Note: If you do not want to add a sound or navigation, skip steps 6 and 7 and proceed to step 8.

6. To add a sound for the cow, choose the **Actions** tab and select **Play Audio**. A list of options will be displayed. Select either **Import from file** or **Choose existing recording**.
7. To add navigation (for example, to a page about dairy food), select **Navigation** from the list of actions. A list of pages will be displayed. Select the page you want (in this example, **Dairy**) and choose **OK**. Then choose **No Animation** and **Save**.
8. Choose **Save**. The checkerboard transparent pattern will appear in the button cell you selected.

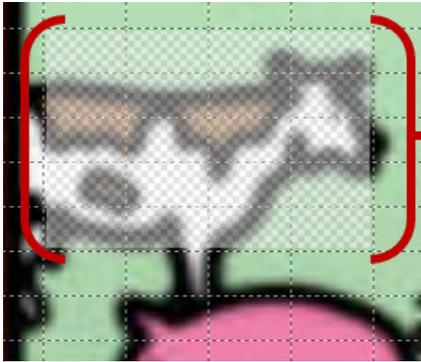


The transparent pattern appears in the button cell you selected

9. Press and hold the transparent button, choose **Change Button Size**, and adjust the vertical and horizontal cells. For example:



10. Choose **Save**. The transparent pattern will expand to the size you specified, showing the area the button will cover.



The transparent pattern shows the area the button will cover

Note: You may need to change the button size several times to cover the area you want. Each time, simply press and hold on the button, choose **Change Button Size**, and adjust the vertical and horizontal cells.

11. Create, resize, and save additional transparent buttons for other areas in the image. For example, you could create a button that speaks “pig” and makes a pig sound, another button for the sheep, and a button that speaks “barn”.
12. When you finish, choose **Menu > Edit Mode** to exit Edit Mode.
13. As you tap each animal, the device will identify the animal and make the appropriate sound.

Modify a Button's Actions

In the example above, choosing the cow button would display and speak “cow”, play a “moo” sound, and display a page about dairy food. If you decided to modify the button so that it would clear existing text from the Speech Display Bar (SDB), then display and speak “cow”, play a “moo” sound, and remain on the same page, you would need to remove the Navigate action, add the Clear Display action, and change the order of actions.

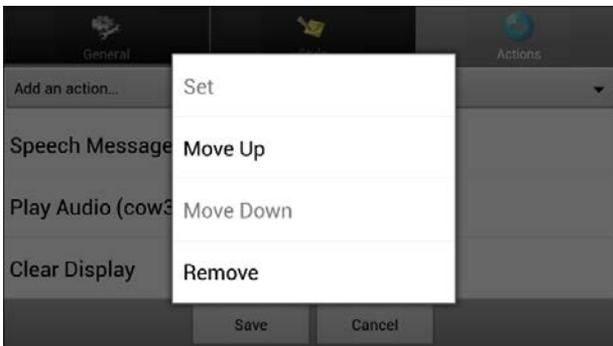
To remove the Navigate action:

1. In Edit Mode, choose **Edit Button** and choose the **Actions** tab to display the list of actions set up for the button.
2. Select **Navigate (Dairy, No Animation)** to open a menu.
3. Choose **Remove**.
4. Choose **Save**.

To add an action and change the order of actions:

When you add an action, it appears last in the list of actions set up for the button. If you added Clear Display to the end of the list, “cow” would be cleared from the SDB. To clear the SDB first, so that “cow” remained displayed, you would need to change the order of the actions.

1. In Edit Mode, choose **Edit Button** and choose the **Actions** tab.
2. Choose the **Actions** tab and select **Clear Display**. Clear Display will be added to the bottom of the list of actions set up for the button.
3. Select the **Clear Display** action to open a menu.



4. Choose **Move Up**. Clear Display will move up one position.

5. Choose **Clear Display** and **Move Up** again, so that Clear Display appears as the first action.
6. Choose **Save**.

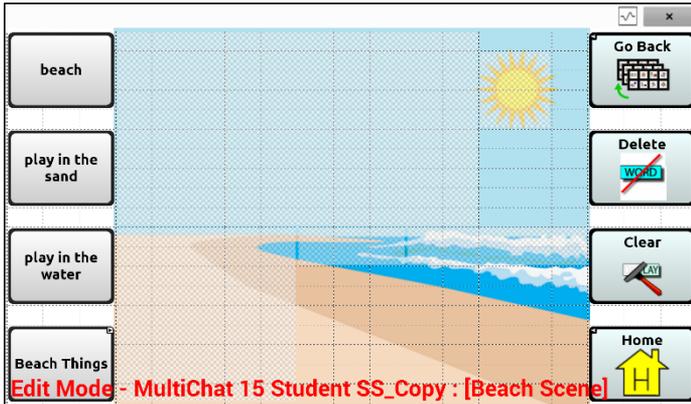
Alternative: Create the Scene and then the Linking Button

If you prefer to create your visual scene first, and then create the linking button, do the following:

1. Choose **Menu > Edit Mode > Pages**.
2. Choose **Menu > New Page**.
3. Enter a name for the page.
4. Choose the maximum number of rows and columns (19 each).
5. Choose **Import** or **Find** and add an image to the page.
6. Select **Center** or **Fit**. Fit will stretch the image to fill the page or most of the page.
7. Choose **Save**.
8. Add buttons to the page. To add buttons that act as hotspots, see [Add a Transparent Button to the Visual Scene Page](#).
9. When you finish adding buttons and have saved the page, go to the page that you want to link to your new scene and follow the procedure under [Create a Linking Button](#).

Create a Visual Scene with Buttons Surrounding the Image

You may prefer to create a visual scene with buttons outside the image instead of hotspots on the image.



Copy basic function buttons from other pages and paste them onto your visual scene page. The example above includes the Home, Clear, Delete, and Go Back buttons. To copy and paste a button:

1. Choose **Menu > Edit Mode**.
2. Navigate to a page that includes the button you want to copy.
3. Press and hold the button and choose **Copy Button**.
4. Navigate to your visual scene page.
5. Press and hold the location to which you want to paste the button.
6. Choose **Paste Button**.

Create additional buttons that will allow the user to tell a story about the scene. In the example above, buttons speak “Beach”, “Let’s play in the sand!”, and “Let’s play in the water!”, and another button navigates to a page of beach accessories.

Using Keyboards

A number of keyboards are available throughout the system. For example, WordPower files offer ABC and QWERTY options, MultiChat 15 provides a keyboard option for those using a keyguard, and each default file provides variations of keyboards to choose from.

You can select the specific keyboard you need or link a button to a keyboard.

Choosing a Different Keyboard

If the keyboard you want is not in the current vocabulary listing, you can choose a keyboard from the Template options.

If the keyboard you want is not included in your page listing or the template options, see [Copying a Page from a Different Vocabulary File](#) on page 100.

If you want to set up a key for quick access to a different keyboard, see [Linking a Button to a Keyboard](#).

Linking a Button to a Keyboard

1. Edit the button to link to the new keyboard.
2. Choose the **Actions** tab.
3. Press and hold (highlight, if you are using the Editor) the existing Navigate action and choose **Set**. Or, if no Navigation action has been chosen, choose **Navigate** from the drop-down menu.
4. Choose the new keyboard from the page listing.
5. Choose **OK**. The button should navigate to the new keyboard.

Working with Gestures

A gesture is a motion that can be made to the screen to trigger a specific action. An example of a gesture might be a “swipe down” on the screen that would clear the text from the Speech Display Bar. A gesture can apply a particular page (see [Creating a Gesture for a Page](#)), or it can be applied to all pages in a vocabulary file (see [Creating a Gesture for All Pages](#)).

Important! Once you create a gesture for a page or all pages, the only way to change the page applicability is to delete the gesture and create a new gesture. For example: If you wanted to apply a gesture that works on a specific page to all pages in a vocabulary file, you would need to delete the existing gesture, and then create a new gesture for all pages.

Turning Gestures On or Off

Because gestures might not benefit a particular individual, the Settings menu provides an On/Off option.

Important! Timing is not active when gestures are turned on. If the device user requires a Dwell Time for access, gestures are not recommended.

To turn gestures on or off:

1. Choose **Menu > Settings > Input > Gestures**.
2. Either check or uncheck the **Gestures** option.

Creating a Gesture for a Page

To create a gesture for a single page:

1. Open the page on which you want to create the gesture.
2. Choose **Menu > Edit Mode > Edit Page**.
3. Choose the **Gestures** tab at the top of the page.
4. Choose **Menu > New**.
5. Choose the type of gesture from the list box at the top of the screen. For example: One Finger Swipe Down.
6. Give your gesture a label; for example: “sw clears”.
7. Tap **Add an action** and choose an action from the drop-down menu. For example: Clear Display.
8. Choose **Save** twice.
9. Test the gesture by performing it on the page it was set up on.

Creating a Gesture for All Pages

To create a gesture for all pages in a vocabulary file:

1. Open the vocabulary file.
2. Choose **Menu > Edit Mode > Edit Vocabulary > Gestures**.
3. Choose the gesture from the list. For example: “One Finger Swipe Down”.
4. Choose **Edit**.
5. Give your gesture a label; for example: “sw clears all”.
6. Tap **Add an action** and choose an action from the drop-down menu. For example: Clear Display.
7. Choose **Save** twice.
8. Test the gesture by performing it from any page within the vocabulary file.

Working with Speech

When you select a speech synthesizer, you can select from a variety of voices to speak individual characters, words, phrases, or sentences. You can select exactly what and when you want to speak.

Selecting a Synthesizer and Voice

To access the available voices, choose **Menu > Settings > Speech Output > Voice > Synthesizer**. Select a synthesizer from the Synthesizer menu. Then choose **Voice Settings** to select a voice. The Acapela™ and Ivona™ synthesizers provide lists of voices from which to choose.

Select a voice and choose the **Test** button to hear a sample of the voice you selected. When you are satisfied with the voice you selected, choose **Save**.

If you are using Chat Editor, you will not have access to the synthesizer voices. “SAPI” voices were provided with the installer DVD for your computer. You should be able to select them from the Voice pull-down list.

Note: Chat Editor is not intended to function as a speech generating device. It is a support tool for modifying the client’s vocabulary so that the client can continue using the device while modifications are being made.

Adding a Pause between Words

You can force a specified speech delay between individual words.

Choose **Menu > Settings > Speech Output > Voice > Pause Between Words**. The current delay time will be displayed.

1. To increase the delay, tap **+** or type a higher number.
2. To decrease the delay, tap **-** or type a lower number.
3. Choose **Done** and then choose **OK**.

Adding Words to the Pronunciation Dictionary

Each synthesizer speaks words in its own way. You can add pronunciation exceptions to a dictionary for each synthesizer. The voice synthesizer on the Editor is not the same as the one on the device, and the two will not pronounce words in the same way. Pronunciation changes made on the Editor will not impact the device.

To add a word to the pronunciation dictionary:

1. Choose **Menu > Settings > Speech Output > Voice > Pronunciations**.
2. Choose **Menu > New**.
3. Type the word in the Pronounce box.
4. Tap **Next**.
5. Type the word's phonetic spelling in the Pronounce As box.
6. Test the word by choosing **Pronounce It**.
7. Once the word is pronounced properly, choose **Done**.
8. Choose **Save**.

To edit or delete a word from within the dictionary, press and hold on the entry and choose the appropriate option.

Configuring Speech Modes

You can configure the Chat software to speak after every character, every word, every sentence, or any combination of these settings.

Choose **Menu > Settings > Speech Output**. Check one or more options.

Setting	Description
Character	The voice speaks after every character
Word	The voice speaks after every word
Sentence	The voice speaks after every sentence
Auto Clear	Clears the Speech Display Bar automatically after a sentence or message has been spoken and the next text is chosen
Speech Off	Toggles all speech off and on

If you prefer to generate messages quietly, uncheck all options and speak by tapping the Speech Display Bar or by choosing a button provided with a Speak action.

Adding Acapela Vocal Smileys

Acapela-Group has created the capability of using Voice Sounds and Exclamations.

Adding a Sound

Sounds are produced by the speaker's voice for laughing, breathing, sneezing, coughing, or whatever sounds our voices can produce to mimic sounds we make in our daily lives. Sounds are always between two pound signs; for example: **#LAUGH02#** in capital letters and sometimes followed by numbers if there are more than one of the same kind. The children's voices have more sounds than adult voices.

Adding an Exclamation

Exclamations include a variety of letters and symbols. Type exactly what you see.

Finding a Vocal Smiley

To find the list of Acapela Vocal Smiley commands:

1. Go to <http://www.acapela-group.com/doc/Vocal%20smileys/excla.html>
2. Click the link to the appropriate language.

Important! The language you select must match the language of the voice you are using.

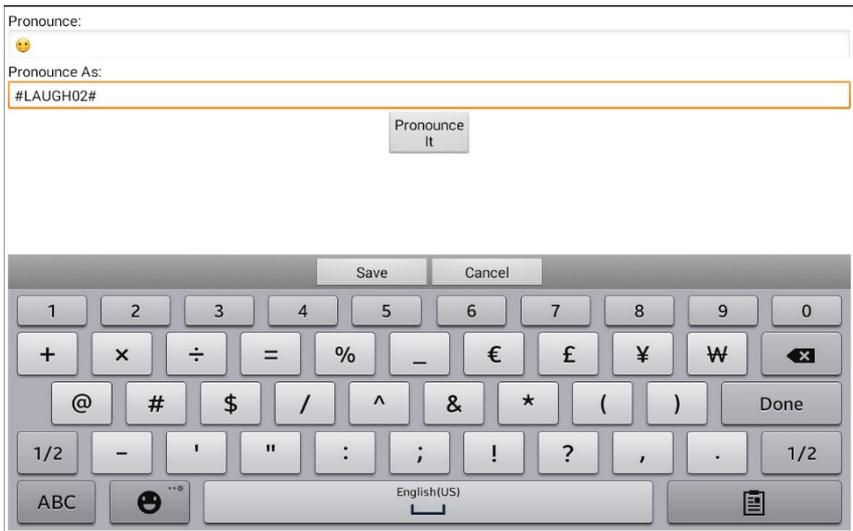
3. Select the specific Vocal Smiley you want.

Example: Add a Smiley Face and Laugh Sound to a Button

A button can be set up with the command in the message. However, if you use the “speech message” action, the command appears in the Speech Display Bar (SDB), which isn't ideal. A better way may be to set up a button with an emoticon symbol in the message.

For example, you could use a smiley face symbol. Note that you may need to go to **Settings > Keyboards** and add the Emoji keyboard so that you can type emoticon symbols. Once the button is set up with the emoticon and speech message, go to Pronunciations and add a pronunciation for the smiley face emoticon. Enter a command such as **#LAUGH02#** for the pronunciation.

The Pronunciation Editor can be found in **Settings > Speech Output > Voice > Pronunciations**. Choose **Menu** and **New**, Add the same Emoticon used on the button to the Pronounce box and add the command—for example, **#LAUGH02#**—to the Pronounce As box.



Now when you touch the button, the emoticon will appear in the Speech Display Bar and the laugh sound will be heard.

Setting Access Options

Some people may have trouble reliably selecting individual buttons or keys due to tremors or lack of fine motor control. To assist these individuals, the Chat software provides several different methods of "filtering" user input to make selections more reliable.

Choose **Menu > Settings > Input > Timing**. Three options are available for configuring the touchscreen: Activate on Release, Acceptance Time, and Release Time.

Activating Buttons on Touch or Release

When you set **Activate on Release**, you can touch anywhere on the screen and drag your finger (or stylus) around until you are on the button you want. Releasing the button will select it.

Activate on Release toggles between activating the screen immediately upon touch or upon release.

To set buttons to activate on release:

Choose **Menu > Settings > Input > Timing > Activate on Release**. A green checkmark shows that the option is selected.

To set buttons to activate when you first touch the screen, tap **Activate on Release**. The green checkmark disappears, indicating that the option is not selected.

Setting a Time for Button Activation

When you set **Acceptance Time**, a button is not selected until you hold your finger on it for a certain period of time. You can set the **Acceptance Time** using the numeric control in the dialog.

1. Choose **Menu > Settings > Input > Timing**.
2. Choose **Acceptance Time**.
3. Choose **Enable**.
4. Choose **Time** and set the time value.

Setting a Time to Prevent Selection of a Button Twice

Setting a **Release Time** helps prevent accidental selection of the same button twice. After a button selection, another button cannot be selected until the release time expires.

1. Choose **Menu > Settings > Input > Timing**.
2. Choose **Release Time**.
3. Choose **Enable**.
4. Choose **Time** and set the time value.

Setting up a Beep when a Button is Pressed

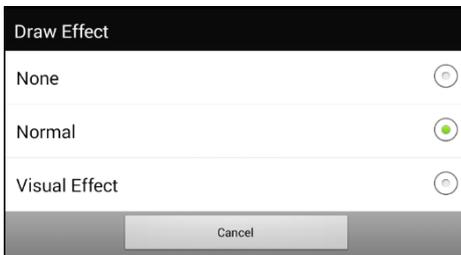
Some people may benefit from an auditory cue when a button is selected. The Input menu provides an option to toggle beeps on or off when a button is selected.

1. Choose **Menu > Settings > Input**.
2. Turn **Beep on Button Press** on or off.

Setting up a Visual Indication when a Button is Selected

Some people may benefit from a visual indication when a button is selected. The Button Press Draw setting allows you set the type of visual indication.

Choose **Menu > Settings > Input > Button Press Draw**. The Draw Effect window provides three options.



None

If you select **None**, no visual indication will appear when you select a button.

Normal

If you select **Normal**, you will be able to enable or disable a gradient fill to use as the style of visual indication when you select a button.

- Select **Normal**.
- Choose **Menu > Settings > Style**.
- Select **Enable** to turn on Gradient Fill.
- Select **Saturation**, adjust the color saturation (gradient fill), and select **OK**.

Note: Saturation adds the appearance of depth to a button.

Visual Effect

If you select **Visual Effect**, you can select from a variety of visual effects to use as the visual indication when you select a button.

- Select **Visual Effect**.
- Choose **Menu > Settings > Visual Effects**.
- Select the specific visual effect you want to use.

See [Configuring Visual Effects for Scanning, Headpointing, or Touch Access](#) on page 178 for descriptions of the available visual effects.

Configuring Pop-up Speech to Develop Literacy Skills

Some people may benefit from the display of animated text along with the spoken word when a button is selected. Text in motion draws the user's visual attention to the word spoken by the button. When a button displays an image, animated text helps the user associate the text with the image. Combining animated text with speech output promotes understanding and development of literacy skills.

The Input menu provides options to activate and configure pop-up speech. Choose **Menu > Settings > Input > Pop-Up Speech**. The speech pop-up options are displayed.

Option	Description
Pop-Up Spoken Text	When Pop-Up Spoken Text is turned on, a pop-up will display the spoken text when a button that speaks is selected.
Full-Screen	When Full-Screen is turned on, a pop-up fills the entire screen.
Zoom Rate 	To set how quickly a pop-up expands to its full size and then shrinks back into the button, select Zoom Rate . The Zoom rate window opens. To increase the rate, tap + . To decrease the rate, tap - . Or use the keyboard to enter the exact rate you want. Choose OK .
Timeout	When Timeout is turned on, a pop-up begins to shrink automatically after the specified Display Time is reached.
Display Time 	To set how long a pop-up remains displayed before it begins to shrink, select Display Time . The Display Time window opens. To increase the display time, tap + . To decrease the display time, tap - . Or use the keyboard to enter the exact display time you want. Choose OK .

Changing Device Orientation Settings

The Chat Fusion device allows the screen to rotate automatically when the device is tilted. This can be quite handy or a nuisance for some users. The application allows you to change orientation settings and use orientation tilt with the Speech Display Bar (SDB).

Changing Orientation Settings

Depending on the button layout, one orientation may be more helpful than another. For example, WordPower42 seems to work better in a landscape layout, but WordPower24 works better in a portrait layout.

To Allow Orientation to Change when You Tilt the Device:

Choose **Menu > Settings > Input > Tilt > Action**. Then choose **Auto Change Orientation**.

To Lock the Orientation:

The orientation setting can be locked to keep the screen from adjusting automatically when tilted.

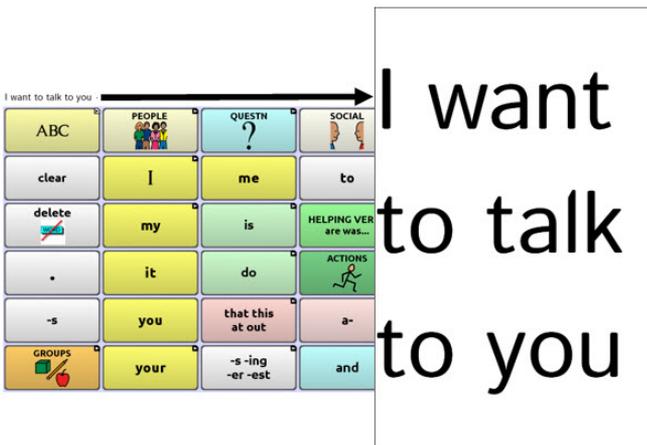
Choose **Menu > Settings > Input > Tilt > Action > No Action > Preferred Orientation**. Then select **Portrait** or **Landscape**.

Using Orientation Tilt with the SDB

In a quiet environment, using voice output might not be appropriate but communication is still needed. The tilt feature offers an Expand option that displays expanded text to the communication partner. This might also be of value in an extremely loud environment. To set the tilt option, choose **Menu > Settings > Input > Tilt > Action**.

Option	Description
Expand and Speak	When the device is tilted, the text in the speech display bar will fill the screen and be spoken.
Expand Only	When the device is tilted, the text in the speech display bar will fill the screen and no sound will be made.
Auto Change Orientation	The screen will shift orientation automatically when the device is tilted.
No Action	The screen will be locked in the current orientation.

If you select **Expand and Speak** or **Expand Only**, you can expand the Speech Display Bar for easier viewing by tilting the device.



Tilting the device back will redraw the vocabulary page.

For information on using and customizing the Speech Display Bar, see [Using the Speech Display Bar](#) on page 51.

Setting up Switch Scanning

As an alternative to directly selecting each button on the screen, the application offers single switch and two switch scanning. To access the options for customizing a scanning technique, choose **Menu > Settings > Input > Scanning**.

Setting	Description
Enable Scanning	Turns scanning on or off. You must turn scanning on to access the other settings.
Switch Access	Choose Switch Configuration or Auto Scan. Switch Configuration defines the selection method: One Switch (Touchscreen); One Switch (Amp Jack A); Two Switch (Amp Jack A, Touchscreen); Two Switch (Amp Jack A, Amp Jack B); One Switch (Keyboard 1.1); or Two Switch (Keyboard 1.1, Keyboard 2.1). Auto Scan allows you to turn auto scanning on or off.
Auditory Prompts	Defines audio feedback during scanning. You can set the speaker or an earphone as the audio output device, adjust prompt volume, turn a scanning beep on or off, set a button prompt, and set the voice pitch and rate.
Patterns	Sets the scanning pattern to linear, row/column, block, or flow and turns on or off scanning of the Speech Display Bar and empty button areas. If you want to customize scan patterns for the user, see Configuring Custom Scan Patterns on page 145.
Scan Timing	Defines the scanning speed and the number of rescans and turns activation delay and auto restart on or off.

Configuring Switches

To use an external switch, plug the switch into either switch jack A or switch jack B on the side of the device.

Switch jack A

Switch jack B



You can choose to have scanning activate automatically, or you can choose to either hold the switch or step to each location. With Auto Scan off, a switch activation is required to move the scan through each button, one at a time.

1. To enable scanning, choose **Menu > Settings > Input > Scanning > Enable Scanning.**
2. Choose **Switch Access > Switch Configuration.**
3. Choose the selection method: One Switch (Touchscreen); One Switch (Amp Jack A); Two Switch (Amp Jack A, Touchscreen); Two Switch (Amp Jack A, Amp Jack B); One Switch (Keyboard 1.1); or Two Switch (Keyboard 1.1, Keyboard 2.1).
4. To set scanning to activate without holding a switch, choose **Switch Access > Auto Scan.**
5. To find other switch scanning options, choose **Back.**

Setting up a Bluetooth Keyboard

If you connect a Bluetooth keyboard to your device, you will need to set up the keyboard to use the commands Space and Enter.

1. Choose **Menu > Settings > Input > Scanning > Enable Scanning**.
2. Choose **Switch Access > Keyboard Switch**. Space and Enter options are displayed
3. Choose the selection method: Switch 1.1 [Space] or Switch 2.1 [Enter]. The prompt “Press any key” will be displayed.
4. Press any key on the Bluetooth keyboard.

When you have a Bluetooth keyboard or switch connected to your device, you may not be able to access the on-onscreen keyboard when editing a button. To enable the keyboard, you need to turn on the virtual keyboard in the Android operating system settings.

Device	How to Turn on the Virtual Keyboard
Chat Fusion 8 · 1st Generation	Connect the Bluetooth keyboard or switch to the device. In the Android operating system, choose Settings > Language and Input > Physical Keyboard . Turn on the Show Virtual Keyboard setting that appears at the top.
Chat Fusion 10 · 1st Generation	Connect the Bluetooth keyboard or switch to the device. In the Android operating system, choose Settings > Language and Input > Default Keyboard . The virtual keyboard setting is labeled “Hardware”. Turn the option on.

Setting up Touchscreen Scanning

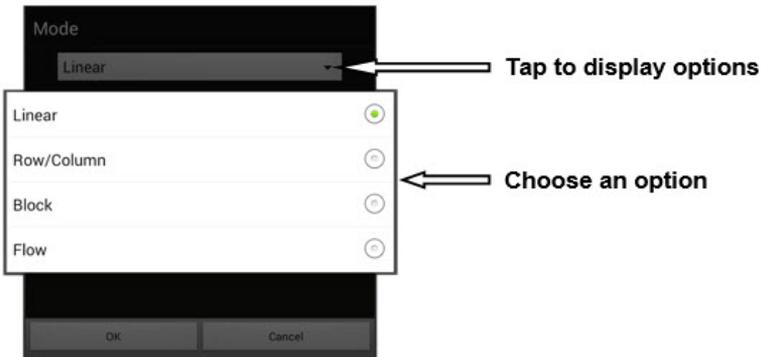
There are times when a user is not capable of activating specific areas on the screen. For example, maybe the user does not have the pointing skills to hit one button. Using the touchscreen to scan allows the user to tap anywhere on the screen to initiate a scan of the buttons. In this scenario, the device screen acts as a single switch.

1. Choose **Menu > Settings > Input > Scanning > Enable Scanning**.
2. Choose **Switch Access > Switch Configuration**.
3. Choose **One Switch (Touchscreen)**.
4. Configure other settings as appropriate.

Selecting the Scan Pattern

To select the scanning mode:

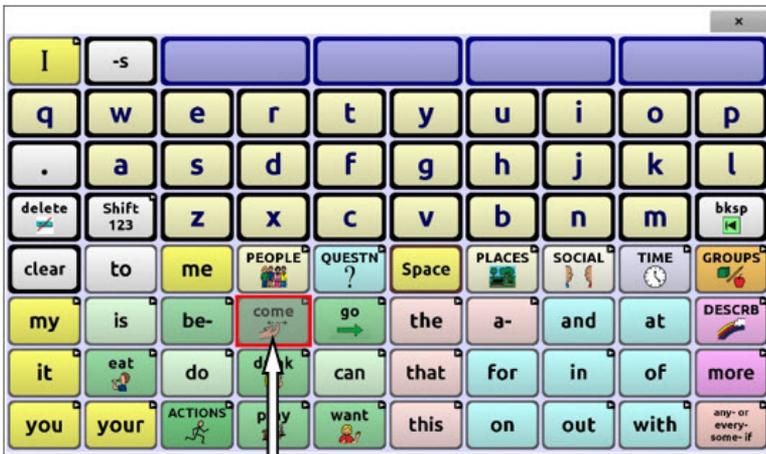
1. Choose **Menu > Settings > Input > Scanning > Patterns > Mode**. The Mode window will be displayed.
2. Tap the arrow ▼ to the right of the currently selected mode. A menu of mode options will be displayed.



3. Choose Linear, Row/Column, Block, or Flow.
4. If you select Block or Flow, see [Using Block Scan Mode](#) on page 136 or [Using Flow Scan Mode](#) on page 137 for details.
5. Choose **OK**.

Using Linear Scan Mode

A linear scan steps through the buttons from left to right beginning in the first row. When the button you want is highlighted, activate your switch.



Button highlighted

To select linear scan mode, choose **Menu > Settings > Input > Scanning > Patterns > Mode**. Select **Linear** from the Mode window.

To change the way a button is highlighted, see [Configuring Visual Effects for Scanning, Headpointing, or Touch Access](#) on page 178.

Using Linear Scan Mode with a Single Switch

1. Connect your switch to port A.
2. Verify that Enable Scanning is selected. Choose **Menu > Settings > Input > Scanning**. A checkmark should appear in the Enable Scanning checkbox.
3. Turn Auto Scan off. Choose **Switch Access** and verify that Auto Scan is not selected. With Auto Scan off, a switch activation is required to move the scan through each button, one at a time.
4. Set Activation Delay to a setting that works for you. For example, 2.0 seconds. Choose **Scan Timing > Activation Delay**. This determines how long you must stay off the switch before an activation takes effect.
5. Set the scan mode to Linear. Choose **Patterns > Mode > Linear** and choose **OK**.
6. Go to your vocabulary and step through each button by pressing the switch at each, then release the switch when you reach the button you want to activate.

Using Linear Scan Mode with Two Switches

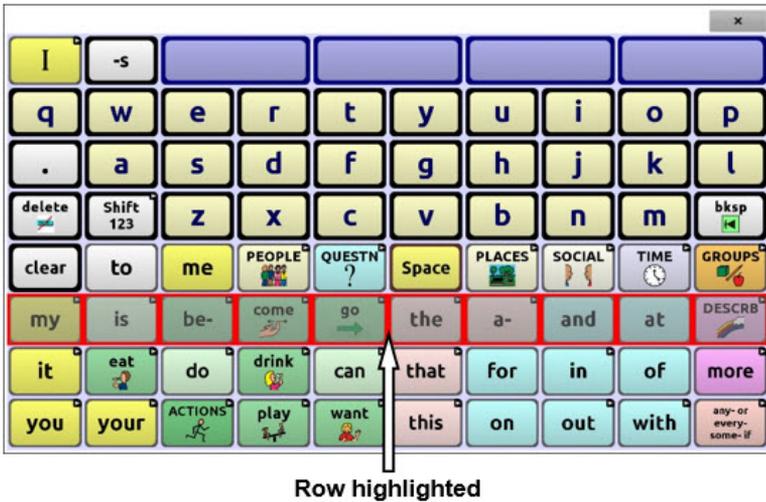
1. Connect one switch to port A and the other switch to port B.
2. Verify that Enable Scanning is selected. Choose **Menu > Settings > Input > Scanning**. A checkmark should appear in the Enable Scanning checkbox.
3. Turn Auto Scan off. Choose **Switch Access** and verify that Auto Scan is not selected. With Auto Scan off, a switch activation is required to move the scan through each button, one at a time.
4. Set Activation Delay to **0** (zero). Choose **Scan Timing > Activation Delay**.

Note: This setup will only work if Activation Delay is set to 0.

5. Set the scan mode to Linear. Choose **Patterns > Mode > Linear** and choose **OK**.
7. Go to your vocabulary and choose switch A to step and switch B to make an activation.

Using Row/Column Scan Mode

A row/column scan highlights each row of buttons beginning with the top row and move down the screen. When the row that contains the button you want is highlighted, activate your switch.

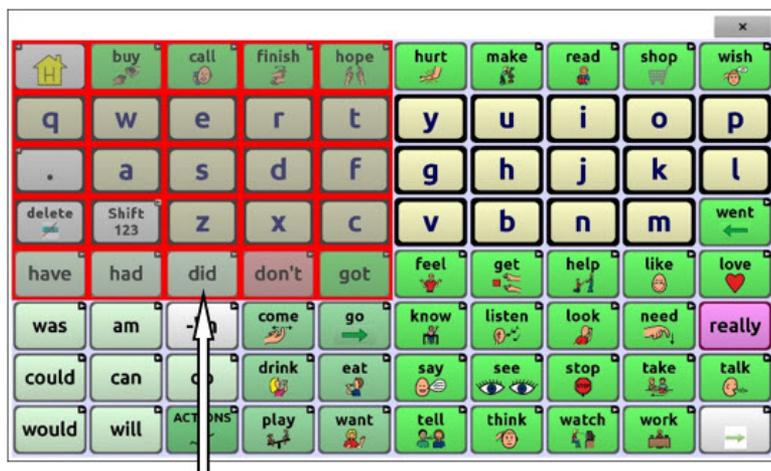


The scan will then step through the buttons from left to right across the row. When the button you want is highlighted, activate your switch.

To select row/column scan mode, choose **Menu > Settings > Input > Scanning > Patterns > Mode**. Select **Row/Column** from the Mode window.

Using Block Scan Mode

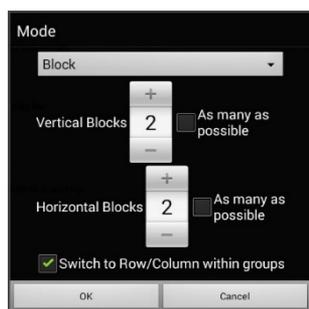
A block scan highlights blocks of buttons. The blocks are defined by the settings in the Mode window. When the block that contains the button you want is highlighted, activate your switch.



Block highlighted

The scan will then highlight smaller blocks, rows, or columns within the block, depending on your settings. When the button you want is highlighted, activate your switch. To select block scan mode, choose **Menu > Settings > Input > Scanning > Patterns > Mode**. Select **Block** from the Mode window. A new Mode window will open.

To increase the number of columns or rows in a block, tap +; to decrease the number, tap -; or select “As many as possible”.



If you want a scan to switch to Row/Column mode after a block is selected, choose “Switch to Row/Column within groups”.

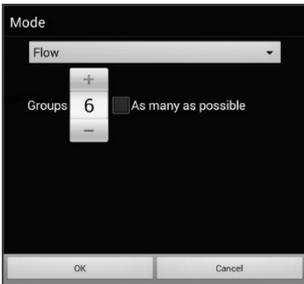
If you want to scan by blocks only, leave “Switch to Row/Column within groups” unselected.

When you finish setting block options, choose **OK**.

Using Flow Scan Mode

A flow scan highlights groups of buttons that flow from one row into the next. The flows are defined by the settings in the Mode window. When the flow that contains the button you want is highlighted, activate your switch. Flow scanning is provided as a scanning option for individuals who do not require consistency within a scan pattern.

To select flow scan mode, choose **Menu > Settings > Input > Scanning > Patterns > Mode**. Select **Flow** from the Mode window. A new Mode window will open.



To increase the number of groups in a flow, tap +. To decrease the number of groups, tap -. Or select "As many as possible".

When you finish setting flow options, choose **OK**.

Optimizing Block and Flow Scans

Scan Optimization only works in Block Scan Mode and Flow Scan Mode. To optimize block and flow scans, choose **Menu > Settings > Input > Scanning > Patterns**. Then turn on **Scan Optimization**.

When Scan Optimization is turned on, blocks or flows are scanned in the most efficient way on each page.

If you turn Scan Optimization off, blocks or flows will be scanned the same way on all pages.

With Scan Optimization turned on: Flow finds the lowest average # of scanning steps for every button on a page. Visualize the page layout in one straight line. For example, if you break the buttons on a page into 6 equal groups, it takes 5 scanning steps just to get to the 6th group. Flow adjusts the groups so the initial one is larger, spreading the groups over the page to average the number of scanning steps over the entire page more equally.

With Scan Optimization turned off: Flow scans equal groups of buttons on every page. Visualize the page layout in one straight line. For example, if you break the buttons on a page into equal groups, the same number of buttons will be scanned in each group.

Configuring Speech Display Bar (SDB) Scans

To include the SDB in scans:

Selecting the SDB speaks the current text. Turn scanning of the Speech Display Bar on or off by choosing **Menu > Settings > Input > Scanning > Patterns > Scan SDB**.

To include the SDB Clear button (✕) in scans:

Turn scanning of the Speech Display Bar's Clear button (✕) on or off by choosing **Menu > Settings > Input > Scanning > Patterns > Scan Clear Button**.

When Scan Clear Button is turned on, the SDB is scanned as follows:

1. When the scan reaches the SDB, the entire SDB is highlighted.



2. *With the SDB highlighted:* If the user presses the switch, the text is highlighted and spoken.



3. *With the SDB highlighted:* If the user does nothing, the Clear Button is highlighted.



4. *With the Clear Button highlighted:* If the user presses the switch, the last word in the display is cleared. If the user does nothing, ✕ on the Clear Button automatically changes to ◀.



5. *With the Clear Button showing ◀:* If the user presses the switch, all the text is cleared. This is the equivalent of pressing and holding the Clear Button.

Configuring Notification Scans

Turn scanning of notifications in the SDB on or off by choosing **Menu > Settings > Input > Scanning > Patterns > Scan Notifications**.

When Scan Notifications is turned on and a text message notification is scanned and selected, the conversations list opens.

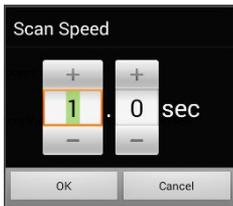
Configuring Empty Area Scans

Turn scanning of empty button areas on or off by choosing **Menu > Settings > Input > Scanning > Patterns > Skip Empty Areas**. When selected, scanning will skip over an area without a button or a button that only has a speech message action but no text.

Setting Scan Timing

Scan speed is the amount of time it takes for your device to move from one button, row, or column to the next in a scan. The default scan speed is one second. At this setting, it takes one second from the time one key is highlighted until the next key is highlighted.

To change the scan speed, choose **Menu > Settings > Input > Scanning > Scan Timing > Scan Speed**. The Scan Speed window opens.



To increase the time, tap +.
To decrease the time, tap -.

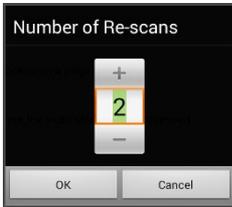
Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Configuring Re-scans

Select the number of times you want your device to scan the page automatically. Once you reach the set number of re-scans, the scan will stop until a switch is activated again.

To set the number of re-scans, choose **Menu > Settings > Input > Scanning > Scan Timing > Number of Re-scans**. The Number of Re-scans window opens.



To increase the number of re-scans, tap +.
To decrease the number of re-scans, tap -.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Note: You can set the number of re-scans whether Auto Scan is turned on or turned off.

Setting Activation Delay

This option gives you a chance to change your mind when you have selected a button. The option is set to your scanning speed automatically.

For example, let's say your activation delay is set to one second (1.0). You scan to and select a button, then realize it is not the button you want. You have one second to activate your switch again to "de-select" the button and then scan to a new button.

To set the activation delay, choose **Menu > Settings > Input > Scanning > Scan Timing > Activation Delay**. The Activation Delay window opens.



To increase the delay, tap +.
To decrease the delay, tap -.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Turning on Auto Restart

This option allows you to restart a scan cycle automatically after an activation. To turn on auto restart, choose **Menu > Settings > Input > Scanning > Scan Timing > Auto Restart**.

Setting Auditory Prompts

This option enables audio feedback during scanning. To set auditory prompts, choose **Menu > Settings > Input > Scanning > Auditory Prompts**.

Enable Auditory Prompts

Scanning with auditory prompting turned on provides not only a visual cue, but also an auditory cue to indicate where the scan is currently.

To enable auditory prompts, choose **Menu > Settings > Input > Scanning > Auditory Prompts > Enable Auditory Prompts**.

If you are scanning, simply activate your switch. To retrieve a message, activate the switch again after you hear the prompt.

Audio Output Device

Choose **Menu > Settings > Input > Scanning > Auditory Prompts > Audio Output Device**. Choose either **Speaker** or **Earphone**. You can hear prompts through the device's speaker. You can also plug stereo headphones into the headphone jack on the side of the device.

Headphone jack



This allows you, but not others, to hear the prompts. If you are using headphones, choose the **Earphone** option.

Prompt Volume

Use the Prompt Volume option to set how loud the prompt is when using the device's speaker or an earphone or headset. This allows you to set a volume level for prompts that is different from the volume level for speech.

Choose **Menu > Settings > Input > Scanning > Auditory Prompts > Prompt Volume**. The Prompt Volume window will open.



To change the volume level, slide your finger along the Prompt Volume bar or tap the bar at a specific point. Then choose **OK**.



Excessive volume or sound pressure level when using earphones or headphones can cause hearing loss over extended periods of time.

Scanning Beep

If you prefer to hear a beep instead of an auditory prompt when you scan a key, choose **Menu > Settings > Input > Scanning > Auditory Prompts > Scanning Beep**.

Button Prompt

Note: Scanning Beep must be turned off to access this option.

The Button Prompt option determines whether the label or message is spoken as the button prompt. To change the setting, choose **Menu > Settings > Input > Scanning > Auditory Prompts > Button Prompt** and select either **Speak Label** or **Speak Message**.

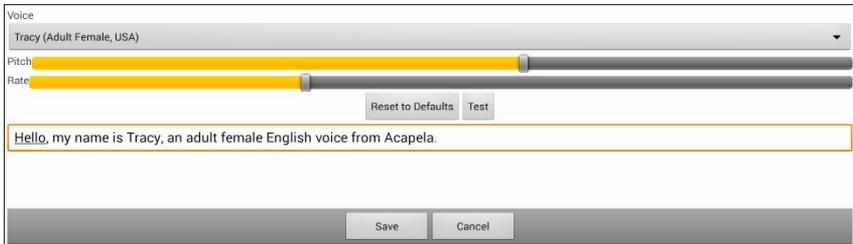
Row or Group Prompts

Since these prompts may be specific to each page, use Scan Editor to name the rows or groups for prompting. For details, see [Opening the Scan Editor](#) on page 145.

Choosing a Voice

When choosing a voice to use for the auditory prompts, it can be helpful to choose a different voice than the one the system uses for speaking messages.

To change the voice, choose **Menu > Settings > Input > Scanning > Auditory Prompts > Voice Settings**.



Note: Pitch is available as an option only if Acapela is selected as the synthesizer.

Tap the arrow ▼ to the right of the currently selected voice to open a list of voices. Choose the voice you want. If necessary, adjust the voice's pitch or talking speed:

1. Slide your finger along the Pitch or Rate bar or tap a bar at a specific point.
2. Tap **Test** to make sure that you selected the pitch or rate you want.
3. If not, adjust the setting and tap **Test** again.
4. When the voice is set the way you want, tap **Save**.

Note: If you want to name an auditory prompt for a row or group, see [Configuring Custom Scan Patterns](#) on page 145.

Configuring Custom Scan Patterns

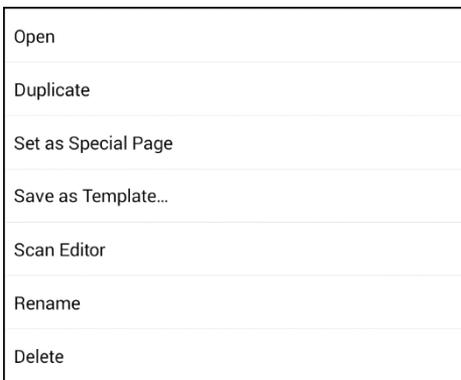
Use the Scan Editor to create and save custom scan patterns for the user. You can set up a scan pattern for all pages in a vocabulary, then set up different patterns for specific pages, such as keyboard pages.

Note: If you also want to set up visual effects for the user, see [Configuring Visual Effects for Scanning, Headpointing, or Touch Access](#) on page 178.

Opening the Scan Editor

To access the Scan Editor:

1. Go to a vocabulary page.
2. Choose **Menu > Edit Mode > Pages**.
3. Choose a page. The following menu will open:

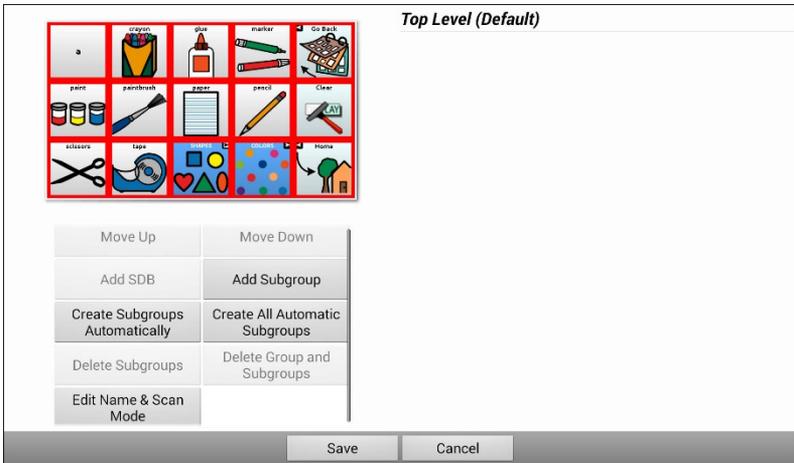


4. Choose **Scan Editor**. The following prompt will be displayed:



5. Select either **All pages** or **Just this page**. The Scan Editor will open at the default top level.

6. **Top Level (Default)** is selected and the Scan Editor menu options appear in the lower left corner.



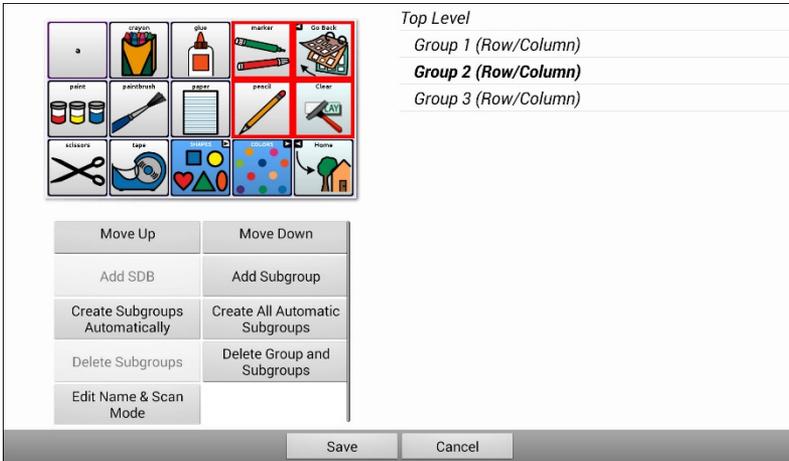
Working with Groups and Subgroups

The Scan Editor allows you to set up groups and subgroups of buttons for scan patterns on a page. For example, a group could be a collection of three rows of buttons eight columns wide. Within that group could be a subgroup of two rows of buttons four columns wide. Within that subgroup could be a subgroup of one row of buttons two columns wide.

Using the Scan Editor Menu Options

For an easy way to get started, select **Create Subgroups Automatically** or **Create All Automatic Subgroups**. A list of groups will appear under “Top Level”.

From the list of groups, select the group you want to include in the scan. When you select a group, its name will appear in bold and the corresponding group of buttons in the preview screen will be highlighted.

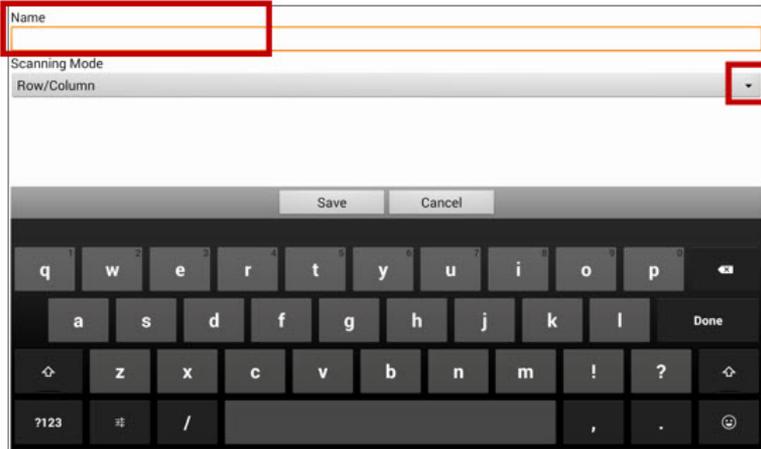


Note: The number of groups listed is controlled by the scan mode setting: **Menu > Settings > Input > Scanning > Patterns > Mode**.

Edit Name & Scan Mode

The name is what will be spoken as the auditory prompt. You can modify the name and scan mode of the selected group or subgroup.

1. Select **Edit Name & Scan Mode**.
2. Tap in the Name field and enter the new name.



3. If you want to change the scan mode, tap the arrow ▼ and select the scan mode you want: Default, Linear, Row/Column, Block, or Flow.

Note: The scan mode that is selected by default is set in **Menu > Settings > Input > Scanning > Patterns > Mode**.

4. Choose **Save**.

Move Up/Move Down

Rearrange your scan groups by selecting groups and subgroups and moving them up or down in the group list.

1. Select a group or subgroup you want to move.
2. Tap **Move Up** or **Move Down**.
3. The selected group or subgroup will move up or down one position in the list.
4. Repeat steps 1 through 3 for any other groups or subgroups you want to move.

Add SDB

Add the Speech Display Bar (SDB) to the group list.

1. Tap **Top Level**.
2. Tap **Add SDB**.
3. “Speech Display Bar” appears at the bottom of your group list.
4. Either leave “Speech Display Bar” where it is or tap **Move Up** as many times as necessary to move the SDB to the top of the list or wherever else you want it.

Add Subgroup

Add a subgroup to the selected group.

1. Tap the group.
2. Select **Add Subgroup**.
3. The subgroup will appear below the group or subgroup.

Group 3 (Row/Column)

Group 4

Group 1 (Default)

Group 5 (Row/Column)

Create Subgroups Automatically

Add subgroups to the selected group or subgroup automatically. This option creates one level of subgroups. The number of subgroups is controlled by the scan mode setting: **Menu > Settings > Input > Scanning > Patterns > Mode**.

1. Tap the group you want to expand.
2. Select **Create Subgroups Automatically**.
3. The subgroups will be listed below the group or subgroup.

Create All Automatic Subgroups

Add the maximum number of subgroups to the selected group or subgroup automatically. This option creates multiple levels of subgroups. The number of subgroups is controlled by the scan mode setting: **Menu > Settings > Input > Scanning > Patterns > Mode**.

1. Tap the group you want to expand.
2. Select **Create All Automatic Subgroups**.
3. The subgroups will be listed below the group or subgroup.

Delete Subgroups

Delete all the subgroups for the selected group.

1. Tap the group you want to delete.
2. Select **Delete Subgroups**.
3. All subgroups for the group will be deleted.

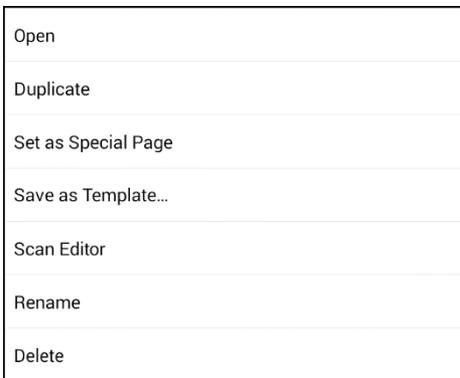
Delete Group and Subgroups

Delete the selected group and all its subgroups or delete the selected subgroup and all its subgroups.

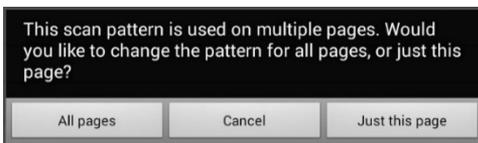
1. Tap the group you want to delete.
2. Select **Delete Group and Subgroups**.
3. The group and its subgroups or the subgroup and its subgroups will be deleted.

Creating a Custom Scan Pattern

1. Go to a vocabulary page.
2. Choose **Menu > Edit Mode > Pages**.
3. Choose a page. The following menu will open:



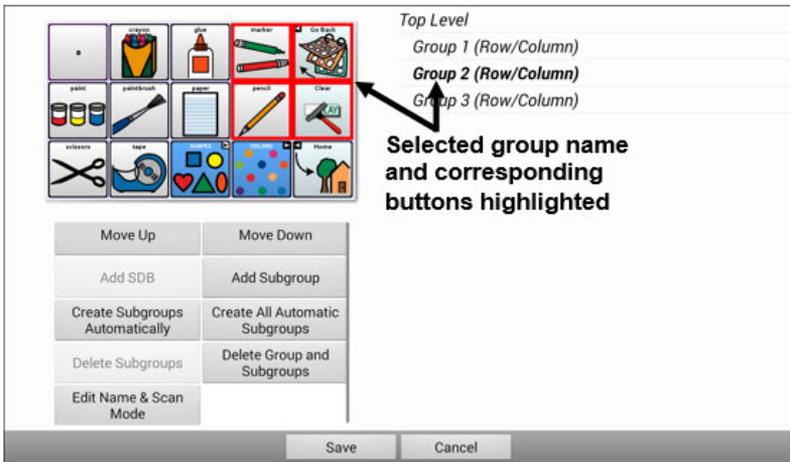
4. Choose **Scan Editor**. The following prompt will be displayed:



5. Select either **All pages** or **just this page**. The Scan Editor will open at the default top level.
6. **Top Level (Default)** is selected and the Scan Editor menu options appear in the lower left corner.
7. Choose **Create Subgroups Automatically**. A list of groups will appear under “Top Level”.

Note: The number of groups listed is controlled by the scan mode setting: **Menu > Settings > Input > Scanning > Patterns > Mode**.

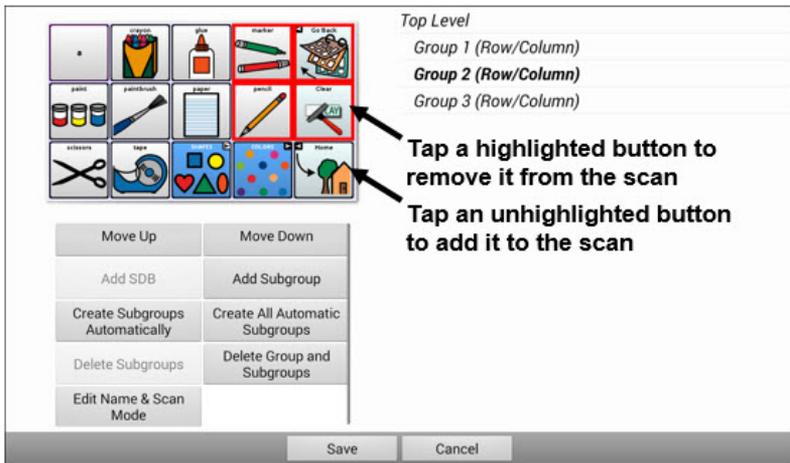
8. From the list of groups, select the group you want to include in the scan. When you select a group, its name will appear in bold and the corresponding group of buttons in the preview screen will be highlighted.



9. Select the menu option you want. For example, you could change the group’s name and scan mode or add one or more subgroups.

10. When you create the basic scan pattern you want, you can refine it.

Example: Tapping a highlighted button on the preview screen will remove it from the scan pattern. Tapping an unhighlighted button will add it to the scan pattern.



11. Choose **Menu**. Two menu options are displayed: Set as Default and Delete Scan Pattern & Quit. Choose **Set As Default**. The following prompt will be displayed:

Setting this scan pattern as the default will overwrite the scan patterns of other pages. Are you sure you wish to continue?

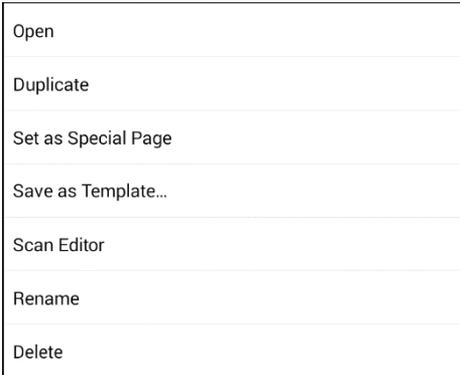
12. Choose **Yes** to confirm that you want to use this pattern.

13. Choose **Save**. The scan pattern you created will be applied to all pages in the vocabulary.

Deleting a Custom Scan Pattern from One Page

If you no longer need a custom scan pattern that you applied to a page, follow these steps to delete it.

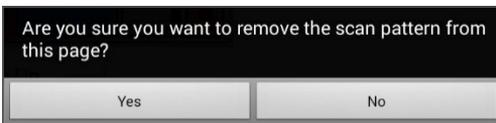
1. Choose **Menu > Edit Mode > Pages**.
2. Choose the page that has the custom scan pattern. The following menu will open:



3. Choose **Scan Editor**. The custom scan pattern will be displayed.
4. Choose **Menu**. An additional menu will open.



5. Choose **Delete Scan Pattern & Quit**. A confirmation prompt will be displayed.

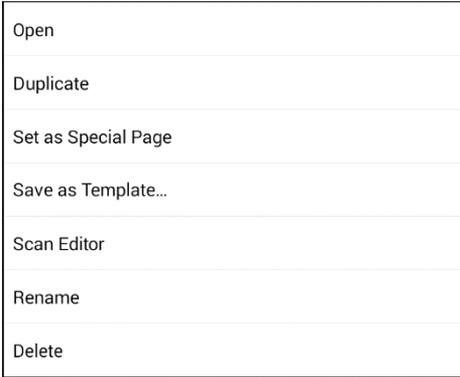


6. Choose **Yes**.

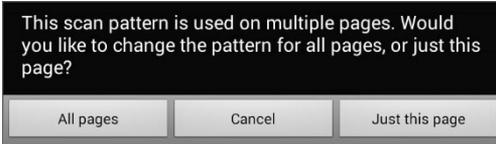
Deleting a Custom Scan Pattern from All Pages

If you no longer need a custom scan pattern that you applied to all pages, follow these steps to delete it.

1. Choose **Menu > Edit Mode > Pages**.
2. Choose any page in the vocabulary that has the custom scan pattern. The following menu will open:



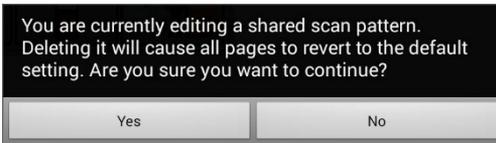
3. Choose **Scan Editor**. The following prompt will be displayed.



4. Choose either **All Pages**. The custom scan pattern will be displayed.
5. Choose **Menu**. An additional menu will open.



6. Choose **Delete Scan Pattern & Quit**. A confirmation prompt will be displayed.



7. Choose **Yes**.

Setting up Headpointing

Note: Information on headpointing only applies if you purchased the ChatPoint product.

ChatPoint allows individuals who are unable to use their hands to use small head movements to control where the pointer moves on the screen. The ChatPoint unit mounted on your device translates these head movements into pointer movements and activations/selections on the screen.

Mounting the ChatPoint Unit

Follow these instructions to attach the ChatPoint unit to your device.

1. Remove the device handle by removing the screws.

Important! You will use these screws to fasten the ChatPoint unit to the device.

Chat Fusion 8:

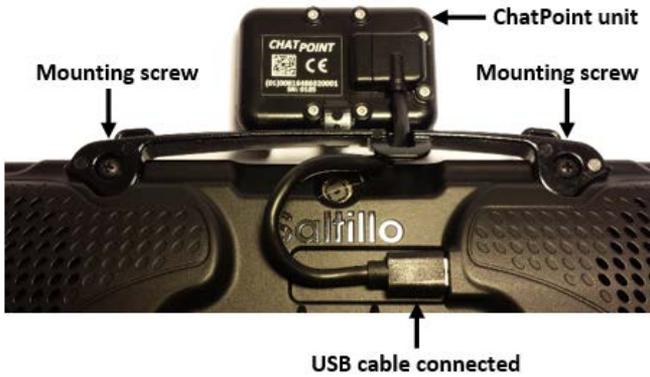


Chat Fusion 10:

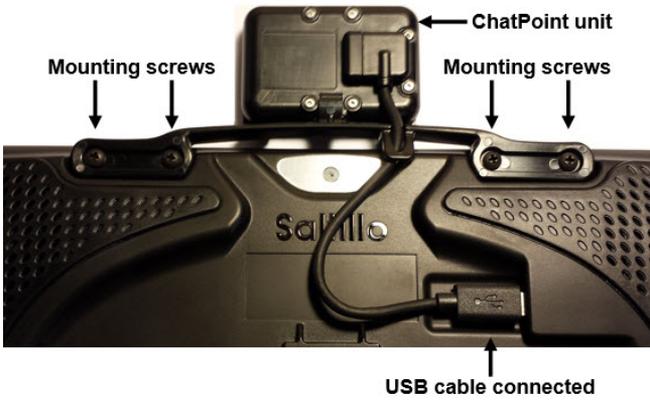


2. Align the connector and screw holes on the ChatPoint unit with the screw holes on the top edge of the back of the device.
3. Insert and tighten the screws to secure the unit to the device.
4. Plug the unit's USB cable into the USB port on the back of the device.

Chat Fusion 8:



Chat Fusion 10:



5. ChatPoint is ready to set up for use.

To attach a shoulder strap when the ChatPoint unit is mounted on your device:

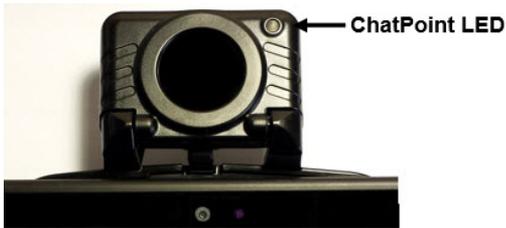
If your ChatPoint mounting bracket includes strap holders, attach the rings or loops that came with your strap to the holders. For details, see [Attaching a Strap](#) on page 42.



This is an example only. Your ChatPoint unit may look slightly different.

Viewing Tracking Status

The LED on the front of the ChatPoint unit indicates the current tracking status. **Red** indicates that the ChatPoint unit is on, but is not tracking. **Green** indicates that the unit is tracking.

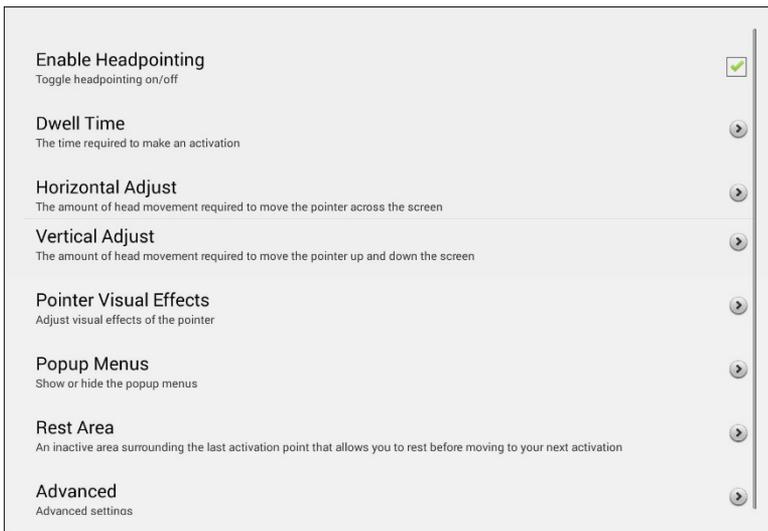


Configuring Headpointing Settings

After you mount the ChatPoint unit, you are ready to modify settings to suit the individual who will be using it. You will modify the settings using the Chat software that is installed on your device.

Important! Because headpointing depends on an individual's head movement capabilities, these instructions only cover the setup basics. You may need to refine your settings several times. We suggest changing one setting at a time.

To access the headpointing settings, choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed.



Setting	Description
Enable Headpointing	Turn headpointing on. For details, see Turning Headpointing On or Off on page 160.
Dwell Time	The time required to make an activation. For details, see Setting Dwell Time on page 160.
Horizontal Adjust	The amount of head movement required to move the pointer across the screen. For details, see Setting Horizontal Adjustment on page 161.

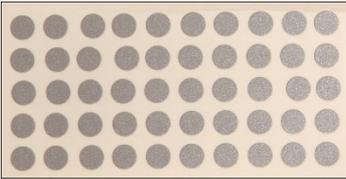
Setting	Description
Vertical Adjust	The amount of head movement required to move the pointer up and down the screen. For details, see Setting Vertical Adjustment on page 161.
Pointer Visual Effects	Visual effects set up for the pointer to help the user identify selected items. These effects include opacity, color, size, shape, and showing or hiding the pointer. For details, see Configuring Pointer Visual Effects on page 163.
Popup Menus	Show or hide the top and bottom headpointing popup menus. The top menu allows you to pause or reactivate headpointing and toggle the pointer between pointing and dragging. The navigation (bottom) menu provides quick access to Menu , Home , and Back . For details, see Showing or Hiding Headpointing Popup Menus on page 166.
Rest Area	An inactive area surrounding the last activation point. This area allows the user to rest before moving to the next activation. For details, see Configuring the Rest Area on page 167.
Advanced	Most users will not benefit from changing the advanced settings. These settings control smoothing, dwell method, secondary dwell time, averaging, and graphical representations of averaging. For details, see Configuring the Advanced Headpointing Settings on page 168.

Turning Headpointing On or Off

From the Headpointing Settings screen, choose **Enable Headpointing** to turn headpointing on. A green checkmark appears to the right of Enable Headpointing. To turn headpointing off, choose **Enable Headpointing** to remove the checkmark.

Using Target Dots

A package of pressure-sensitive, reflective target dots was included with your ChatPoint. Peel a dot from the sheet and press the dot onto the user's forehead or eyeglass frame.



ChatPoint calculates how light reflects off the dot to detect the user's head movement. The on-screen pointer moves with the user's head movements.

Setting Dwell Time

Dwell time is the time required to make an activation. For example, if dwell time is set to 1 second and the user leaves the pointer on a button for 1 second, ChatPoint activates that button automatically.

To set the dwell time, choose **Dwell Time** from the Headpointing Settings screen. The Dwell Time window opens.



To increase the value, tap +.

To decrease the value, tap -.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Setting Horizontal Adjustment

Horizontal Adjustment is the amount of head movement required to move the pointer across the screen. Change the Horizontal Adjustment value to compensate for trouble the user has selecting buttons horizontally. The higher you set the value, the less head movement the user needs to move the pointer on the screen horizontally.

To set the horizontal adjustment, choose **Horizontal Adjustment** from the Headpointing Settings screen. The Horizontal Adjustment window opens.



To increase the value, tap **+**.

To decrease the value, tap **-**.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Note: The higher you set the horizontal adjustment number, the faster the pointer will appear to move across the screen.

Setting Vertical Adjustment

Vertical Adjustment is the amount of head movement required to move the pointer up and down the screen. Change the Vertical Adjustment value to compensate for trouble the user has selecting buttons vertically. The higher you set the value, the less head movement is necessary to move the pointer on the screen vertically.

To set the vertical adjustment, choose **Vertical Adjustment** from the Headpointing Settings screen. The Vertical Adjustment window opens.



To increase the value, tap **+**.

To decrease the value, tap **-**.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

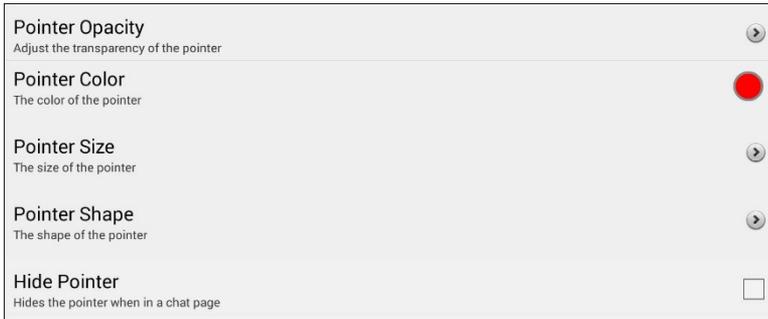
Refining Horizontal and Vertical Adjustment

You may need to fine-tune both horizontal and vertical adjustment to meet the user's needs. Have the user move his or her head left and right and up and down to try to place the pointer in each corner of the screen.

1. If the user has trouble reaching the right or left edges, increase the horizontal adjustment value.
2. If the user has trouble reaching the top or bottom edges increase the vertical adjustment value.
3. If a slight head movement to the left or right moves the user off the edges of the screen, decrease the horizontal adjustment value.
4. If a slight head movement up or down moves the user off the top and bottom edges, decrease the vertical adjustment value.
5. If the user has trouble positioning the pointer in the corners of the screen, increase the horizontal adjustment and vertical adjustment values.
6. If the user makes large head movements and loses the pointer, decrease the horizontal adjustment and/or vertical adjustment values.
7. If the user makes small head movements, increase the horizontal adjustment and vertical adjustment values.

Configuring Pointer Visual Effects

The pointer moves with the user's head movement. The visual effects that you set up for the pointer will help the user identify selected items. To access the pointer visual effects settings, choose **Pointer Visual Effects** from the Headpointing Settings screen. The Pointer Visual Effects screen will be displayed.

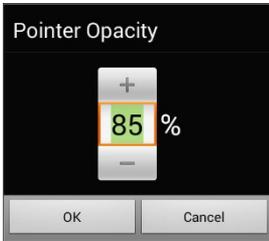


Setting	Description
Pointer Opacity	The pointer's degree of transparency, determining how clearly underlying images show through. For details, see Setting the Pointer's Opacity on page 164.
Pointer Color	The color of the pointer. For details, see Setting the Pointer's Color on page 164.
Pointer Size	The size of the pointer. For details, see Setting the Pointer's Size on page 165.
Pointer Shape	The shape of the pointer, either a shrinking dot or an arrow. For details, see Setting the Pointer's Shape on page 165.
Hide Pointer	Hide or show the pointer. For details, see Hiding the Pointer on page 165.

Setting the Pointer's Opacity

Pointer Opacity allows you to set the pointer's percentage of transparency, which determines how clearly the underlying image will show through the pointer. Increasing the opacity percentage makes the pointer closer to opaque, allowing less of the underlying image to show through.

To set the pointer's opacity percentage, choose **Pointer Opacity** from the Pointer Visual Effects screen. The Pointer Opacity window opens.



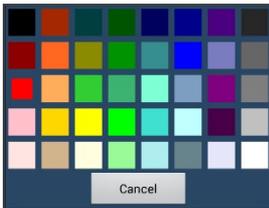
To allow less of the underlying image to show through, tap +. To allow more of the underlying image to show through, tap -.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Setting the Pointer's Color

Pointer Color allows you to set the color of the pointer. To set the pointer's color, choose **Pointer Color** from the Pointer Visual Effects screen. The Pointer Color window opens.

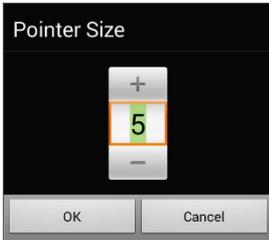


Tap a color in the color selection window.

The selected color appears in the circle to the right of Pointer Color on the Pointer Visual Effects screen.

Setting the Pointer's Size

Pointer Size allows you to set the size of the pointer. To set the pointer's size, choose **Pointer Size** from the Pointer Visual Effects screen. The Pointer Size window opens.



To increase the size, tap **+**.
To decrease the size, tap **-**.

Or use the keyboard to enter the exact setting you want.

Choose **OK**.

Setting the Pointer's Shape

Pointer Shape allows you to set the pointer as either a shrinking dot or an arrow.

To set the pointer's shape, choose **Pointer Shape** from the Pointer Visual Effects screen. The Pointer Shape window opens.



Choose either **Shrinking Dot** or **Arrow**.

Choose **OK**.

Hiding the Pointer

When Hide Pointer is turned on, the pointer is not visible.

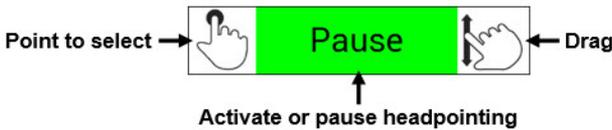
Showing or Hiding Headpointing Popup Menus

To show or hide the top and bottom headpointing popup menus, choose **Popup Menus** from the Headpointing Settings screen. The Popup Menu screen will be displayed.

Show Top Popup Menu Show the popup menu at the top of the display	<input checked="" type="checkbox"/>
Show Navigation Popup Menu Show the navigation popup menu at the bottom of the display	<input type="checkbox"/>

To pause headpointing or toggle the pointer's function:

When **Show Top Popup Menu** is turned on, the top popup menu slides down when the user moves the pointer off the top of the screen in the center. This menu allows you to pause or reactivate headpointing and toggle the pointer between selecting and dragging.



Green indicates that headpointing is active. When the user selects **Pause**, the field turns red and displays **Paused**. Selecting **Paused** turns the field green and displays **Active**, and then **Pause**.

To set the pointer to select or drag, choose the applicable icon.

To Quickly Access Menu, Home, and Back:

When **Show Navigation Popup Menu** is turned on, the bottom popup menu slides up when the user moves the pointer off the bottom of the screen in the center. The menu provides quick access to **Menu**, **Home**, and **Back**.

Configuring the Rest Area

The rest area is an inactive area surrounding the last activation point. This area allows the user to rest before moving to the next activation. To access the rest area settings, choose **Rest Area** from the Headpointing Settings screen. The Rest Area screen will be displayed.



To show the rest area:

Choose **Show Rest Area** to insert a checkmark. The rest area will be indicated by a circle.

To set the size of the rest area:

Note: If Use Button as Rest Area is turned on, the Rest Area Size setting will not adjust the size of the rest area within the Chat software vocabulary pages. It will only adjust the size of the rest area within the operating system.

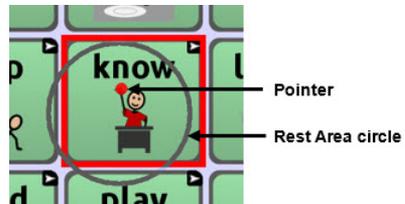
Choose **Rest Area Size** from the Rest Area screen. The Rest Area Size window opens.



To increase the size, tap **+**. To decrease the size, tap **-**. Or use the keyboard to enter the exact setting you want. Choose **OK**.

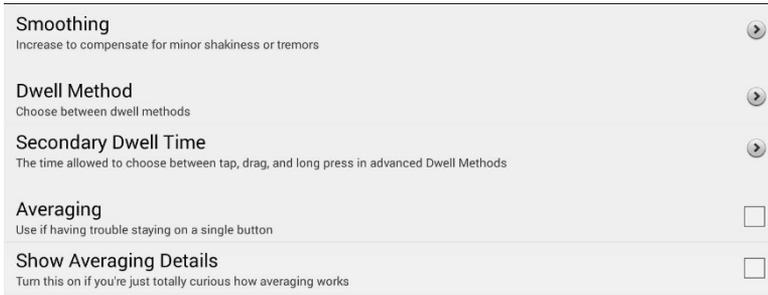
To use a Chat software button as the rest area:

To use the last button activated in the Chat software as the rest area, choose **Use Button as Rest Area** to insert a checkmark. To leave the rest area, the user simply moves the pointer out of the rest area circle.



Configuring the Advanced Headpointing Settings

Most users will not benefit from changing the advanced settings. Some of these settings may be more useful for games or other apps. To access these settings, choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed. Choose **Advanced**. The advanced headpointing settings will be displayed.



Setting	Description
Smoothing	Compensates for minor shakiness or tremors to reduce accidental button activations. For details, see Setting Smoothing on page 169.
Dwell Method	One of four dwell types, useful for normal operations, frequent click operations, frequent drag/swipe operations, or click-only operations. For details, see Setting the Dwell Method on page 170.
Secondary Dwell Time	The time allowed to choose among tap, drag, and long-click when an advanced pointer is active. For details, see Setting Secondary Dwell Time on page 175.
Averaging	Helps users who have trouble staying on a single button. For details, see Turning Averaging On or Off on page 176.
Show Averaging Details	Turns on graphical representations of how averaging works. For details, see Showing or Hiding Averaging Details on page 176.

Setting Smoothing

Smoothing compensates for minor shakiness or tremors to reduce accidental button activations. The number you select tells your device how far you must move out of one button location before a second button is activated. If you select a smoothing number higher than "1", ChatPoint will "lag behind" any head movements the user makes. The higher the number you select, the further into a button's area you must move before the button will be become highlighted.

In effect, smoothing creates a box that surrounds the average horizontal and vertical values defined by where the individual is pointing. The lower the value, the smaller the box, requiring less movement to change the pointer's position. The higher the value, the larger the box, requiring greater movement to change the pointer's position. To access the smoothing setting:

1. Choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed.
2. To set the smoothing value, choose **Advanced > Smoothing**. The Smoothing window opens.



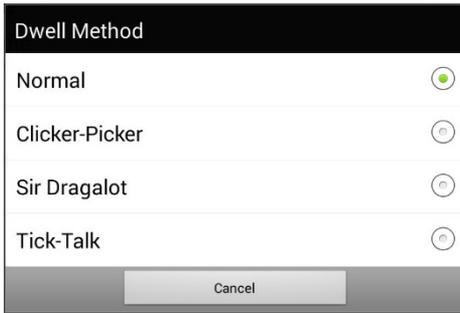
To increase the value, tap +.
To decrease the value, tap -.

Or use the keyboard to enter the exact setting you want.

3. Choose **OK**.

Setting the Dwell Method

Dwell Method allows you to select the type of dwell that best meets the user's needs. Choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed. Then choose **Advanced > Dwell Method**. The Dwell Method menu opens.



The available dwell methods are Normal, Clicker-Picker, Sir Dragalot, and Tick-Talk. Most users will use the Normal dwell method. Each dwell method displays a graphical representation on the screen to assist the user in making selections. This graphical element works in sync with the dwell time you set. (See [Setting Dwell Time](#) on page 160.)

Dwell Method: Normal

Normal is the default dwell method, and it will work best for most users. Normal features a colored dot that shrinks when focused on a button and, after the specified dwell time, selects that button. The button on which the pointer is focused is highlighted to help the user verify that the correct button will be selected.

In this example, the pointer is focused on the Food button and, in sync with the specified dwell time, has shrunk to the size at which the button will be activated. Note that the Food button is also highlighted.

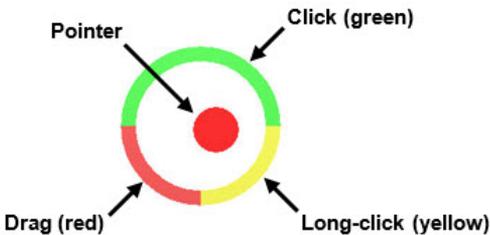


Pointer focused on the highlighted Food button

Dwell Method: Clicker-Picker

The dwell method Clicker-Picker is click-oriented. This method is most useful for frequent click operations. For example, the user may find this method useful when playing a game app.

When the user first aims the pointer, it is at maximum size and it shrinks according to the specified dwell time. When the pointer reaches its minimum size, a three-section cursor is displayed. The three sections represent click, long-click, and drag.

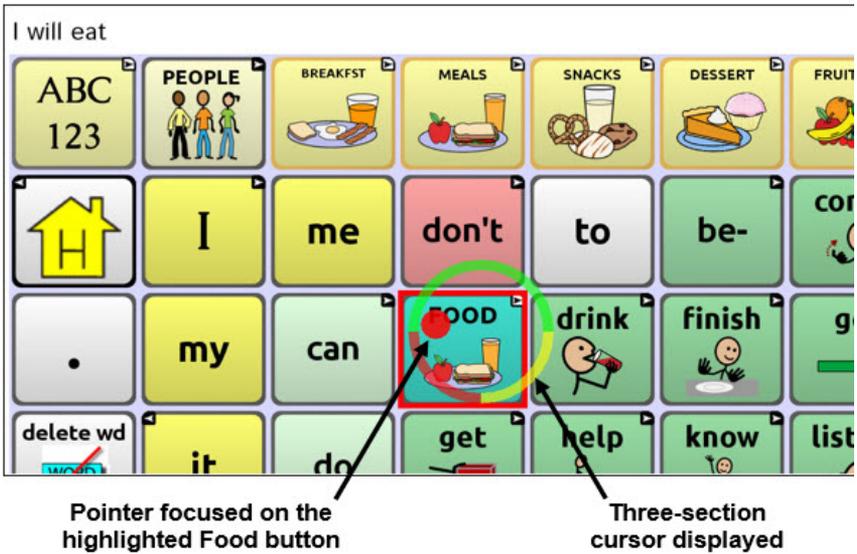


Section	How to Use
Click	Focus on a button and move the pointer over the top (green) section to make a selection.
Long-click	Focus on a button and move the pointer over the lower-right (yellow) section to activate additional functionality.
Drag	Focus on a button and move the pointer over the lower-left (red) section to change the pointer to a drag cursor  . Grab the button and move it where you want it. Hold the drag cursor within the specified area for the specified secondary dwell time until drag mode ends, leaving the button in the new location.

Note: For information on secondary dwell time, see [Setting Secondary Dwell Time](#) on page 175.

The button on which the pointer is focused is highlighted to help the user verify that the correct button will be selected.

In this example, the pointer is focused on the Food button and, in sync with the specified dwell time, has shrunk to the size at which the three-section cursor is displayed. Note that the Food button is also highlighted.



Dwell Method: Sir Dragalot

The dwell method Sir Dragalot is drag-oriented. This method is most useful for frequent drag/swipe operations. As the user focuses the pointer on a button, the pointer changes as follows:

Pointer	How it Performs
	When the user first aims the pointer, it is at maximum size and it shrinks according to the specified secondary dwell time.
	As the pointer remains over the target, it begins to grow until it reaches full size and makes an activation.
	When the pointer moves outside the target, drag mode is activated.

Note: The Sir Dragalot dwell method cannot be used if the Arrow pointer shape is selected. For information on selecting the pointer shape, see [Setting the Pointer's Shape](#) on page 165.

Note: For information on secondary dwell time, see [Setting Secondary Dwell Time](#) on page 175.

Dwell Method: Tick-Talk

The dwell method Tick-Talk is click-only. This method is most useful when long-click and drag operations are not needed. The button on which the pointer is focused is highlighted to help the user verify that the correct button will be selected.

Pointer	How it Performs
	When the user first aims the pointer, it is at maximum size and it shrinks according to the specified dwell time.
	As the pointer shrinks and the specified dwell time is reached, the pointer changes to a timer and the secondary dwell time controls the pointer. If the user moves the pointer off the button while the timer is displayed, a click is performed and the button is activated. When the secondary dwell time is reached without moving off the button, the pointer changes back to its original shape.
	After returning to its original shape, the pointer again shrinks. When it reaches its minimum size, a click is performed and the button is activated.

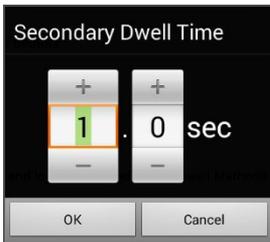
Note: The Tick-Talk dwell method cannot be used if the Arrow pointer shape is selected. For information on selecting the pointer shape, see [Setting the Pointer's Shape](#) on page 165.

Note: For information on secondary dwell time, see [Setting Secondary Dwell Time](#) on page 175.

Setting Secondary Dwell Time

Secondary Dwell Time allows you to set the time allowed to choose among tap, drag, and long-click when an advanced pointer is active. This setting is available only with the dwell methods Clicker-Picker, Sir Dragalot, and Tick-Talk. To access the Secondary Dwell Time setting:

1. Choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed.
2. To set the secondary dwell time value, choose **Advanced > Secondary Dwell Time**. The Secondary Dwell Time window opens.



To increase the value, tap +.
To decrease the value, tap -.

Or use the keyboard to enter the exact setting you want.

3. Choose **OK**.

Headpointing with Manual Switch Activation

You can use a switch with headpointing. Use headpointing to move the cursor and use the switch to make activations. This feature is activated when you connect a switch to your device.

Important! This feature works well for making selections in vocabularies, but it does not allow you to make selections from menus. Use headpointing to make menu selections.

- Connect your switch to either port A or port B.
- Set the dwell time high enough to avoid accidental activations with headpointing. Choose **Menu > Settings > Input > Headpointing > Dwell Time**.

Hint: Experiment with a time that works best for you. You might want to start with a long dwell time such as 10.0 seconds and see if you can work your way down to a lower setting and still avoid accidental activations with headpointing.

Turning Averaging On or Off

Turn on Averaging if the user has trouble staying on a single button. For example, when the pointer moves back and forth between two buttons, ChatPoint will select the button on which the pointer spends more time.

Choose **Menu > Settings > Input > Headpointing**. The Headpointing Settings screen will be displayed. To turn on averaging, choose **Advanced > Averaging**.

Showing or Hiding Averaging Details

Turn on Show Averaging Details only if you want to see graphical representations of how averaging works. Most users will have no need for this setting.

Positioning the User and the ChatPoint Unit

After setting up ChatPoint, familiarize yourself with how to position the user, position the unit, and clean the unit.

Positioning the User

The closer the user is to the system, the faster the pointer will move on the screen. The optimal distance is 18 to 24 inches. It is recommended that the user sit parallel to the screen, or as nearly parallel as possible.

Hint: As much as possible, avoid positioning the user in front of reflective objects or in areas in which there may be movement behind the user. These could be “distractions” to the system.

Positioning the ChatPoint Unit

The ChatPoint unit is adjustable. Grab the unit at the top and move it forward or back until you find the position that works best for the user.



Cleaning the ChatPoint Unit

When you need to clean the ChatPoint unit, wipe it with a damp, lint-free cloth. Do **not** use cleaning solvents or immerse the unit in water or any other liquid.

Configuring Visual Effects for Scanning, Headpointing, or Touch Access

Note: Before you can select a visual effect for touch access, go to **Menu > Settings > Input > Button Press Draw**. From the Draw Effect window, select **Visual Effect**.

Visual effects are used with scanning, headpointing, or touch access to help the user identify selected items. They provide feedback when a button is selected, helping the user better understand the relationship between buttons and their associated actions. To access the visual effects settings, choose **Menu > Settings > Input > Visual Effects**.

Effect	Description
Outline	When Outline is turned on, an outline appears around the active area.
Outline Color	When Outline is turned on, Outline Color allows you to set the color of the outline.
Outline Width	When Outline is turned on, Outline Width allows you to set the width of the outline.
Translucent Overlay	When Translucent Overlay is turned on, a subtle trace of color appears over the active area.
Overlay Opacity	When Overlay is turned on, Overlay Opacity allows you to set how clearly the underlying image shows through the overlay. To allow less of the underlying image to show through, tap + . To allow more of the underlying image to show through, tap - . Then choose OK .
Overlay Color	When Overlay is turned on, Overlay Color allows you to set the color of the overlay. Tap a color in the color selection window. The selected color appears in the circle to the right of Overlay Color.
Invert Colors	When Invert Colors is turned on, the colors of the active area are reversed. Dark areas

Effect	Description
	become light, light areas become dark, and colors are replaced by their opposites—black and white are reversed, red becomes green, yellow becomes blue, etc.
Magnify	When Magnify is turned on, the active area is magnified.
Magnify Multiplier	When Magnify is turned on, Magnify Multiplier allows you to set the amount by which the active area is magnified. To increase the amount of magnification, tap +. To decrease the amount of magnification, tap -. Then choose OK .
Animate Effects	When Animate Effects is turned on, the visual effects visibly move or grow when an area becomes active. You must turn on one or more visual effects for Animate Effects to work.

Using Word Finder

Use the Word Finder feature to find the path to specific words. If you need to know if a word is included, use this feature to find where the word is stored.

Setting up Word Finder

There are two ways to use this feature: Set up a button or set up Word Finder as a menu item.

Setting up a Button

You can set up a button to initiate a word search.

1. Choose **Menu > Edit Mode**.
2. Press and hold on the button you want to modify. (Right-click if you are using the Editor.) A list of button options appears.
3. Choose **Edit Button**. The Button Properties screen appears.
4. Choose the **Actions** tab.
5. Tap or click the arrow ▼ to open a list of actions.
6. Choose the action **Find Word**.
7. Choose **Save**.

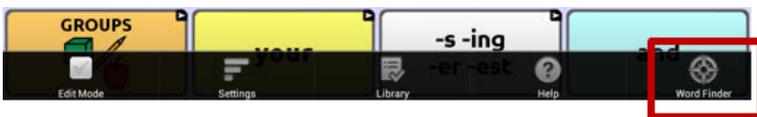
Note: Tap the **Find Word** button again to stop Word Finder.

Setting up Word Finder as a Menu Item

An alternative to using a button is to set up Word Finder as a menu item. In Settings, there is an option to turn Word Finder on or off.

Choose **Menu > Settings > Word Finder > Show Menu Item**.

If you choose to turn this feature on, a Word Finder menu item will appear at the bottom edge of the screen for quick access.



Setting up and Using Word Prediction

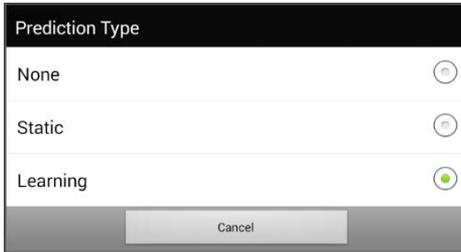
Word prediction helps improve your ability to communicate by “predicting” a word you intend to speak, thereby reducing the number of letters you need to enter.

When you enter the first letter on the keyboard, the Chat software displays a list of words beginning with that letter. As you enter more letters, the list is updated. When the word you want is displayed, you can choose it with a single tap to appear in the Speech Display Bar (SDB). The Chat software then predicts the next word you want to enter.

Two types of word prediction are available—static and learning. Static word prediction predicts words based on the default word prediction dictionary. This allows consistent motor planning for an individual. Learning word prediction predicts words based on words that accumulate as you continue to select words, allowing the word prediction dictionary to “learn” them. Words are predicted not only from the dictionary, but also from new words you add to the dictionary.

Selecting the Type of Word Prediction

You can choose the type of word prediction to use—static or learning—or you can choose to disable word prediction. Choose **Menu > Settings > Text > Prediction > Type**. The Prediction Type window opens.

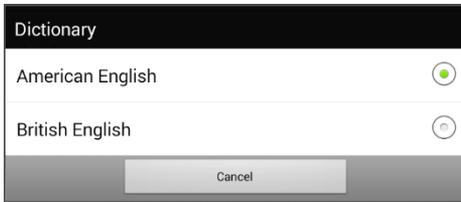


Type	Description
None	If you choose None , word prediction is disabled.
Static	If you choose Static , the Chat software uses the default word prediction dictionary you choose and the settings that apply to learning word prediction are grayed out. See Choosing the Default Dictionary .
Learning	If you choose Learning , the Chat software uses the default word prediction dictionary, allows you to add words to the dictionary, and makes the settings that apply to learning word prediction available to you.

Choosing the Default Dictionary

The default is the word prediction dictionary that will be used as the basic source of words for predicting. For static word prediction, all words will come from the dictionary. For learning word prediction, words you select will be added to this dictionary. North American English and British English dictionaries are available.

Choose **Menu > Settings > Text > Prediction > Default Dictionary**. The Dictionary window opens. Choose **American English** or **British English**.



Adding Words using the Add Learned Words Screen

Use the Add Learned Words screen to add words directly to the learning word prediction dictionary.

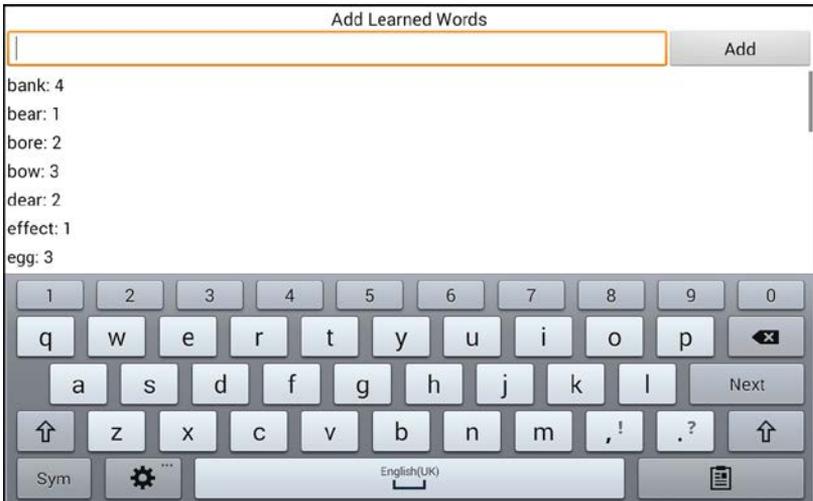
This screen accumulates an alphabetical list of all words you added from all sources—a vocabulary keyboard, the Add Learned Words screen, or an imported text file. Each word is followed by its “count”, that is, the number of times it was entered for learning prediction. This list provides an easy way to review your learning prediction dictionary.

To add a word:

1. Choose **Menu > Settings > Text > Prediction > Add Words**. The Add Learned Words screen opens.
2. Enter the word you want to add.

Note: As you enter letters or other characters, the display will be limited to words that begin with those letters or characters.

3. Choose **Add**. The word will be added to the list.



4. Repeat steps 2 and 3 for each word you want to add.

Note: To add a large number of words at a time, see [Importing Predictions](#).

To review your learning prediction dictionary:

Choose **Menu > Settings > Text > Prediction > Add Words**. The Add Learned Words screen opens.

Either scroll through the list or enter letters in the text field to jump to specific locations in the list.

Adding Words by Entering them in the Vocabulary

In your vocabulary, choose the keyboard button to display the keyboard. Then enter a word that you want to add to the prediction dictionary, followed by either a space or a punctuation mark. Repeat for each word you want to add.

If Review Required is turned off: The words you entered can now be predicted.

If Review Required is turned on: Proceed to [Reviewing New Words for Prediction](#).

Note: To add a large number of words at a time, see [Importing Predictions](#).

Requiring Review of New Prediction Words

You can require that new words entered from the keyboard in a vocabulary be reviewed before they are added to the word prediction dictionary.

1. Choose **Menu > Settings > Text > Prediction**.
2. Choose **Review Required** to insert a checkmark.

To disable required review of new words, choose **Review Required** to remove the checkmark.

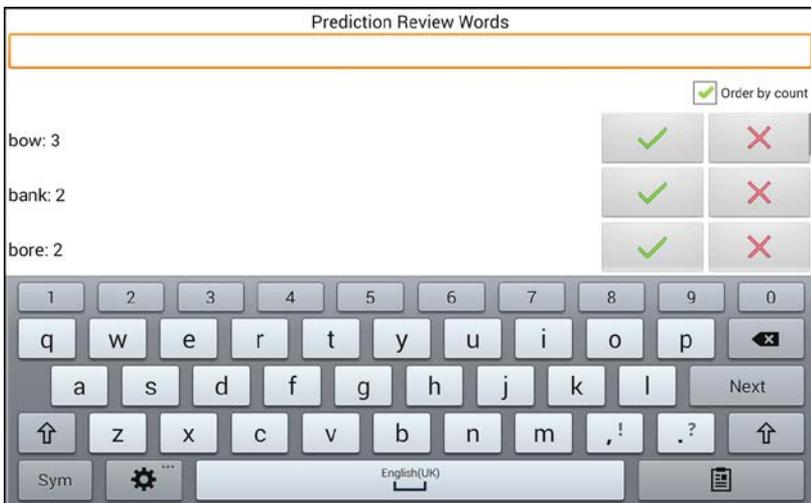
Reviewing New Words for Prediction

The Review Words setting opens the screen from which you can review words before they are added to the word prediction dictionary. Only words entered from the keyboard in a vocabulary will be reviewed. Words added from the Add Learned Words screen or an imported text file will **not** be reviewed.

Choose **Menu > Settings > Text > Prediction > Review Words**. The Prediction Review Words screen lists new words for review.

Each word is followed by its “count”, that is, the number of times it was entered for prediction.

Either scroll through the list or enter letters in the text field to jump to specific locations in the list. To list words in order by frequency of use, select **Order by count**.



To add the word to the word prediction dictionary, choose the checkmark ✓. If you do not want to add the word to the word prediction dictionary, choose the X icon.

Excluding Words from Prediction

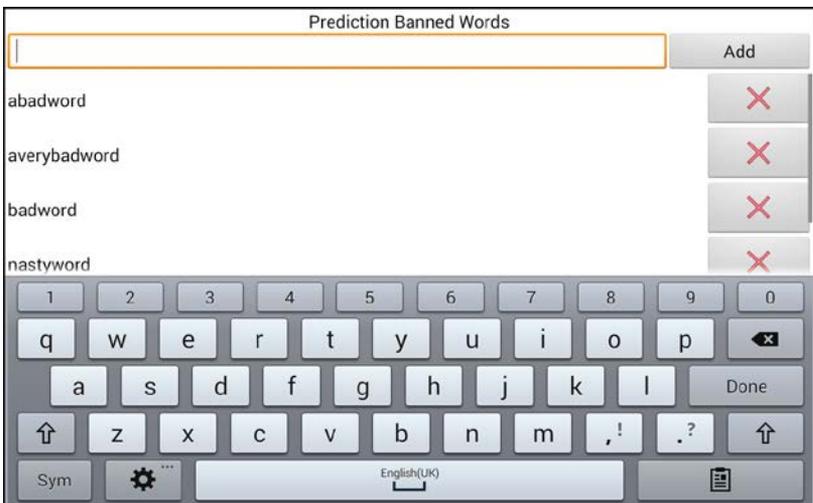
Use the banned words list to prevent specific words from being predicted.

To add a word to the banned words list:

- Choose **Menu > Settings > Text > Prediction > Banned Words**.
- The Prediction Banned Words screen opens.
- Enter a word you want to add to the list.

Note: As you enter characters, the display will be limited to words that begin with those characters. This may save you from trying to add a word that is already on the list.

- Choose **Add**. The word will be added to the list, followed by the **X** icon.



When the list of words is long, either scroll through the list or enter letters in the text field to jump to specific locations in the list.

To remove a word from the banned words list:

Choose the **X** icon for the word you want to remove.

Importing Predictions

You can import words for learning prediction from a text file (.txt). The text can be in the form of individual words, sentences, or paragraphs.

1. Create a text file by either of these methods:

Copy and paste Copy the text you want from your source file and paste it into any text editor (Microsoft Notepad, for example).

If you copy and paste paragraphs: Separate each sentence by pressing **Enter** or **Return**.

If you copy and paste individual words: Separate each word by pressing **Enter** or **Return**.

Save As Use Save As from your source file application to save the document as a text file. Then remove the text you don't want to add to learning prediction. For example, if you use Microsoft Word, select **Save As** and select **Plain Text (*.txt)** from the "Save as type" drop-down menu.

If your text is in paragraphs: Separate each sentence by pressing **Enter** or **Return**.

If your text consists of individual words: Separate each word by pressing **Enter** or **Return**.

2. Connect a USB cable between your device and the computer.
3. Using Explorer from the computer, copy the text file to **My Files > ChatPC > prediction > import**.
4. After you copy the file, return to the Chat software and choose **Menu > Settings > Text > Prediction > Import Predictions**. The Prediction Import screen displays the text file you created with a checkmark ✓ to the right.



5. Choose the checkmark ✓. The filename will disappear from the screen, and the words in the file will be added to the word prediction dictionary.
6. To quickly confirm that the words were added, choose **Menu > Settings > Text > Prediction > Add Words**. The words in the file should be listed on the Add Learned Words screen.

Deleting Prediction Words

You can delete individual learned words or all learned words from the word prediction dictionary.

Choose **Menu > Settings > Text > Prediction > Delete Learned Words**. Two Delete options are displayed.

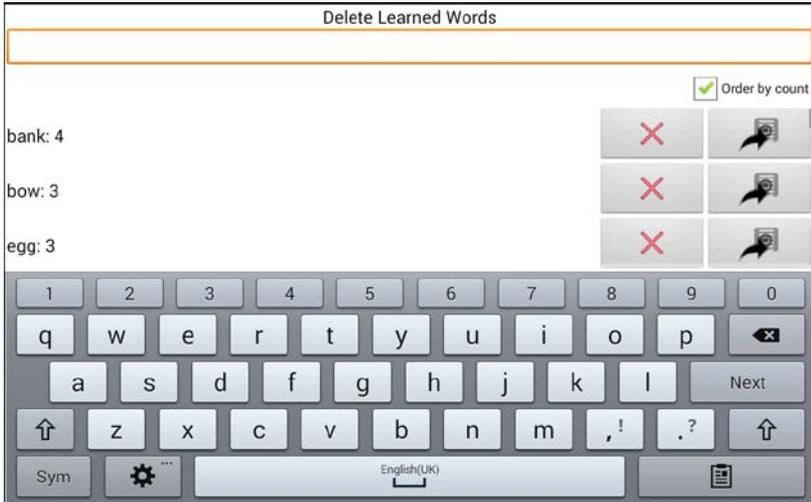


1. To delete individual learned words, choose **Delete Words**.
2. To delete all learned words, choose **Delete All Words**.

To delete individual learned words:

Choose **Delete Words**. The Delete Learned Words screen lists words that can be deleted.

When the list of words is long, either scroll through the list or enter letters in the text field to jump to specific locations in the list. To list words in order by frequency of use, select **Order by count**.



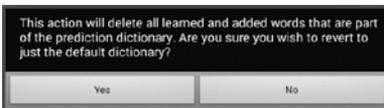
For any word you want to delete from the word prediction dictionary, choose the **X** icon.

To move a word to the list of banned words, choose the  icon.

To delete all learned words:

Important! If you make this choice, **all** words that you added for prediction will be deleted.

1. Choose **Delete All Words**. The following message will be displayed.



2. Choose **Yes**. All words that you added for prediction will be deleted, and only the default dictionary will be available for word prediction.

Adding, Modifying, and Deleting Abbreviations

Abbreviations can be used instead of entering an entire word. Some abbreviations have been provided in the application. Those abbreviations cannot be modified or deleted.

To view the existing abbreviation library:

Choose **Menu > Settings > Abbreviations**.

To add a new abbreviation:

1. Choose **Menu > Settings > Abbreviations > Menu > New**.
2. Enter the abbreviation to be used.
3. Tap **Next**.
4. Enter the text to be displayed and spoken.
5. Choose **Save**.

To use the abbreviation, open the keyboard page and enter the abbreviation, followed by a period. The abbreviation should expand automatically.

To modify an abbreviation:

1. Press and hold on the entry.
2. Choose **Edit** and make appropriate changes.
3. Choose **Save**.

To delete an abbreviation:

1. Press and hold on the entry.
2. Choose **Delete**.
3. Choose **Yes** to confirm.

Enabling Automatic Capitalization

To enable automatic capitalization:

1. Choose **Menu > Settings > Text**.
2. Choose **Automatic Capitalization** to insert a checkmark.

To disable automatic capitalization, choose **Automatic Capitalization** to remove the checkmark.

Open System Devices: Restricting Access – Chat Fusion 8

Important! This section only applies to open system devices. For information on restricting access on a dedicated device, see [Dedicated Devices: Restricting Access](#).

When you want to prevent the user from changing application settings and/or system settings on a Chat Fusion 8, you can do any of the following: Block access to application settings; block access to system settings; or block access to application settings and system settings.

Blocking Access to Chat Fusion 8 Application Settings

You can “lock” the application settings to prevent the user from changing them.

To lock application settings:

- Choose **Menu > Settings > Menu Lock**.
- Enable **Menu Lock**.
- Enter a password and choose **Save**.
- Choose **Menu > Lock**.

To unlock application settings:

Choose **Menu > Unlock**. Enter your password and choose **OK**.

Note: If you forget the password, enter **BOSCO** to overwrite the existing password.

Blocking Access to Chat Fusion 8 System Settings

Not everyone will benefit from having access to the system settings.

To hide access to system settings:

1. Choose **Menu > Settings > System**.
2. Enable **Kiosk Mode**.
3. Choose **Back** to exit the menu.
4. Press and hold the power button on the edge of the device.
5. Choose **Power off**.
6. Choose **OK** to shut down the system.
7. Power the device back on.

To restore access to system settings:

Choose **Menu > Settings > System > Kiosk Mode**. Then uncheck **Kiosk Mode**.

Blocking Access to Chat Fusion 8 Application Settings and System Settings

To hide access to application settings and system settings:

1. Choose **Menu > Settings > System**.
2. Enable **Kiosk Mode**.
3. Choose **Back** to exit the menu.
4. Press and hold the power button on the edge of the device.
5. Choose **Power off**.
6. Choose **OK** to shut down the system.
7. Power the device back on.

To lock application settings:

1. Choose **Menu > Settings > Menu Lock**.
2. Enable **Menu Lock**.
3. Enter a password and choose **Save**.
4. Choose **Menu > Lock**.

To restore access to application settings and system settings:

Important! If the Kiosk Mode option is greyed out, you may have a dedicated device. If you purchased Chat Fusion as a dedicated device, you must purchase a key to unlock the system. Contact Saltillo for details.

1. Choose **Menu > Unlock**.
2. Enter the appropriate password and choose **OK**.
Note: If you forget the password, enter **BOSCO** to overwrite the existing password.
3. Choose **Menu > Settings > System > Kiosk Mode**.
4. Uncheck **Kiosk Mode**.

Open System Devices: Restricting Access – Chat Fusion 10

Important! This section only applies to open system devices. For information on restricting access on a dedicated device, see [Dedicated Devices: Restricting Access](#).

When you want to prevent the user from changing application settings, accessing operating system features, or using apps, you can do any of the following: Block access to application settings; block access to the operating system and apps; block access to application settings AND the operating system and apps.

Blocking Access to Chat Fusion 10 Application Settings

You can “lock” the application settings to prevent the user from changing them.

To lock application settings:

1. Choose **Menu > Settings > Menu Lock**.
2. Enable **Menu Lock**.
3. Enter a password and choose **Save**.
4. Choose **Menu > Lock**.

To unlock application settings:

Choose **Menu > Unlock**. Enter your password and choose **OK**.

Note: If you forget the password, enter **BOSCO** to overwrite the existing password.

Blocking Access to the Operating System and Apps

Not everyone will benefit from having access to the operating system and apps. To make your Chat Fusion device a “closed” device that will only allow the user to access the application, enable Kiosk Mode.

To hide access to the operating system and apps:

1. Choose **Menu > Settings > System > Kiosk Mode**.
2. Enable **Kiosk Mode**.
3. Choose **Back** to exit the menu.

4. Press and hold the power button on the edge of the device.
5. Choose **Power off**.
6. Choose **OK** to shut down the system.
7. Power the device back on. Your device will be “closed”.

To restore access to the operating system and apps:

Important! If the Kiosk Mode option is greyed out on your Chat Fusion, you may have a dedicated device. If you purchased your Chat Fusion as a dedicated device, you must purchase a key to unlock the system. Contact Sالتيلو for details.

Choose **Menu > Settings > System > Kiosk Mode**. Then uncheck **Kiosk Mode**. Your Chat Fusion will be an “open” device.

Blocking Access to Application Settings, the Operating System, and Apps

To hide access to the operating system and apps:

1. Choose **Menu > Settings > System > Kiosk Mode**.
2. Enable **Kiosk Mode**.
3. Choose **Back** to exit the menu.
4. Press and hold the power button on the edge of the device.
5. Choose **Power off**.
6. Choose **OK** to shut down the system.
7. Power the device back on. Your Chat Fusion will be a “closed” device, and access to application settings will be “locked”.

To lock application settings:

1. Choose **Menu > Settings > Menu Lock**.
2. Enable **Menu Lock**.
3. Enter a password and choose **Save**.
4. Choose **Menu > Lock**.

To restore access to application settings, the operating system, and apps:

Important! If the Kiosk Mode option is greyed out, you may have a dedicated device. If you purchased a dedicated Chat Fusion device, you must purchase a key to unlock the system. Contact Saltillo for details.

1. Choose **Menu > Unlock**.
2. Enter the appropriate password and choose **OK**.
Note: If you forget the password, enter **BOSCO** to overwrite the existing password.
3. Choose **Menu > Settings > System > Kiosk Mode**.
4. Uncheck **Kiosk Mode**.

Dedicated Devices: Restricting Access

Important! This section only applies to dedicated devices. For information on restricting access on an open system device, see [Open System Devices: Restricting Access: Chat Fusion 8](#) or [Open System Devices: Restricting Access: Chat Fusion 10](#).

You can prevent the user from changing application settings. If the Kiosk Mode option is greyed out, you may have a dedicated device. If you purchased a dedicated Chat Fusion device, you must purchase a key to unlock the system. Contact Saltillo for details.

Blocking Access to Application Settings

You can “lock” the application settings to prevent the user from changing them.

To lock application settings:

- Choose **Menu > Settings > Menu Lock**.
- Enable **Menu Lock**.
- Enter a password and choose **Save**.
- Choose **Menu > Lock**.

To unlock application settings:

Choose **Menu > Unlock**. Enter your password and choose **OK**.

Note: If you forget the password, enter **BOSCO** to overwrite the existing password.

Creating and Loading Profiles

Profiles provide a snapshot of the current settings of the system to be saved for easy access at a later time. You can save multiple profiles to be used when needed. Creating multiple profiles allows you to switch between groups of settings. A button action is also provided to allow you to change settings by using a button without navigating the menus.

Creating a Profile

1. Choose **Menu > Settings > Profiles > New**.
2. Tap the Name field to open a keyboard. Enter a name for the profile (for example, Morning Settings).
Note: The name can include letters, numbers, and any symbols available on the keyboard.
3. Make all of the setting changes that you want associated with this profile. This includes the vocabulary file, settings, language, etc.
4. Choose **Menu > Settings > Profiles > Save**.
5. Your new profile has been created with all current settings.

To create a second profile (for example, afternoon settings), repeat these steps, making new settings changes to associate with this new profile.

Loading a Profile

You can load profiles by navigating menus or by choosing a button.

To load a profile using menu options:

Choose **Menu > Settings > Profiles > Load**. Choose the appropriate profile.

To load a profile using a button action:

1. Choose **Menu > Edit Mode**.
2. Press and hold the button. (Right-click if you are using the Editor.)
3. Choose **Edit Button**.
4. Add a label, message, and icon as needed.
5. Choose the **Actions** tab, and then choose **Add an action** to open a menu.
6. Choose **Select Profile**.
7. Choose the appropriate profile.
8. Choose **Save** twice.

If you create multiple profiles and load them using a button action, you can switch between profiles without navigating the menus.

Deleting a Profile

Choose **Menu > Settings > Profiles > Delete**. Choose the profile to delete from the list.

Restoring Default Profile Settings

At any time, you can restore the default settings. Choose **Menu > Settings > Profiles > Load**. Then choose **Load Default Settings**.

Changing Languages and Voices

You can change languages and voices.

1. Choose **Menu > Settings > Language**.
2. Choose the appropriate language.
3. Changing the language provides alternative voices.
4. For details on changing the voice, see [Selecting a Synthesizer and Voice](#) on page 118.

Changing Display Settings

The screen brightness and timeout settings can be set in Display Settings. Choose **Menu > Settings > System > Display Settings**.

Setting	Description
Brightness	Brightness provides a slide bar for manually setting the brightness or an option to have the system automatically set the brightness. If you prefer the device to adjust the brightness automatically, check the Automatic Brightness option.
Screen Timeout	Screen Timeout determines the amount of time it takes for the screen to turn off automatically after a period of inactivity. Options range from 15 seconds to 1 hour.
Touch Wake-Up	<p><i>When Touch Wake-Up is turned on:</i> You can wake the device by touching the screen or pressing a switch plugged into the device.</p> <p><i>Note:</i> Touching the screen or pressing a switch will wake the device only if you tapped the power button to put the device to sleep or if the device powered down automatically after a timeout. If you shut down the device by holding the power button and choosing Power Off from the menu, tapping the screen or pressing a switch will not power the device on.</p> <p><i>When Touch Wake-Up is turned off:</i> Tapping the screen or pressing a switch will not wake the device. You can only wake the device by tapping the power button quickly.</p>
Show Recents	When turned on, Show Recents adds the Recent Apps icon to the navigation bar along the bottom of the display. When you tap this icon, shortcuts to apps you recently used are displayed.

Setting the Date and Time

You can set the date and time from the Settings menu, and you can create a button that speaks and displays the current date and time.

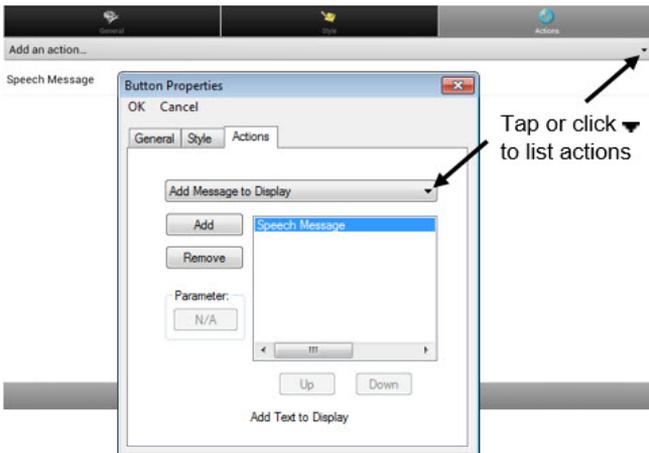
Changing Date and Time Settings

Choose **Menu > Settings > System > Date and Time**. Then set the date, time zone, time, and the appropriate date and time formats.

Creating a Date/Time Button

Be sure that the Date and Time setting is correct before creating a date/time button. See [Changing Date and Time Settings](#). To create a button that displays and speaks the current date and time:

1. Choose **Menu > Edit Mode**.
2. Press and hold the button you want to modify. (Right-click if you are using the Editor.)
3. Choose **Edit Button** to display the Button Properties.
4. Choose the **Actions** tab.
5. Tap or click the arrow ▼ to open a list of actions.



6. From the list of actions, choose **Add Time/Date to Display**.
7. Remove any existing actions for the button that do not apply.
8. Choose the **General** tab and add a label or/and symbol.
9. Choose the **Style** tab and set the appropriate style.
10. Choose **Save**. When you choose the button, it should speak and show the date and time in the Speech Display Bar.

Adding Audible Feedback

The application provides options to add sounds for menu navigation and button presses.

To add an audible click when you navigate between application menus, choose **Menu > Settings > System > Sound Settings > Audible Selection**.

To add beeps for button presses, choose **Menu > Settings > Input > Beep on Button Press**.

Open System Devices: Analyzing Language Development

You can use the data logging capabilities of your device to collect information on a person's language development. Then you can upload that information to the Realize Language website.



This process allows you to monitor, measure and maximize the person's use of the device.

Using the Realize Language Website

The Realize Language online service is subscription-based. It organizes and analyzes information and presents the results in easy-to-understand graphic formats that provides valuable insights into each person's language development. With this service, you can

1. Track the person's communication development over time
2. Compare different aspects of communication automatically
3. Create a detailed summary of performance
4. Share information with others
5. Quickly create reports that anyone can understand

To learn more, go to the Realize Language website:

<https://realizelanguage.com/info/>

To view or download the Realize Language Starter's Guide, go to

<https://realizelanguage.com/info/support>

For Customer Support

If you have a problem with the Realize Language website, email support@realizelanguage.com

If you have a problem with your device, call Saltillo technical support at 1-800-382-8622 or email service@saltillo.com.

Creating a Privacy Password

Data logging provides the option to create a privacy password to protect the data you collect against unauthorized access.

- Choose **Menu > Settings > Data Logging**. The first time you use Data Logging, the following message will appear:

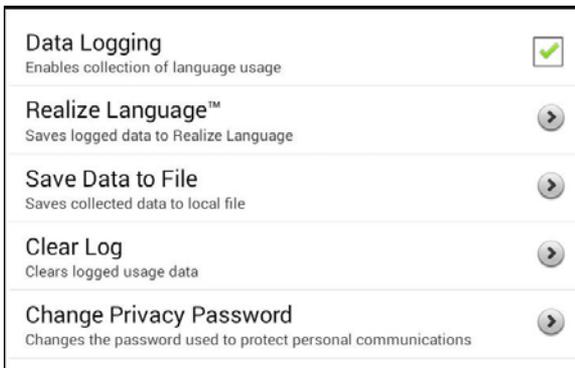
Data logging collects personal communication. You may now set up a privacy password to protect your communications from being shared without your permission.

- Choose **Continue** to close the message and open a keyboard for creating a privacy password.
- Enter a password and choose **Next**.
- Enter the password again to confirm it and choose **Save**. The Data Logging menu will open.

Turning Data Logging On or Off

When data logging is turned on, your device collects language usage data which you can upload to the Realize Language website for web-based analysis or save to a file to analyze manually.

From the Data Logging menu, select **Data Logging**. A green checkmark will appear to indicate that data logging is turned on.



Note: To turn data logging off, select **Data Logging** to remove the green checkmark.

When data logging is turned on, the data logging icon appears in the Speech Display Bar.



Important! If you plan to use the Realize Language website to analyze data, set up a person before you start collecting data.

Uploading Data for Analysis

After you turn data logging on, your device will start collecting usage data. Your next step is to upload that data to the Realize Language website for analysis. You can initiate uploads manually any time or choose to allow data to upload automatically every 24 hours.

Note: Data logging and data uploading (collection) operate independently. If you turn off data logging, data collected since the last upload can still be uploaded manually or automatically as long as a network connection is available. If you disable data uploading, you can still collect data for analyzing manually.

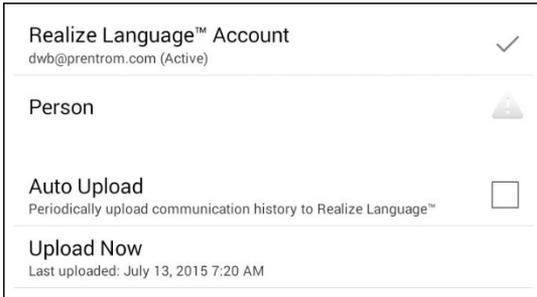
Configuring Data Uploading

Note: You must be connected to Wi-Fi to upload data.

1. Choose **Realize Language** from the Data Logging menu. The first time you select **Realize Language**, the following message will appear: "Access to personal communication requires authorization. Please enter your privacy password." Choose **OK**. A keyboard will open, prompting you to enter your privacy password.
2. Enter your privacy password and choose **OK**. Another keyboard will open, prompting you to enter your Realize Language account email address and Realize Language account password.

A screenshot of a form for setting up a Realize Language account. It has two input fields: "Realize Language email:" and "Realize Language password:". Below the password field is a "Reset Password" button. The form is enclosed in a rectangular border.

3. Enter your Realize Language account email address and choose **Next**. The highlight moves to the Realize Language Password field.
4. Enter your Realize Language account password and choose **OK**. The device will be connected to the Realize Language website, and the Account/Upload screen will be displayed.

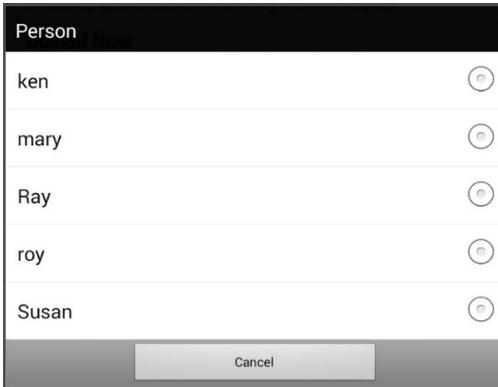


5. The screen will display your Realize Language account email address; the currently selected person (the person with whom collected data will be associated) or a warning icon  if no person is selected; the Auto Upload checkbox; and the Upload Now button with the date and time of the last data upload.
6. At this point you can select a person, set up automatic data uploads, or initiate uploads yourself.

Selecting a Person

A warning icon  following “Person” indicates that no person is selected. If you collect data before selecting a person, that data will be associated with a “default user”. The best practice is to select a person immediately.

1. From the Account/Upload screen, choose **Person**. The Person list will be displayed.



2. Select the person with whom you want to associate data. The following message will appear.

Logged data exists that is not associated with a person. Do you want it associated with [person]?

3. Choose **Yes**. The name you select will appear under “Person”, and a checkmark will replace the warning icon.

Hint: At any time, you can choose **Person** to open the Person list and select a different person.

Important! If you choose **No**, you won’t have another chance to associate the current data with a person. Your only option would be to save the data to a file to view on your device or a computer. See [Saving Data to a File to Analyze Manually](#).

Setting up Automatic Data Uploads

From the Account/Upload screen, select **Auto Upload** to insert a checkmark. Data collected since the last upload will upload immediately, and data will continue to upload automatically every 24 hours.

To set a specific upload time, deselect Auto Upload and then select it again at the time of day you want data uploaded. For example, if you want data to upload automatically at 5:00 each day, select **Auto Upload** at 5:00 on any given day. From that point, data will be uploaded at 5:00 each day.

Note: When you want to analyze data before the automatic upload time, you can choose **Upload Now** at any time.

Note: If you want to initiate all data uploads yourself, leave this option unselected and use Upload Now each time you want to upload data.

Initiating an Immediate Data Upload

Any time you want to upload data immediately, choose **Upload Now**. Data collected since your last upload will be uploaded immediately. The button label will change to “Uploading” while the upload is in progress. When the upload is complete, “Upload Completed” will appear near the bottom of the screen.

Note: You can use Upload Now even if Auto Upload is selected.

Saving Data to a File to Analyze Manually

Save usage data to a file when you want to analyze it manually instead of uploading it to the Realize Language website for analysis.

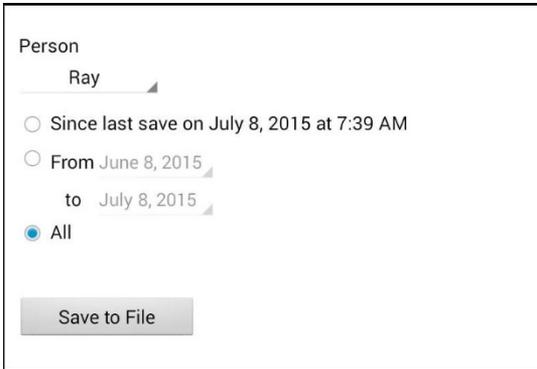
To save data to a file:

1. From the Data Logging menu, choose **Save Data to File**. The following prompt will appear.

Access to personal communication requires authorization. Please enter your privacy password.

2. Choose **OK**. The keyboard will be displayed with the cursor in the Password field.
3. Enter your privacy password and choose **OK**.

The Save to File screen shows the current person under “Person”. To create a file for a different person, select the list box arrow and select a different person.



Person
Ray

Since last save on July 8, 2015 at 7:39 AM

From June 8, 2015 to July 8, 2015

All

Save to File

4. Select an option: “Since last save on”, “From / to”, or All.
5. Choose **Save to File**. The following message will appear: “Data logging collects personal communication. Do you want to save personal communication?”
6. Select **Yes**. “File Saved” will appear near the bottom of the screen.
7. You can then view the file on your device or computer.

To view the file on your device:

If you have an app that can read text files, navigate to the file on your device. The path to the file varies by type of device.

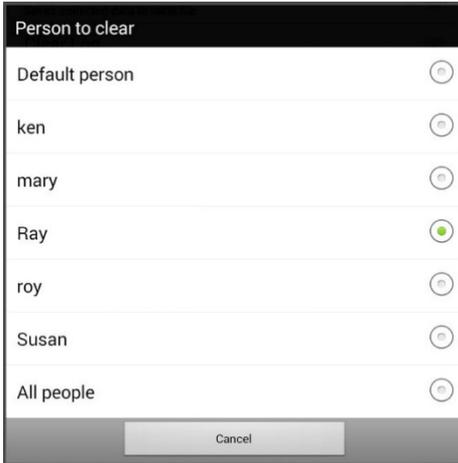
To view the file on your computer:

1. Connect a USB cable between your device and the computer. Give the device a moment to connect to the computer. The device screen will display “Transfer Mode”, and the computer will display a window with several options.
2. Click Open device to view files.
3. Locate the file by navigating to the **ChatPC** folder, and then the **log** subfolder. The filename will begin with the person’s name, followed by the date and time.
4. View the file by opening it in a program installed on the computer.

Clearing Usage Data

To clear usage data for a person:

1. Choose **Clear Log** from the Data Logging menu. The Person to Clear window will be displayed.



2. Choose the person whose usage data you want to clear.

Note: A green dot will appear to the right of the person who is selected currently. You can choose that person, a different person, or **All People**.

3. When you select a person, the following confirmation prompt will appear: “Clear log for [*person*]?”
4. Choose **Yes**.

Changing or Removing Your Privacy Password

By default, each time you save data to a file, you enter a password. Entering a password helps ensure privacy—only you will be able to view the data. You can change this privacy password as often as you want, or you can eliminate the need for a privacy password.

To change your privacy password:

This procedure changes your data logging password only. It does **not** change your Realize Language account password.

1. Choose **Change Privacy Password** from the Data Logging menu.
2. Enter your old privacy password and choose **Next**.
3. Enter your new privacy password in the New Password field and choose **Next**.
4. Enter your new privacy password again in the Confirm Password field and choose **Next**.
5. Choose **Save**.

To remove your privacy password:

If you prefer not to enter a password each time you save data to a file, use this procedure. Keep in mind, however, that you will also lose the privacy protection a password provides.

1. Choose **Change Privacy Password** from the Data Logging menu.
2. Enter your old privacy password and choose **Next**.
3. Leave the New Password field blank and choose **Next**.
4. Leave the Confirm Password field blank and choose **Next**.
5. Choose **Save**.

Dedicated Devices: Analyzing Language Development

You can use the data logging capabilities of your device to collect information on a person's language development. Then you can save that data to a file to upload to the Realize Language website. This process allows you to monitor, measure and maximize the person's use of the device.

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Creating a Privacy Password

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1. Choose **Menu > Settings > Data Logging**. The first time you use Data Logging, the following message will appear:

Data logging collects personal communication. You may now set up a privacy password to protect your communications from being shared without your permission.

2. Choose **Continue** to close the message and open a keyboard for creating a privacy password.
3. Enter a password and choose **Next**.
4. Enter the password again to confirm it and choose **Save**. The Data Logging menu will open.

Turning Data Logging On or Off

From the Data Logging menu, select **Data Logging**. A green checkmark will appear to indicate that data logging is turned on.

When data logging is turned on, the data logging icon appears in the Speech Display Bar.



Saving Data to a File to Analyze Manually

Save usage data to a file when you want to transfer it to a computer and upload it to the Realize Language website for analysis.

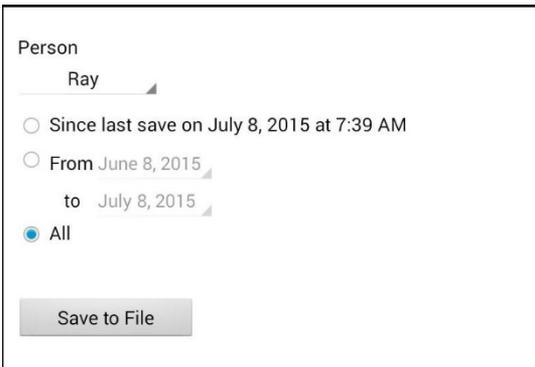
To save data to a file:

1. From the Data Logging menu, choose **Save Data to File**. The following prompt will appear.

Access to personal communication requires authorization. Please enter your privacy password.

2. Choose **OK**. The keyboard will be displayed with the cursor in the Password field.
3. Enter your privacy password and choose **OK**.

The Save to File screen shows the current person under “Person”. To create a file for a different person, select the list box arrow and select a different person.



Person
Ray

Since last save on July 8, 2015 at 7:39 AM

From June 8, 2015
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All

Save to File

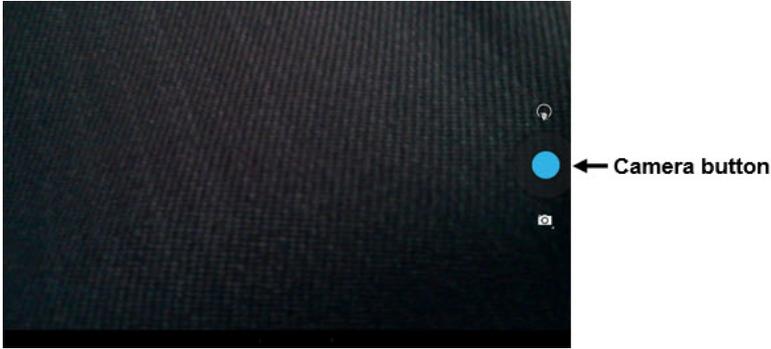
4. Select an option: “Since last save on”, “From / to”, or All.
5. Choose **Save to File**. The following message will appear: “Data logging collects personal communication. Do you want to save personal communication?”
6. Select **Yes**. “File Saved” will appear near the bottom of the screen.

To transfer and upload the file:

1. Connect a USB cable between your device and the computer. Give the device a moment to connect to the computer. The device screen will display “Transfer Mode”, and the computer will display a window with several options.
2. Click **Open device to view files**.
3. Locate the file by navigating to the **ChatPC** folder, and then the **log** subfolder. The filename will begin with the person’s name, followed by the date and time.
4. Upload the file from the computer to the Realize Language website.

Taking Pictures

From the home screen or Apps folder, tap the **Camera** shortcut .



To take a picture:

1. Using the display as a viewfinder, aiming the lens at the subject.
2. A white circle will appear in the center of the display. This circle shows the area of focus.
3. To change the focus, tap another area of the display. The circle will move to that area.
4. When the image looks the way you want it, tap the **Camera** button.

To use additional features:

Tap the icon above the Camera button to open secondary levels of icons that allow you to switch between the front and rear cameras, change a variety of settings such as exposure and lighting, and activate additional features.

Tap the icon below the Camera button to control the type of shot you want: single shot, video, or panoramic.

Creating and Using a Camera Button

You can create a button that allows you to take a picture that will be displayed on the button automatically every time you tap the button. The picture will also be added to the Gallery app or the Pictures folder in Gallery. Each time you press the button, a new image from the camera will replace the existing image on the button. An image will appear on the button until you press the button again.

Hint: To view the image on a larger scale, increase the size of the button and remove the button label.

Setting up the Button Action

1. Go to the page with the button location you want.
2. Choose **Menu > Edit Mode**.
3. Press and hold the button. A menu will open.
4. Choose **Edit Button** to display the Button Properties.
5. Add a label and message.
6. Scroll down to “Button Actions” and tap **Add** to open the list of actions.
7. Scroll down the list and select **Take Photo**.
8. The Take Photo action will be added to the button’s actions.
9. Choose **Save**.

Taking a Picture for Your button

1. Tap the new button to activate the camera.
2. Take a picture of the object or person.
3. Save the photo.
 1. On some devices, a checkmark will be displayed. Tap the checkmark to open a keyboard.
 2. On other devices, Save and Discard buttons will be displayed. Tap the **Save** button to open a keyboard.
4. Enter a name for the photo and choose **Save**. “Photo saved to Button” will appear.
5. The photo will appear as the image on the button.

Note: If the button previously displayed an image, the new image will replace it. The image will also be available in the Gallery app or the Pictures folder in Gallery.

Deleting Photos

To delete photos, do either of the following:

- Choose Gallery or the Pictures folder, select the photo, and tap the Delete icon.
- Turn off your device and turn it back on. Then connect the device to your computer, go The Pictures folder, and delete the photo using Explorer from the computer.

Updating the Application

Be sure to check for available software updates on a regular basis.

Note: You must be connected to Wi-Fi to download updates automatically.

Downloading and Installing Updates Automatically

The “Allow WiFi Download” and “Auto Install” options are selected by default on your device. Leave both options selected. To verify that the options are selected are selected:

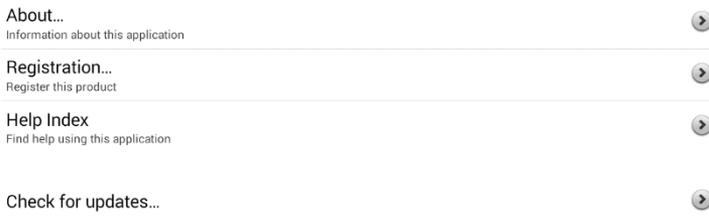
1. Choose **Menu > Help > Check for Updates > Menu.**



2. If either option is not selected, select the box to insert a green checkmark.

To check for, download, and install updates:

1. Choose **Menu > Help.** The Help screen will be displayed.



2. Choose **Check for Updates.** A screen will show “Check Now” along with the current software version, when you last checked for updates, and the date and time of the last update.

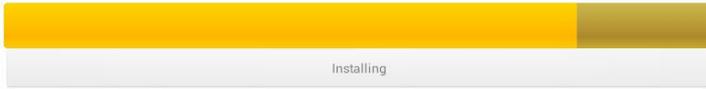
1.12.0-62-gb3dd24c



3. To check for available updates, choose **Check Now.**

- When the system finds one or more updates to install, a window will give you the option to install the update software or cancel.
- Choose **Install**. “Installing” will be displayed below a progress bar while the installation is in progress.

ChatPC/library/myQuickChat T2_Adult PCS.c4v



Last Check: Jan 23, 2000 5:23 PM
Last Update: Never

Note: The number of updates to install can vary. When prompted, follow the on-screen instructions.

- When the installation is complete, the screen will show “The Update Completed Successfully”.

Alternative #1: Download Updates Automatically and Install Them Manually

Note: You must be connected to Wi-Fi to download updates automatically.

Leave “Allow WiFi Download” selected, but de-select “Auto Install”. To do this, choose **Menu > Help > Check for Updates > Menu**.

Update files will download automatically, but will not be installed. The next time you restart the device, “Check Now” will be displayed on the screen. Choose **Check Now** and then select the update.

Alternative #2: Download and Install Updates Manually

De-select both “Allow WiFi Download” and “Auto Install”. Choose **Menu > Help > Check for Updates**. Choose **Check Now** and select the available update(s).

Backing Up Your Vocabulary Files

It's important to back up your vocabulary files to guard against losing changes you made. If a problem occurs, you can then restore the backed-up files to your device. How you back up your vocabulary files depends on the backup media you have access to.

If you have a USB drive:

Select specific vocabulary files and back them up to a USB drive. See [Backing Up Customized Vocabulary Files to a USB Drive](#) on page 222.

If you have access to a computer:

Select specific vocabulary files and transfer them to a computer. See [Transferring Vocabulary Files between Your Device and Chat Editor](#) on page 227.

If you don't have access to external backup media:

Make a backup copy of your entire library of vocabulary files on your device. See [Making a Backup Copy of the Library of Vocabulary Files on Your Device](#) on page 229.

Backing Up Customized Vocabulary Files to a USB Drive

To keep customized vocabulary files safe, use the Import/Export feature. These terms refer to moving files in relation to your device: “export” indicates to move files *from* your device to another storage medium; “import” indicates to move files from another storage medium *to* your device.

1. Chat Fusion 8 devices: The Import/Export feature can back up vocabulary files to a USB drive or to a folder on the device
2. Chat Fusion 10 devices: The Import/Export feature can only back up vocabulary files to a USB drive.

To back up one or more vocabulary files to a USB flash drive:

You will need a flash drive with a micro-USB connector. The USB flash drive provided by Saltillo has a micro-USB connector on one end that plugs into your device and a USB 3.0 connector on the other end that plugs into a computer. The drive rotates in its holder so you can plug in either connector.



1. Connect the USB drive to the USB port on your device.

Example: USB flash drive with a micro-USB connector



Note: If the device's file manager opens, use the device's **Back** arrow ↶ to close it.

2. On the device, select **Menu > Library > Menu > Import/Export**.

Note: A different file management screen may open. Depending on your device, select or navigate to the USB drive, choose the folder you want, and choose **Select** or **OK**.

- A window will list the customized files under Device on the left. Any files already on the USB drive are listed under Backup Folder on the right.

Device		Backup Folder
4 de base French SS_Copy1	<input type="checkbox"/>	
MultiChat15 French SS_Copie	<input type="checkbox"/>	
MultiChat15 Spanish SS_Copie	<input type="checkbox"/>	
VocabPC French SS_29	<input type="checkbox"/>	To Backup »
VocabPC French SS_Copie	<input type="checkbox"/>	
WordPower24 SS_Copy	<input type="checkbox"/>	« To Device
WordPower42 SS2	<input type="checkbox"/>	
WordPower42 SS_Copy	<input type="checkbox"/>	
WordPower48 Español	<input type="checkbox"/>	

- Select each file on the device that you want to copy to the USB drive.

Device		Backup Folder
VocabPC French SS_Copie	<input type="checkbox"/>	
WordPower24 SS_Copy	<input checked="" type="checkbox"/>	
WordPower42 SS2	<input type="checkbox"/>	
WordPower42 SS_Copy	<input checked="" type="checkbox"/>	To Backup »
WordPower48 Español SS_Copia	<input type="checkbox"/>	
WordPower60 Basic PCS_Copy	<input checked="" type="checkbox"/>	« To Device
WordPower60 Basic PCS_Copy5	<input type="checkbox"/>	
WordPower60 Basic PCS_Copy6	<input type="checkbox"/>	
wp60test	<input type="checkbox"/>	

5. Select **To Backup**, which is now highlighted. The files will be copied to the USB drive. When the files finish copying, they will be listed under Backup Folder.

Device		Backup Folder
VocabPC French SS_Copie	<input type="checkbox"/>	WordPower24 SS_Copy <input type="checkbox"/>
WordPower24 SS_Copy	<input type="checkbox"/>	WordPower42 SS_Copy <input type="checkbox"/>
WordPower42 SS2	<input type="checkbox"/>	WordPower60 Basic PCS_Copy <input type="checkbox"/>
WordPower42 SS_Copy	<input type="checkbox"/>	
WordPower48 Español SS_Copia	<input type="checkbox"/>	
WordPower60 Basic PCS_Copy	<input type="checkbox"/>	
WordPower60 Basic PCS_Copy5	<input type="checkbox"/>	
WordPower60 Basic PCS_Copy6	<input type="checkbox"/>	
wp60test	<input type="checkbox"/>	

6. Disconnect the USB drive from your device and store it in a safe location.

Restoring a Backed-up File

If you need to restore a backed-up file to your device, do the following:

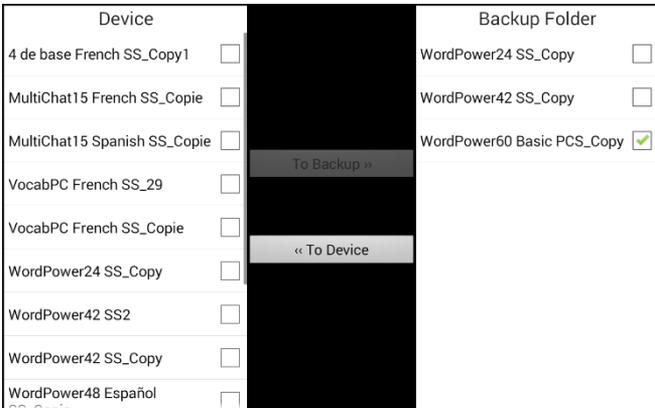
1. Connect your USB drive to the USB port on your device.

Note: If the device's file manager opens, use the device's **Back** arrow  to close it.

2. On the device, select **Menu > Library > Menu > Import/Export**.

Note: A different file management screen may open. Depending on your device, select or navigate to the USB drive, choose the folder you want, and choose **Select** or **OK**.

3. A window will list previously backed-up files under Backup Folder on the right.
4. Select the file on the USB drive that you want to copy to the device.



5. Select **To Device**, which is now highlighted. The file will be copied to the device.

Note: If the backed-up file has the same name as a file on your device, you will be asked if you want to overwrite the file on the device.



6. If you select **Yes**, the file will be overwritten as the file is copied to the device.

7. If you select **No**, the backup process will stop. Rename the file on the device and repeat steps 2 through 5.
8. When the file finishes copying, it will be listed under Device.
9. Disconnect the USB drive from your device and store it in a safe location.

Transferring Vocabulary Files between Your Device and Chat Editor

If you have a computer, you can transfer vocabulary files between your device and the computer using Chat Editor.

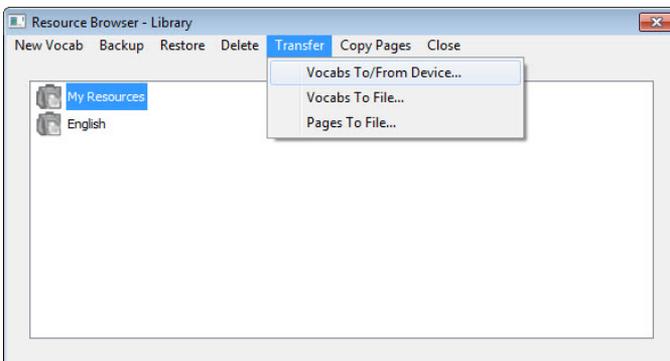
1. On the computer, start Chat Editor.
2. Attach a USB cable to the device and to the computer that is running the Editor.



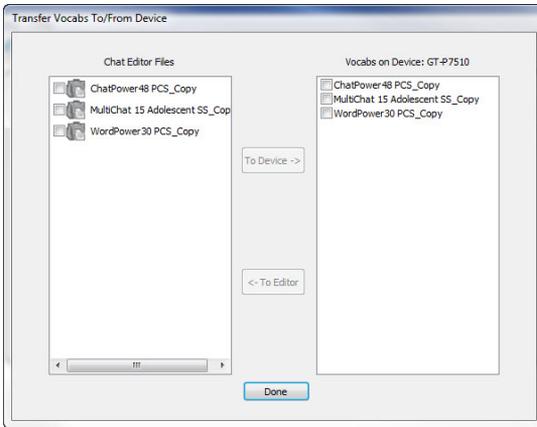
Cords and cables are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.

Note: If a message prompts you to allow access, you must tap **Allow** to proceed. For details, see Appendix B: Connecting Your Device to a Computer for the First Time on page 193.

3. The device screen will display “Transfer Mode”.
4. In the Editor, select **Library** to open the Resource Browser.
5. From the Resource Browser, select **Transfer**, and then select **Vocabs To/From Device**.



- From the Transfer screen you can copy customized vocabulary files from the device to the Editor or from the Editor to the device.



Copying Vocabulary Files from the Device to the Editor

From the Transfer screen, select the vocabulary file or files you want to transfer from the device to the computer and click the **To Editor** button.

When the transfer is complete, the name of the file should be listed in the Chat Editor section of the Transfer screen. Click **Done**.

If you are finished transferring files, disconnect the USB cable from the device and the computer.

Copying Vocabulary Files from the Editor to the Device

From the Transfer screen, select the vocabulary file or files you want to transfer from Chat Editor to the device and click the **To Device** button.

When the transfer is complete, the name of the file should be listed in the Vocab on Device section of the Transfer screen. Click **Done**.

If you are finished transferring files, disconnect the USB cable from the device and the computer.

Making a Backup Copy of the Library of Vocabulary Files on Your Device

The library backup feature allows you to create a copy of your library of vocabulary files on the same device. However, if the device is damaged or lost, the backup is also lost. Also keep in mind that when you perform a backup, you will overwrite any existing backup file.

Backing up a Library on the Device

1. Choose **Menu > Library**.
2. Choose **Menu > Backup**.
3. Choose **Yes** to proceed.
4. When the backup is complete, choose **OK**.

Restoring a Library to the Device

1. Choose **Menu > Library**.
2. Choose **Menu > Restore**.
3. Choose **Yes** at the overwrite prompt.
4. Choose **Yes** at the restart prompt.
5. When the restore is complete, choose **OK** to restart the device.

If you're working in Chat Editor, you can make a backup copy in the Editor. When you perform a backup, you will overwrite any existing backup file.

Backing up a Library in the Editor

1. Click **Library**.
2. Click **Backup**.
3. Type **Yes** to proceed.
4. Click **Continue**.

Restoring a Library to the Editor

1. Click **Library**.
2. Click **Restore**.
3. Type **Yes** to proceed.
4. Click **Continue**.

Clearing Custom Vocabularies and Settings

Although most systems are purchased with one end user, there are times that devices are shared among more than one person. This can occur when systems are used in schools or libraries. In these cases, the vocabulary and settings will need to be cleared between device users.

Clearing Custom Vocabulary

If you only want to delete one or more custom vocabularies, use this procedure.

1. Choose **Menu > Library > Menu > Delete**.
2. Check each file in the list (the list contains only custom files).
3. Choose **Delete**.
4. Choose **Yes** to confirm.
5. Your Chat Fusion should now contain only the Saltillo-provided default vocabulary files.

Restoring the Default Settings

If you only want to restore the default Chat software settings, use this procedure.

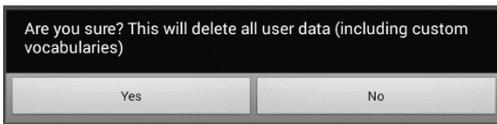
1. Choose **Menu > Settings > Profiles > Load**.
2. Choose **Load Default Settings**.
3. Manually set up the appropriate synthesizer and voice by choosing **Menu > Settings > Speech Output > Voice**.

Deleting All Custom Vocabularies and Settings

If you want to delete all custom vocabularies and restore all Chat software settings to their defaults, use this procedure. The Reset Data option is only available if you set up a Menu Lock password. See [Open System Devices: Restricting Access: Chat Fusion 8](#) or [Open System Devices: Restricting Access: Chat Fusion 10](#).

Important! Choosing Reset Data will delete **all** custom vocabularies and restore **all** Chat software settings to their defaults.

1. Choose **Menu > Settings > System > Reset Data**. The following prompt will be displayed.



2. Choose **Yes** to confirm.
3. All custom vocabularies will be deleted, and the Chat software settings will be restored to their defaults.

Note: Reset Data does **not** remove items saved within the operating system. To remove these items, attach a cable to your computer and, using Explorer from the computer, remove only items from the Gallery, Photos, Music, and Video ar. For additional information, see the next section, [Removing Downloaded Apps and Files](#).

Removing Downloaded Apps and Files

Dedicated devices: This section does not apply to dedicated devices.

If you suspect that the device user may have downloaded new apps that should be deleted from the system, contact Saltillo for details or visit our Support site for details on removing these items.

Images can be removed manually by choosing the Gallery App and choosing to delete the images and image albums.

Photos taken with the device's camera can be removed by choosing the Photos app and choosing to delete them.

Music that has been added to the device can be removed by going to the Music app and choosing to delete each song.

Videos that have been added to the device can be removed by going to the Video app and choosing to delete each video.

Setting up and Using Texting

You can use your Chat Fusion device to send and receive text messages. Compose messages the same way you enter any other text.



Use your device and phone safely while texting. Do not text while performing another task or activity.

Important! To use texting on your device, you must also have an Android™ phone with a texting plan available. See the phone manufacturer's manual for safe mounting and placement.

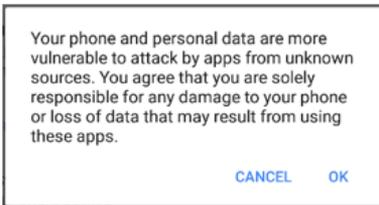
You will need to set up the ChatSMS™ app on that phone and establish a Bluetooth connection between the phone and the device. See [Installing the ChatSMS Application on Your Phone](#) and then [Connecting Your Chat Fusion Device to Your Phone](#).

Text messages on your mobile access device may incur a charge from your mobile access service provider. Wireless carrier fees may apply.

Note: Images in this section are examples only. Texting pages vary by vocabulary. You can also modify texting pages the same way you modify vocabulary pages—change colors, button text, button images, etc.

Installing the ChatSMS Application on Your Phone

1. On your phone, open your internet browser.
2. Go to www.salttillo.com/support. Under “Alternative Support”, click on **ChatSMS** to start the download.
3. When the download is complete, go to the app listing and then go to **Settings**.
4. Go to **Security**.
5. Find the setting **Unknown Sources** and turn it on. Tap **OK** when the following pop-up box appears.



Note: This step will vary with the device. If your device does not have the Unknown Sources setting, the setting will probably appear when you install the ChatSMS.apk file.

6. Tap on the home button at the bottom of the phone.
7. Tap **Apps > File Manager**.

Note: This will be named differently depending on your brand of phone. If your phone does not have a file manager, Google Play has several to choose from. Choose the one that best fits your needs.

8. Find the **ChatSMS.apk** in the phone’s download folder and tap on it.
9. Tap **Install**.
10. If the Google Protect pop-up box appears, tap **Allow**.
11. When the ChatSMS.apk is installed, tap the home button.
12. Go to the app listing and then **Settings**.
13. Go to **Security**.
14. Find the setting **Unknown Sources** and turn it off.
15. Tap the home button.
16. Tap **Apps > ChatSMS**.
17. When “An app wants to turn Bluetooth ON for this device” appears, tap **Allow**.
18. When ChatSMS opens, tap on **ChatSMS is not your SMS app** at the top.

19. Tap **Yes** on the “Change SMS App?” pop-up box. This will make ChatSMS the primary texting app on the phone.
20. To make Chat SMS discoverable for the NOVA chat device:
 - Tap on the No Bluetooth Connection banner at the top.
 - When “An app wants to make your phone visible to other Bluetooth devices for 120 seconds” appears, tap **Allow**.
 - ChatSMS is now waiting for the device to connect to it.
21. Proceed to [Connecting Your Chat Fusion Device to Your Phone](#).

Connecting Your Chat Fusion Device to Your Phone

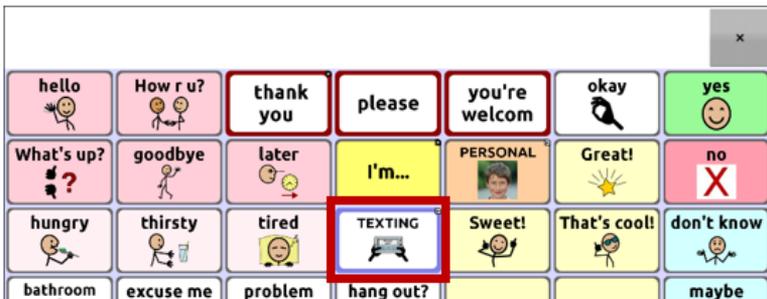
1. On your device, choose **Menu > Settings > System > Bluetooth settings**.
2. Make sure that **Use with Phone** is turned on.

Note: When you select **Use with Phone**, the following message will appear:

Text messages on your mobile access device may incur a charge from your mobile access service provider. Wireless carrier fees may apply.

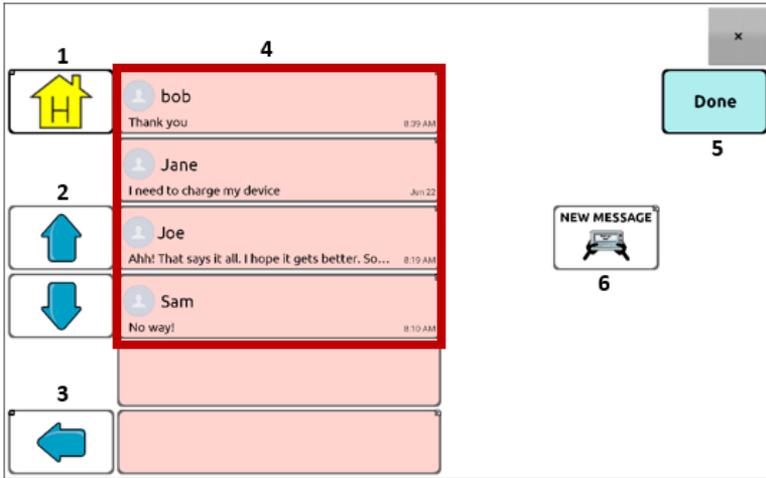
Tap **OK** to proceed.

3. Choose **Connect to Phone**. The device will scan for available phones and list them on the screen.
4. Select your phone. “Connecting to device” will be displayed. When the device connects to the phone, “-Connected” will be displayed after the phone name at the top of the screen and a “Connected” message will appear briefly at the bottom of the display.
5. Use the device’s Back button (↩, ⬅, or ◀) to go to the vocabulary’s home page and then navigate to the page that includes the Texting button. For example:



Note: The appearance and location of the Texting button depend on the vocabulary file you are using and where you choose to locate the button. See [Using Texting in a Default Vocabulary File](#) or [Adding Texting to a Customized Vocabulary File](#).

- The conversations stored on the phone will be listed on the texting conversations page.



Button	Description
1	Home button: Go to your home page.
2	Scrolling arrows: Scroll through your conversations.
3	Previous arrow: Go to the previous page.
4	Conversations list: Each conversation shows the first few words of the most recent message. To view the entire conversation, select the conversation to open the texting messages page.
5	Done: Functions only when Send or Create Contact is displayed in the SDB. Done provides an alternative button that may be easier for the user to access than the Send or Create Contact buttons.
6	New Message: Open your list of contacts, select a contact, and compose and send a message.

Using Texting in a Default Vocabulary File

The default WordPower and MultiChat vocabulary files all now include texting pages. If you want to use a default vocabulary, texting pages are already set up. Simply create a copy of the vocabulary file and customize the texting pages and other vocabulary pages as you want.

To go to texting in the default WordPower vocabularies, choose **Social** and select the **Texting** button on the Social page.

To go to texting in MultiChat 15, choose **Things**, choose **More Things**, and select **Texting** on the More Things page.

Copying the Done Button to a Different Page

Done provides an alternative button that may be easier for the user to access than the Send or Create Contact buttons. You may want to copy the button to your keyboard or another convenient page so you don't need to return to the Social or More Things page.

- Choose **Menu > Edit Mode**.
- Press and hold on the Done button.
- Choose **Copy Button**.
- Press and hold on the location for the new button.
- Choose **Paste Button**.

Adding a Button with the “Done” Action to a Page

As an alternative to copying the Done button, you can create or modify a button on a page and assign the Done action.

1. Choose **Menu > Edit Mode**.
2. Press and hold the button you want to modify. A list of button options opens.
3. Choose **Edit Button**. The Button Properties window opens to the General tab.
4. Add a label and image.
5. Choose the **Actions** tab.
6. Tap or click the “Add an action” list arrow  to open a list of actions.
7. Choose the **Done** action.
8. Choose **Save**.

Adding Texting to a Customized Vocabulary File

As you prepare to add texting pages to a customized vocabulary file, first consider the following:

1. The vocabulary file's layout (number of buttons)
2. The vocabulary file's symbol set (SymbolStix or PCS symbols)
3. The page you want to use as the texting keyboard page—the Home page for choosing buttons or the spelling keyboard page (ABC).

To add texting:

1. Import the texting pages from the default vocabulary file that most closely matches the layout (number of buttons) of your customized vocabulary file.

Important! Select a default file that also uses the same symbol set (SymbolStix or PCS symbols).

For this example, assume your customized vocabulary file includes 60 buttons and the SymbolStix symbol set.

Choose **Menu > Edit Mode > Pages > Menu > Import**.

2. Choose a default vocabulary file from which to import the texting pages. For this example, WordPower60 SS would be a close match.
3. When you select a vocabulary file, a list of pages is displayed.
4. Select each of the following (a checkmark will appear in the box after each page you select).
 - Texting Contacts
 - Texting Conversations
 - Texting Message Details
 - Texting Messages
5. Choose **Import**. The selected pages will be imported into your customized vocabulary.
6. Create a button in your customized vocabulary file that will take you to the texting pages.

Suggestion: Use an empty button, possibly one on the Social page.

7. Edit the button: add a label, message, and/or image.
8. Select the **Actions** tab.
9. Remove **Speech Message**.
10. Select **Texting - Navigate to Conversations**.

11. Choose **Save**.
12. While still in Edit Mode, choose **Menu > Pages** and set each of the imported texting pages as a special page. Press and hold on a page name and select **Set as Special Page**. Then select the applicable special page designation:

page name “Texting Contacts” > Set as Special Page > Text Contacts

page name “Texting Conversations” > Set as Special Page > Text Conversations

page name “Texting Message Details” > Set as Special Page > Text Message Details

page name “Texting Messages” > Set as Special Page > Text Messages

13. Tap **Back** to save your changes and exit.

Note: Your Home page will be your texting keyboard. If you want to use a different page for your texting keyboard page—a spelling keyboard page, for example—see [Using a Different Texting Keyboard Page](#).

14. Choose **Menu > Edit Mode** to exit Edit Mode. Then navigate to the page that includes your Texting button. When you select the button, you’ll see that the texting pages are linked and working together.

Using a Different Texting Keyboard Page

By default, your Home page is your texting keyboard. If you want to use a different page for your texting keyboard page—a spelling keyboard page, for example—do the following:

1. In Edit Mode, choose **Menu > Pages** and then scroll to and tap **Texting Messages**.
2. From the popup menu, tap **Open**.
3. Press and hold the **Reply** button.
4. From the popup menu, tap **Edit Button**.
5. Tap the Actions tab and tap **Add an action**.
6. Scroll to and tap **Navigate**. A list of pages will appear.
7. Scroll to and tap the page you want to use as your texting keyboard page. A preview of the page will appear on the right side of the page.
8. Tap **OK**.
9. Select an animation or leave **No Animation** selected.
10. Choose **Save**.
11. Choose **Save** on the next page as well.
12. Repeat steps 1 through 11 for the **Texting Message Details** page.

13. Change the texting keyboard destination for the Texting Contacts page by doing the following:
 - Touch and hold one of the “Contact” buttons.
 - Repeat steps 4 through 11.
14. When you finish, choose **Menu > Edit Mode** to exit Edit Mode. The page you selected is now your texting keyboard page.

Deactivating or reactivating Texting

To deactivate texting on your device, choose **Menu > Settings > System > Bluetooth settings**. Turn off **Use with Phone**.

To reactivate texting, choose **Menu > Settings > System > Bluetooth settings**. Turn on **Use with Phone**.

Increasing the Size of the Speech Display Bar (SDB)

If you aren't using a keyguard, you may want to increase the size of the SDB. This will not only increase the size of the area for composing text, but also increase the size of the Send button, making it easier to access.

To increase the size of the SDB, do one of the following:

- Choose **Menu > Settings > Style > Number of Lines**. In the Line window, select the number of lines that will increase the SDB and the Send button to the size that works best.
- Choose **Menu > Settings > Style > Font > Font Size**. In the Choose a size window, choose a number that will increase the SDB and the Send button to the size that works best.

Creating a Contact on Your Phone

To send a text to someone, you must first create a contact. You can create a contact on your phone or from a received message on your device.

The method of creating a contact on a phone varies by model. Enter the contact's name and phone number. Because you have a Bluetooth connection, the contacts you create on the phone will be displayed on the device when you choose **New Message**.

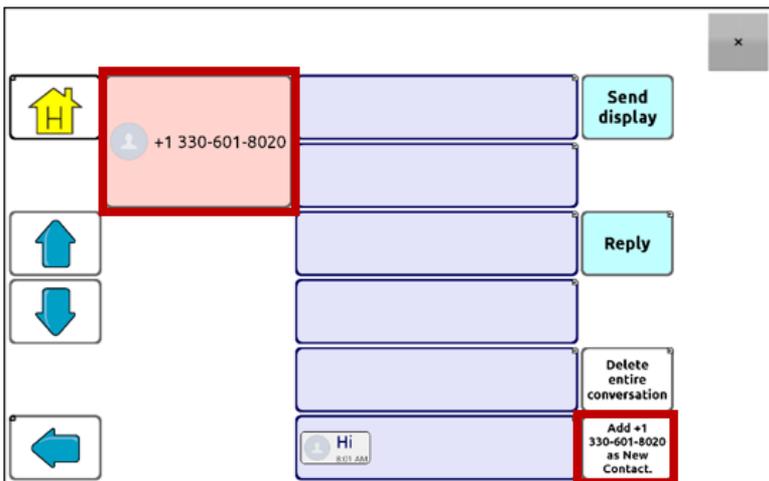
When you want to delete a contact, use your phone to delete it.

To learn how to add a contact from a message, see [Adding a Contact from a Received Message](#).

Adding a Contact from a Received Message

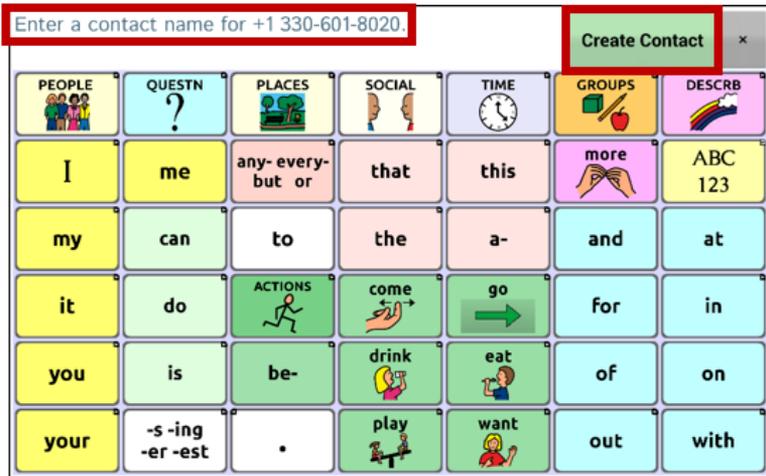
Use this procedure when you receive a message from someone you want to add as a contact.

1. From the texting conversations page, select the phone number of the person you want to add as a contact. The list of messages for that number will open with an additional "Add as New Contact" button. For example:

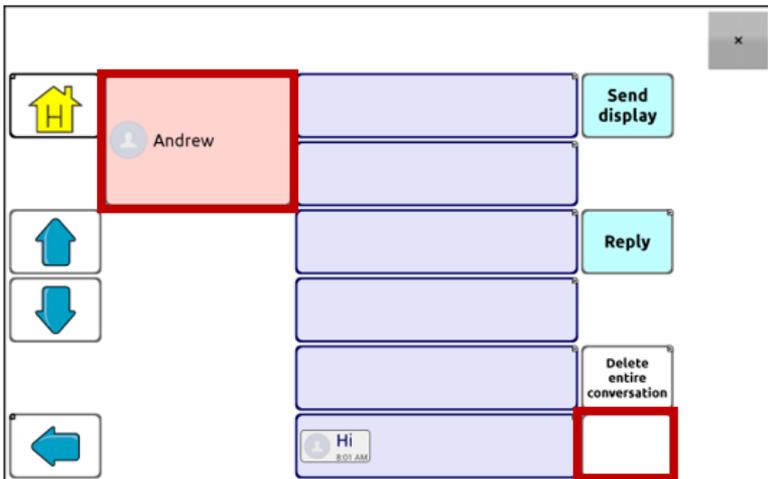


Note: The location of the Add as New Contact button varies by vocabulary file.

- Choose the **Add as New Contact** button. The SDB will display an “Enter contact name” prompt and a Create Contact button.



- Enter the contact’s name in the SDB.
- Choose the **Create Contact** button. The list of messages for the contact will be displayed with the new name in place of the phone number. The Add as New Contact button will be empty.

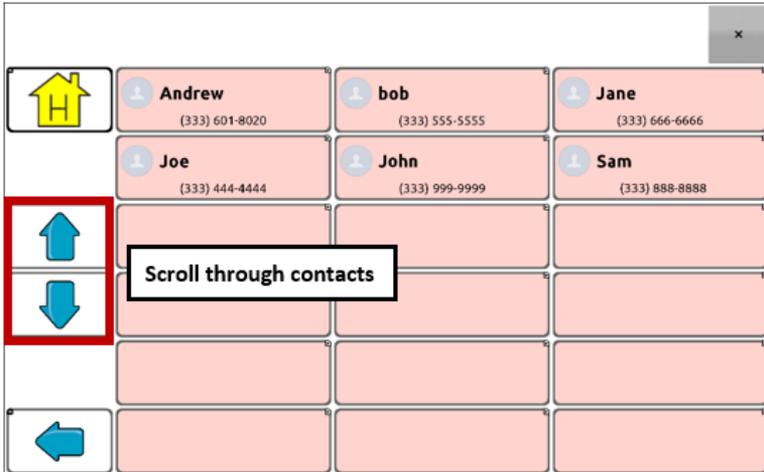


- The new name will appear on the texting conversations page and the contacts list.

Composing and Sending a Message

You can use the texting pages that are set up in the vocabulary on your device. Or, if you want to customize the texting interface, see [Advanced Texting Setup](#) on page 253.

1. To send a message, choose the Texting button in your vocabulary. The texting conversations page opens.
2. Choose **New Message**. Your contacts list is displayed.

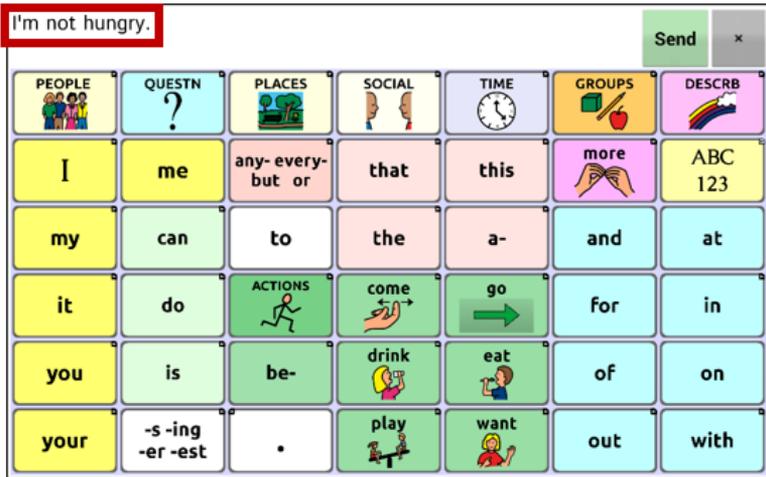


3. Select the contact you want you want to send the message to. The vocabulary home page (or the page you specified as your texting keyboard page) is displayed with an “Enter the text” prompt and a “Send” button located in the SDB.



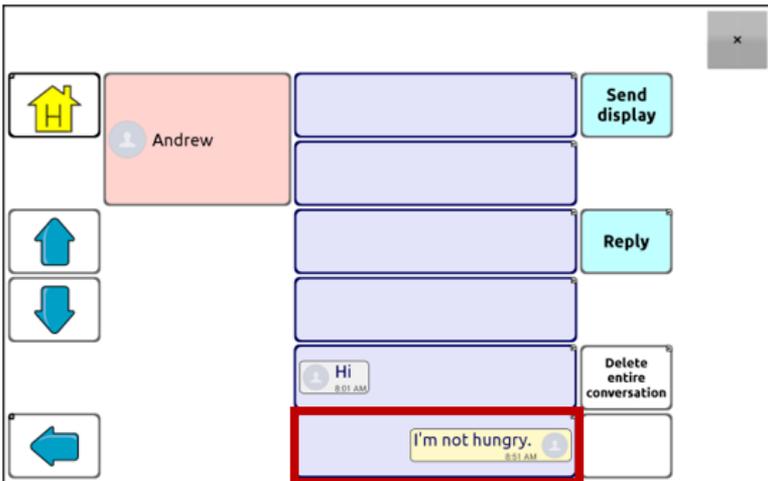
Hint: If you chose the wrong contact or don't want to send a message for any other reason, press **Back** (↩, ⬅, or ◀) several times until the “Enter the text” prompt disappears from the SDB.

- Compose your message just as you would enter any text. The message appears in the SDB.



Hint: If you aren't using a keyguard, you may want to increase the size of the SDB. This will increase the size of the Send button, making it easier to access. To increase the size of the SDB, choose **Menu > Settings > Style > Number of Lines**.

- Choose **Send**. The SDB is cleared and the list of messages for the contact is displayed. The message you sent is displayed at the bottom of the list.



Note: All text messages you sent to the contact and received from the contact in the current conversation are listed. Messages sent by you to the contact appear on the right; messages received from the contact appear on the left.

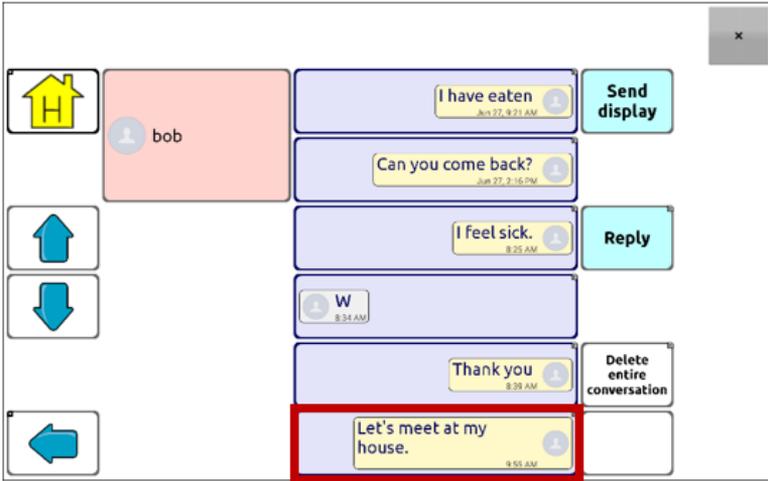
Feature	Description
Send Display	Send the current contents of the SDB as a text message and clear the SDB. The list of messages for the contact is then displayed with the new message at the bottom of the list.
Reply	Reply to the most recent message (at the bottom of the list). Click Reply to open the vocabulary home page (or the page you specified as your texting keyboard page) with a Send button in the SDB. Compose your message and choose Send .
Delete entire conversation	Delete the conversation, that is, the contact and all messages for that contact. Important! Deleting a conversation deletes all messages to or from the contact. You will not be able to undo the deletion.

Note: The message list only shows the first few words of each message. To view the entire message, select the message to open the text message details page.

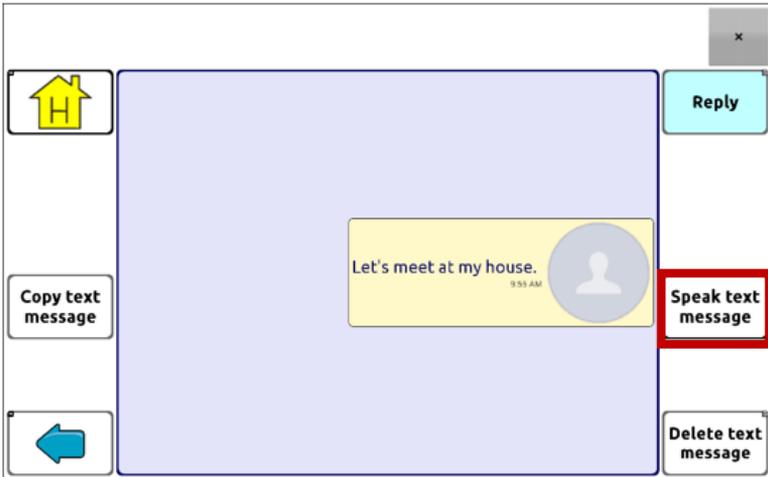
Speaking a Text Message

You can speak any text message in a conversation.

1. From the list of messages for a contact, select the message you want to speak.



2. When you select the message, the text message details page is displayed with additional buttons.

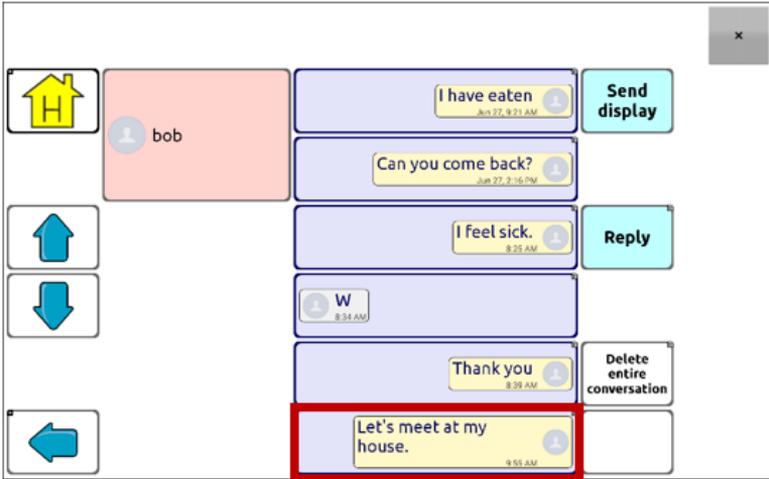


3. Choose **Speak Text Message**.

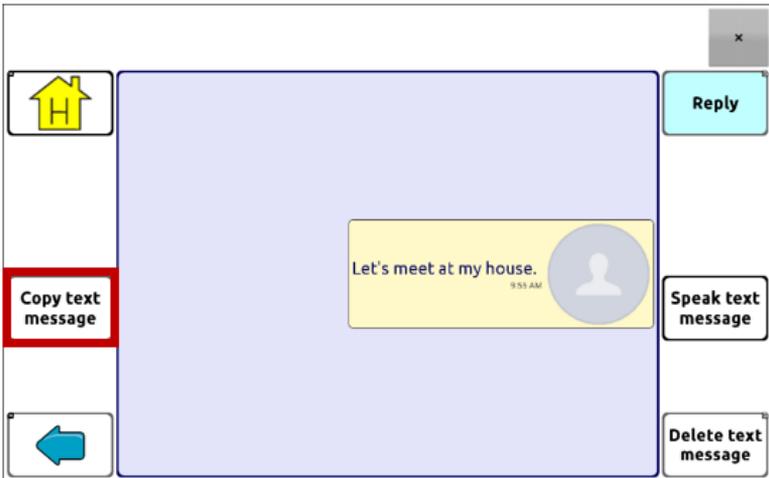
Copying a Text Message

You can copy a text message and paste it into a text message you want to send to someone else.

1. From the list of messages for a contact, select the message you want to copy.

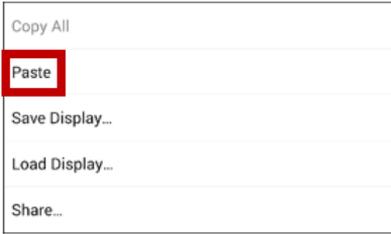


2. When you select the message, the text message details page is displayed with additional buttons.



3. Tap Copy text message.
4. Move to the contact you want to send the message to.

5. Press and hold on the SDB. A menu will open.



6. Choose **Paste**. The copied message will be copied to the SDB.

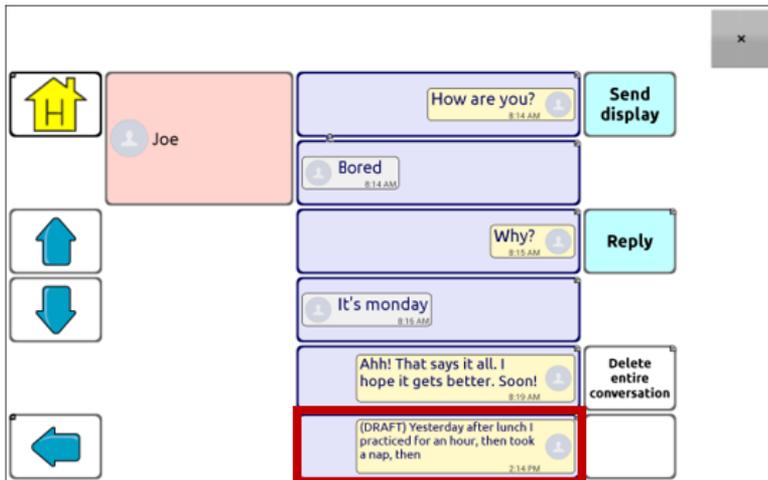
7. Tap **Send Display**.

Creating a Draft Message (to finish later)

If you start a text message and are interrupted or don't have time to finish it, you can create a draft to save the text you entered. For example:



To save this text, press **Back** (↩, ⬅, or ◀) several times. A pop-up note, "Message saved as draft", will appear briefly near the bottom of the display, and your in-progress message will be preceded by "(DRAFT)".



To finish the message later, select the draft, add the remaining text, and choose **Send**.

The Role of Conversations when Creating a Message

You can be in a conversation before creating a text message. For example, if you have text in the SDB that you decide you want to text to someone, you can go to Texting and *choose an existing conversation*, and then choose **Send Display**.

However, you *cannot* go to Texting, choose **New Message**, choose a contact, and then choose **Send Display**.

If you don't have a conversation with someone currently and need to use **New Message**, you can only create a message after the contact has been selected.

Deleting Conversations and Messages

Important! Deleting a conversation permanently deletes all messages to or from the contact. If you want to retain the conversation, delete an individual message from the conversation using Delete Message.

To delete a conversation (all messages to and from a contact):

1. Select the conversation.
2. Select **Delete Entire Conversation**.
3. Are you sure you wish to delete this entire conversation containing ... messages? Choose **Yes**.

To delete one or more individual messages:

1. Select the conversation.
2. Select the message you want to delete.
3. Select **Delete Text Message**.
4. Repeat steps 2 and 3 for each message you want to delete.

Note: To delete a contact, use your phone.

Using the Back icon with Texting

The Back icon (, , or ) has two handy uses when you're working with text messages.

If you start a text message and are interrupted or don't have time to finish it:

You can create a draft to save the text you entered. Press **Back** several times until a popup note "Message saved as draft" appears briefly near the bottom of the display. Your in-progress message will be preceded by "(DRAFT)", allowing you to finish the message later.

If you chose the wrong contact, or don't want to send a message for any other reason:

Press **Back** (, , or ) several times until the "Enter the text" prompt disappears from the SDB.

Viewing Notifications

Note: To make sure you see notifications, choose **Menu > Settings > Input**. In the Speech Display Bar section, verify that **Enable Notification Bar** is selected.

Notifications appear in the notifications area of the SDB. For example:



Icon	Indication
	You have one unread text message. Tap the icon. The message will appear at the bottom of the sender's list of messages.
	You have multiple unread text messages. Tap the icon. The messages will appear at the bottom of the sender's list of messages.
	Your phone is not connected to the device. If you tap the icon, you'll see a small popup note: "The phone is not connected." When you connect the phone, the icon will disappear.
	The version of ChatSMS installed on the connected phone is incompatible with the version of Chat software installed on your device and should be updated. <i>or</i> The version of Chat software installed on your device is incompatible with the version of ChatSMS installed on the connected phone and should be updated.
	ChatSMS is not set as the default SMS app on the connected phone. You can still send and receive messages, but texting functionality will be limited. For example, you won't receive new message notifications, messages won't be marked as read, and you won't be able to delete messages.



Advanced Texting Setup

If you want to modify the appearance and operation of the texting pages, you can edit buttons and select different actions just as you can on any vocabulary page.

Texting Actions

Action	Description
Done	Functions only when Send or Create Contact is displayed in the SDB. Done provides an alternative button that may be easier for the user to access than the Send or Create Contact buttons.
Texting - Add Number as Contact	Adds a new contact from a received text message.
Texting - Compose Message	Creates a message to text to one of your contacts. This action is used on the Reply button. When you choose Reply , the action takes you to Home, with the “Enter the text to send” prompt and Send button in the SDB. If you want this action to take you to a different page—a keyboard, for example—add a “Navigate to” action.
Texting - Contact	Displays the name and phone number of the current contact. This action is used in conjunction with the Texting Compose Message action.
Texting - Conversation Participants	Displays all the participants in a conversation.
Texting - Copy Text Message	Copies the selected text message to paste into a text message you want to send to someone else.
Texting - Delete Conversation	Deletes the selected conversation.

Action	Description
	<p><i>Note:</i> If you add this action, be sure to also add the Texting Navigate to Conversations action after it.</p>
Texting - Delete Text Message	Deletes the selected text message.
Texting - Message Details	<p>Displays the text, date, and time for the selected text message.</p> <p><i>Note:</i> This action displays the date only if the message is older than one day.</p>
Texting - Navigate to Contacts	Navigates to your list of contacts.
Texting - Navigate to Conversations	Navigates to your list of conversations.
Texting - Navigate to Message Details	<p>Navigates to the text message details page, which displays the text, date, and time of the selected message.</p> <p><i>Note:</i> This action displays the date only if the message is older than one day.</p>
Texting - Navigate to Messages	Navigates to your list of messages for a contact.
Texting - Page Down	Pages down through a list of messages or a list of contacts when there are too many to fit on the screen at a time.
Texting - Page Up	Pages up through a list of messages or a list of contacts when there are too many to fit on the screen at a time.
Texting - Send SDB	Sends the current contents of the Speech Display Bar as a text message and clear the SDB. The list of messages for the contact is then displayed with the new message at the bottom of the list.

Action	Description
Texting - Speak Text Message	Speaks the currently selected text message.

Adding a Webhook Event to a Button

Do you know about webhooks and would you like to use them with your device? Here's how the Chat software supports them. *Please note that this section requires a basic understanding of webhooks and programming skills.*

Important! You must be connected to Wi-Fi to use webhooks.

Terms Used in This Section

Term	Meaning
webhook	A webhook is an event that triggers an action.
webhook service/provider	A webhook service is a web application for retrieving and storing data from a certain event.
webhook event	<p>A webhook event is a web request via a URL that can contain additional information needed by the webhook service/provider.</p> <p>There are two parts to a webhook event: (1) the URL and (2) the payload in JSON format. The event is the piece that the Chat software sends.</p> <p><i>Event example:</i> Create a document</p>
URL	A URL is a website address. For webhooks, a URL is the address sent to trigger an event. Webhooks use the http protocol to communicate with the webhook service/provider.

Term	Meaning
<p>payload</p>	<p>Additional instructions can be sent with the URL to perform the event. These additional instructions are referred to as a payload.</p> <p><i>Note:</i> Not all events need a payload.</p> <p><i>Payload examples:</i> Add content to your document (see “webhook event” above); format the content</p> <p>The webhook service/provider defines the payload. Here's what a small portion of a payload looks like when it's delivered to a webhook service:</p> <pre data-bbox="414 581 893 760"> { "event_id": "LtWXD3crgy", "event_type": "form_response", "form_response": { "form_id": "IT4Z3j", "token": "a3a12ec67a1365927098a606107fac15", "submitted_at": "2018-01-18T18:17:02Z", </pre>
<p>JSON</p>	<p>Webhooks must deliver responses (payloads) in JSON format, a language used by programmers. The Chat software provides an interface for these responses. The example under “payload” above is in JSON format.</p>
<p>placeholder</p>	<p>To simplify creating payloads, the Chat software provides two placeholders: (1) The content of the Speech Display Bar and (2) The button message (shown in the Message box, not the Label box).</p> <p>Placeholders must appear in these formats: <code>#{SDB}</code> and <code>#{MESSAGE}</code></p> <p>The placeholders are not required. You can use either, both, or neither.</p>

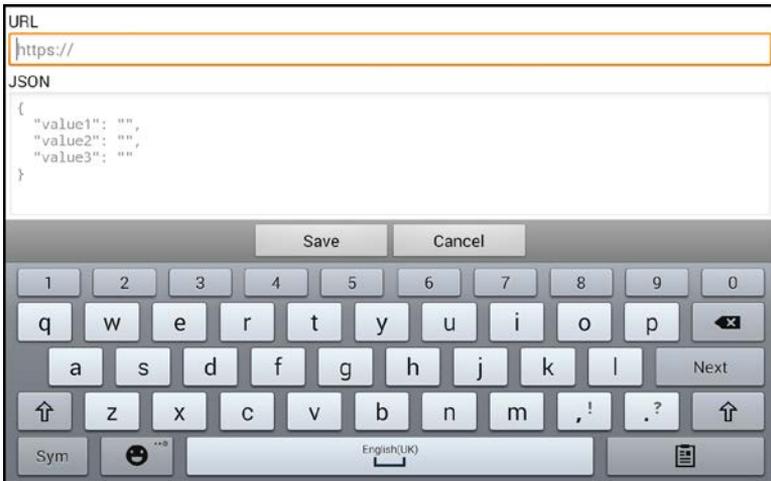
Adding a Webhook Event

You can create as many webhook buttons as you want, but you can only specify one URL for each button.

Examples of webhook events: send the latest weather report to your device; trigger a payment; send an alert when something happens; turn on a light; open a door; set a thermostat; operate a smart home device

Note: You can simplify programming webhooks by using Chat Editor, especially copying and pasting URLs and entering data in JSON format.

1. Choose **Menu > Edit Mode**.
2. Press and hold the button to which you want to add the webhook event.
3. Choose **Edit Button**.
4. Add a label and/or a message and image [standard language]
5. Select the **Actions** tab.
6. Tap or click the list arrow  to open a list of actions.
7. Select **Webhook**. A keyboard with a URL prompt opens.



8. Enter the URL. This can be copied from the webhook service/provider site.
9. If your event requires a payload, tap below JSON and enter the data in JSON format that you want to send from the button.

Note: Chat software provides two placeholders: (1) The content of the Speech Display Bar and (2) The message [in the Message box]

contained on the button. The placeholders must appear as follows:
\${SDB} and \${MESSAGE}

10. Choose **Save**.
11. Make sure you have an active Wi-Fi connection and choose the button you created.

Viewing Webhook Examples

For examples of how to use webhooks, go to the Saltillo website and view the articles listed below.

Webhook Example - Sending an Email

<https://saltillo.com/support/article/webhook-example-sending-an-email-5>

Webhook Example – Creating a Google Document

<https://saltillo.com/support/article/webhook-example-creating-a-google-document-5>

Troubleshooting

The device no longer produces sound

Airplane Mode may be turned on or sound may be turned off.

To make sure Airplane Mode is turned off, press and hold the device's power button. If Airplane Mode shows "Airplane mode is ON", tap **Airplane Mode** to turn it off.

To make sure sound is turned on, press and hold the device's power button. If Silent Mode shows "Sound is OFF", tap **Silent Mode** to turn sound on.

Can't find the Library menu

If the Library menu is not displayed, exit Edit Mode.

Resetting the device

Try a soft reset by cycling power with the device's power button. A hard reset is **not** recommended.

No Speech

Check the volume control on the edge of device. If that is not the problem, choose **Menu > Settings > Speech Output** and make sure Speech Off is not checked.

No speech and messages are not going to the Speech Display Bar

This can be caused if a dwell time has been added. To check the timing, choose **Menu > Settings > Input > Timing** and check to see if an Acceptance or Release time has been set.

The device is in the charge pad, but the battery is not charging

Verify that the charge pad is plugged into an electrical outlet or surge protector. If you are using a surge protector, make sure it is turned on.

Verify that the charge pad's right LED is glowing blue. If the left LED is glowing amber, the charger is plugged in, but the device is not positioned correctly in the charger. Adjust the position of the device in the charger until the right LED turns blue.

Texting conversations page doesn't show any conversations

Make sure the setting "Use with Phone" is turn on. On the device, choose **Menu > Settings > System > Bluetooth settings**. Make sure that **Use with Phone** is selected.

Icons show up in the SDB. What do they mean?

Icon	Indication
	Your phone is not connected to the device. If you tap the icon, you'll see a small popup note: "The phone is not connected." When you connect the phone, the icon will disappear.
	The version of ChatSMS installed on the connected phone is incompatible with the version of Chat software installed on your device and should be updated. <i>or</i> The version of Chat software installed on your device is incompatible with the version of ChatSMS installed on the connected phone and should be updated.
	ChatSMS is not set as the default SMS app on the connected phone. You can still send and receive messages, but texting functionality will be limited. For example, you won't receive new message notifications, messages won't be marked as read, and you won't be able to delete messages.

An error message is displayed while doing Chat software updates

Find the message in the table below and follow the instructions provided. If the problem persists, contact Saltillo customer support. Support contact information is available under [Welcome to Chat Fusion](#) on page 13.

Message	What to do
An intermediate operation failed. Please try again later	Try the operation again. If this message appears again, contact Saltillo customer support.
An unknown error has occurred. Please try again later.	Try the operation again. If this message appears again, contact Saltillo customer support.
No software found that can be updated.	Try the update again. If this message appears again, contact Saltillo customer support.
The installed software is erroneous. Please contact customer support.	The software did not install properly. Contact Saltillo customer support.
The repository configuration has errors. Please contact customer support.	There is a problem on the update server. Contact Saltillo customer support.
The update encountered an error from which it cannot recover. Please contact customer support.	During the update process, a temporary file that was needed to finish the update was deleted. Contact Saltillo customer support. As an alternative, go to Home > Settings and choose Clear Data under Update Manager. Then run the update again.
The update manifest is invalid. Please contact customer support	There is a problem on the update server. Contact Saltillo customer support.
The update was canceled	You may have tapped Cancel instead of Install on one of the update files. Try to install the update again.

Message	What to do
<p>There is not enough space to complete the update.</p>	<p>Try an update via Wi-Fi connection or try deleting pictures, apps, and/or videos.</p>
<p>Unable to download update. Please check your network connection.</p>	<p>Airplane Mode may be turned on; Wi-Fi may be turned off or your Wi-Fi connection may not be set up; or some other problem is blocking network access.</p> <p>First, verify that Airplane Mode is turned off. Press and hold the device's power button. If Airplane Mode shows "Airplane mode is ON", tap Airplane Mode to turn it off.</p> <p>Be sure that you have a Wi-Fi connection and that it has a strong signal. Go to Home > Settings > Wi-Fi and ensure a good connection is made to your network.</p> <p>If you still don't have a connection, contact Saltillo customer support.</p>
<p>Unable to download update. Please register your software.</p>	<p>Your license is missing. Go to Menu > Help > About and note the Device ID. Then call Saltillo customer support and provide the device ID. Customer support will help you register the software again.</p> <p>If you already have your registration number, go to Menu > Help > Registration and enter the number.</p>
<p>Unable to download update. The active network is not permitted. Please check your update settings</p>	<p>Go to Menu > Help > Check for Updates > Menu and turn on Allow WiFi Download and Auto Install.</p>

Message	What to do
<p>Your device ID cannot be determined. Please turn off airplane mode and try again.</p>	<p>Turn off Airplane Mode, reregister your software, and try the update again.</p> <p>To turn off Airplane Mode, press and hold the device's power button. "Airplane mode is ON" will be displayed. Tap Airplane Mode to turn it off.</p> <p>To reregister your software, go to Menu > Help > About and note the Device ID. Then call Saltillo customer support and provide the device ID. Customer support will help you register the software again.</p> <p>If you already have your registration number, go to Menu > Help > Registration and enter the number.</p>
<p>Your software is more current than the provided update. Please check the update file and try again.</p>	<p>Get the appropriate update and delete the old update from the Update folder.</p>
<p>Your software is up-to-date.</p>	<p>There is no need to run an update.</p>

Care and Maintenance

Your device is intended for use in normal communication situations. It is not waterproof, so use extreme caution when using it around water. As with most electronic devices, you should *never* use the device when you are actually in the water (for example, a pool or bath).

For information on cleaning and disinfecting your device, see [Cleaning and Disinfecting Your Device](#) on page 47.

When charging the device, use only the AC charger that came with the device. The batteries for the device are not field replaceable, and the system will need to be returned to PRC-Salttillo (USA) for servicing.

Replacement and repair of any electronic components of your device should only be done by qualified service personnel. Please call 1-800-382-8622 or email service@salttillo.com to obtain a Return Authorization prior to sending any component to PRC-Salttillo.

Shipping address (USA customers):

PRC-Salttillo
Attn: (Insert RA # here)
1022 Heyl Road
Wooster, OH 44691

Non-USA customers: Contact your local distributor for repair details.

If you discard all or part of your device, dispose of all electronic components according to local regulations.

Customers in Europe need to follow the WEEE European Battery Directive for details regarding disposal of components.

Warranty: Open System Devices

PRC-Salttillo warrants the Chat Fusion device to be free from defect in material and workmanship under normal use for the device warranty period of one year from date of purchase.

Please contact the Saltillo Service department (1-800-382-8622, option 1) prior to making alterations to the Chat Fusion device for mounting, transportation, etc.

All warranty service should be arranged through PRC-Salttillo prior to sending a system back. Please call the company at 1-800-382-8622, option 1, or email at service@salttillo.com to obtain a Return Authorization number prior to sending the system to PRC-Salttillo.

If replacement is necessary, the replacement device may be a new or re-conditioned device of equal value.

Note: PRC-Salttillo considers bending of the unit, submerging it into liquid of any kind, or any breaks and/or cracks in the LCD screen to be misuse. However, will cover one such incident per warranty year.

Shipping address (USA customers):

PRC-Salttillo
Attn: (Insert RA # here)
1022 Heyl Road
Wooster, OH 44691

Non-USA customers: Contact your local distributor for repair details.

Warranty: Dedicated Devices

PRC-Salttillo warrants the Chat Fusion device to be free from defect in material and workmanship under normal use for the dedicated device warranty period of three years from date of purchase.

Please contact the Saltillo Service department (1-800-382-8622, option 1) prior to making alterations to the Chat Fusion device for mounting, transportation, etc.

All warranty service should be arranged through PRC-Salttillo prior to sending a system back. Please call the company at 1-800-382-8622, option 1, or email at service@salttillo.com to obtain a Return Authorization number prior to sending the system to PRC-Salttillo.

If replacement is necessary, the replacement device may be a new or re-conditioned device of equal value.

Note: PRC-Salttillo considers bending of the unit, submerging it into liquid of any kind, or any breaks and/or cracks in the LCD screen to be misuse. However, will cover one such incident per warranty year.

Shipping address (USA customers):

PRC-Salttillo
Attn: (Insert RA # here)
1022 Heyl Road
Wooster, OH 44691

Non-USA customers: Contact your local distributor for repair details.

Appendix A: Advanced Grammar Features

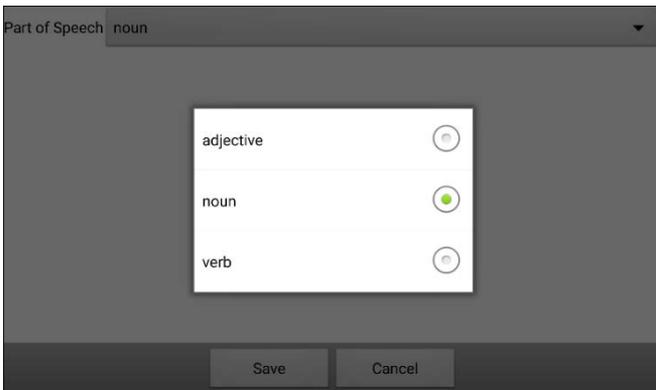
The features explained in this appendix are intended for persons with extensive knowledge of grammar. The functionality described here was intended to support pre-morphing. The current Grammar Actions are still intended as a good solution for post-morphing. For languages such as German, pre-morphing is much more important.

These features are also more beneficial with certain vocabularies. For example, WordPower vocabularies already provide buttons for adding endings to words (for example, an -est button for adjectives).

Setting up grammar actions involves identifying words as a part of speech and setting up a button to apply a grammar rule applicable to that part of speech. In this appendix, we're going to identify two buttons, "video game" and "computer game", as nouns and then create a button that will pluralize nouns.

Identifying Parts of Speech

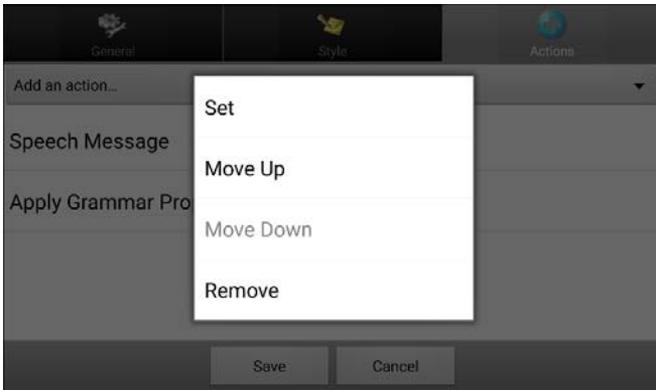
1. Navigate to a page of "things" (nouns).
2. Choose **Menu > Edit Mode**.
3. Press and hold a "thing" button (for example, video game), choose **Edit Button**, and choose the **Actions** tab.
4. Tap the "Add an action" list box arrow to open the list of actions.
5. Select **Apply Grammar Property**. The Part of Speech window will open.
6. Tap the "Part of Speech" list box arrow. A menu will list adjective, noun, and verb options.



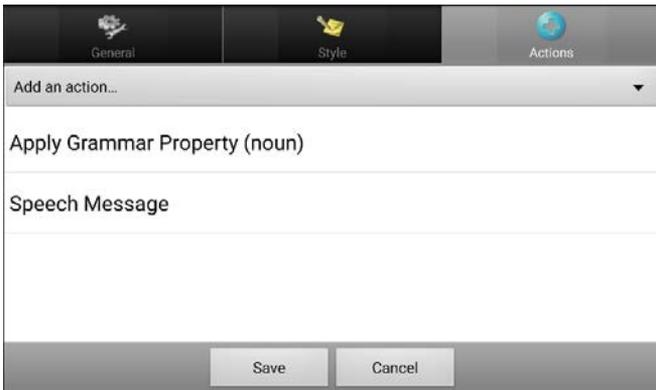
7. Select the applicable part of speech. In this example, **noun** was selected.
8. Choose **Save**. In this example Apply Grammar Property (noun), will appear at the bottom of the list of actions defined for the button.

Important! The grammar property must appear first in the list of actions. You'll need to move it to the top of the list.

9. Tap **Apply Grammar Property (noun)**. A menu will open.



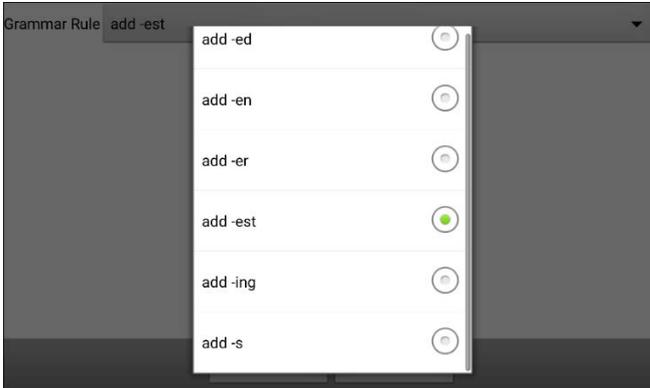
10. Choose **Move Up**. In this example, Apply Grammar Property (noun) will move up to the top of the list of actions.



11. Choose **Save**.
12. Repeat steps 3 through 11 for the remaining “thing” buttons on the page. In this example, you would repeat the steps for the “video game” button.

Creating a Grammar Rule Button

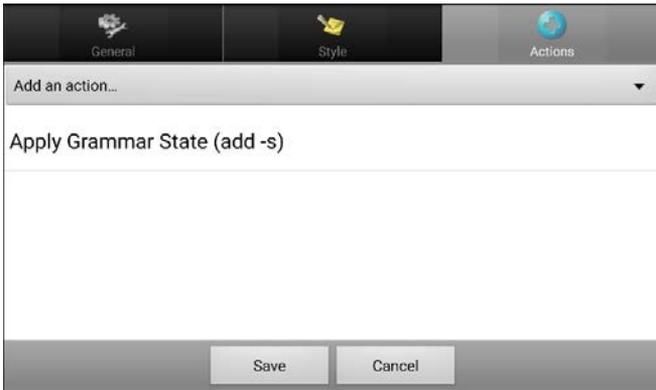
1. Press and hold the button you want to set up as a pluralize button, choose **Edit Button**, enter a label for the button (for example “-s”), and choose the **Actions** tab.
2. Tap the “Add an action” list box arrow to open the list of actions.
3. Select **Apply Grammar State**. The Grammar Rule window will open.
4. Tap the “Grammar Rule” list box arrow. A list of options will be displayed.



These options perform as follows:

Option	Application
add -ed	verb simple past tense
add -en	verb past perfect participle
add -er	adjective comparative
add -est	adjective superlative
add -ing	verb present participle/gerund
add -s	noun plural

5. Select the applicable option. In this example, **add -s** was selected.
6. Choose **Save**. In this example, Apply Grammar State (add -s) will appear in the list of actions defined for the button.
7. Remove any other actions that were already on the list.



8. Choose **Save**. In this example, a button labeled “-s” is now available to pluralize all words identified as nouns.



Using Dynamic Grammar Labels

The setting Dynamic Grammar Labels displays on button labels the changes that will be made to words when grammar rules are applied.

Important! If you are working with a person learning language, it is best not to turn on Dynamic Labels. The grammar features can create invalid words that will show up with dynamic labeling turned on.

If you are working with a literate adult, you may be able to take advantage of the benefits of dynamic labels.

To turn on dynamic labels, choose **Menu > Settings > Text > Dynamic Grammar Labels**.

Example: Dynamic Grammar Labels turned off:

When the “-s” grammar rule key is chosen, “video game” and “computer game” remain unchanged even though either word will be pluralized when selected.



Example: Dynamic Grammar Labels turned on:

When the “-s” grammar rule key is chosen, “video game” and “computer game” change to “video games” and “computer games”, showing how either word will change when selected.



Using Your Grammar Rule Button

Place the grammar rule button on a page of applicable items. For example, place a pluralize button on a page of things (nouns). If you tap your pluralize button and then choose a thing, you will need to tap the pluralize button again before pluralizing another thing.

1. In the Speech Display Bar (SDB), enter the words you want to speak **up to** the game you want to pluralize. In this example, “I want to play” was entered.



2. Tap your “-s” button.

If Dynamic Grammar Labels is turned off: There will be no change to the button labels.

If Dynamic Grammar Labels is turned on: The letter “s” will be added to the “video game” and “computer game” labels.



3. Choose the game button you want. In this example, “computer game” was chosen. Whether dynamic Grammar Labels is turned on or off, the SDB will display “I want to play computer games”.



Clearing a Grammar Rule

You may find it useful to create a Clear Grammar State button.

If you tap the pluralize button and decide you don't want to pluralize a word on the current page, you can move to another page of things, select a noun from that page, and that noun will be pluralized.

If, however, you tap the pluralize button and decide you don't want to pluralize any word, the software will pluralize the next noun you select unless you clear the pluralize state. In this case, after you tapped the pluralize button and then changed your mind, you would navigate to your Clear Grammar State button and tap it. From that point forward, nouns won't be pluralized until you tap your pluralize button.

To create a button for clearing the current grammar state:

Go to the button you want to use, and in Edit Mode give the button a label, select the **Actions** tab, select the action **Clear Grammar State**, and choose **Save**. This button will now clear any grammar state that has been activated.

Appendix B: Safety and Compliance Information

Electronic Interference Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning! Changes or modifications to this device not expressly approved by PRC-Saltillo could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure and SAR Statements

The Chat Fusion device has been tested for body-worn Specific Absorption Rate (SAR) compliance. The radio module has been evaluated under FCC Bulletin OET 65C (01-01) and found to be compliant to the requirements as set forth in CFR 47 Sections 2.1093 and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. This model meets the applicable government requirements for exposure to radio frequency waves. The SAR limit set by the FCC is 1.6 W/kg.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe B respect toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Warnings

- This device is not intended to be an emergency call device or sole communication aid.
- Do not attempt to service or maintain the device while it is in use. Disconnect the charger and turn off the device before cleaning or disinfecting the device.
- When operating this device in a medical environment, do not use with any product that is not medically approved. Follow all rules for appropriate wireless device use.
- Do not use accessories, detachable parts, or materials not described in this user's guide.
- Do not use accessories, detachable parts, or materials in any other way than described in this user's guide.
- Do not use this device close to sources of RF radiation or you may encounter interference. Move away, if possible, from the source of the interference.
- Any mounts used should be fitted by a qualified person. Failure to install the mounting system according to the manufacturer's instructions may result in an injury to the user. Be certain that the user's view is not obstructed by the mounting.
- Analysis of positioning by a qualified person is required to prevent repetitive stress injuries to the user.
- Consult your vision care provider about device positioning considerations for the user.
- Cords, cables, and straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with device users.
- Small parts could present a choking or other hazard.
- If the stand is removed, it becomes a potential hazard for choking or for poking the eye. Store it in a safe location.
- The USB flash drive could be a choking hazard. Store it in a safe location when not in use.
- Excessive volume or sound pressure level when using earphones or headphones can cause hearing loss over extended periods of time.

- Use your device and phone safely while texting. Do not text while performing another task or activity. See the phone manufacturer's manual for safe mounting and placement.
- Do not use the device if the screen is cracked or broken.
- Do not remove the touchscreen overlay from the device. The overlay protects the device user from any glass shards in case of screen breakage.
- Amplifier batteries and tablet batteries are not replaceable by the customer.
- Locate the device in a safe location while charging.
- To avoid electric shock and damage to your device, do not charge the device while it is wet or in an area where it could get wet. Do not handle the device, charger, or cords with wet hands.
- Your device is intended for use in normal communication situations. It is not waterproof, so use extreme caution when using it around water. As with most electronic devices, you should *never* use the device when you are actually in the water (for example, a pool or bath).
- PRC-Salttillo assumes no responsibility for any loss or claims by third parties which may arise through the use of this product.
- PRC-Salttillo assumes no responsibility for any damage or loss caused by the deletion of data as a result of malfunction repairs or battery replacement. Be sure to back up all important data on other media (computer) to protect against its loss.

Wireless Communications Equipment

Wireless communications equipment such as wireless home network devices, mobile phones, cordless telephones and their base stations, and walkie-talkies can affect this device and should be kept a least six (6) inches away from the device.

Implantable Medical Devices

A minimum of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker, implantable cardioverter defibrillator, vagus nerve stimulator, shunt, or stent, to avoid potential magnetic interference with the device. Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device;
- Should not carry the mobile device in a breast pocket;

- Should move the mobile device away from themselves immediately if there is any reason to suspect that it is interfering with the implantable medical device;
- Should read and follow the directions from the manufacturer of the implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, *consult your health care provider.*

Explanation of Symbols



The device is Federal Communications Commission (FCC)-compliant.



Recycle electronic equipment. Do not throw the device in the trash.



The device conforms to European Union health, safety, and environmental standards.



The entire device, excluding the adapter, is a type BF applied part. “Applied part” refers to the part of the device with which the user comes into physical contact when using it for its intended function.



The device emits generally elevated, potentially hazardous, levels of non-ionizing electromagnetic radiation.



Attention! Read all warnings and precautions in the instruction manual.



Follow instructions for use. Refer to the instruction manual.

Power Adapters

The following power adapters are compatible with Chat Fusion 8 devices, Chat Fusion 8 charge pads, and Chat Fusion 10 charge pads:

EMMA120250-P5P-IC

FJ-SW3681203000N/S

MPT451UL-120300B

Environmental Intended Use and Storage Conditions

Intended Use: 32° to 113°F *or* 0° to 45°C

Storage: -4° to 122°F *or* -20° to 50°C

Relative humidity: 10% to 90%

Index

4

4-Basic (vocabulary file) 63

A

Abbreviations 192

Acapela Vocal Smileys 121

Access

Blocking access to application settings on a dedicated device 197

Blocking access to application settings on an open system Chat Fusion 10 195

Blocking access to application settings on an open system Chat Fusion 8 193

Restoring access to all settings on an open system Chat Fusion 10 197

Restoring access to application and system settings on an open system Chat Fusion 8 194

Restricting access on a dedicated device 197

Restricting access on an open system Chat Fusion 10 195

Restricting access on an open system Chat Fusion 8 193

Accessibility

Activating buttons on touch or release 123

Configuring pop-up speech to develop literacy skills 126

Options 123

Preventing double selection of button 124

Setting button activation time 123

Setting up a button beep 124

Setting up a button visual indication 124

Accessories 14

Actions

Adding or modifying button actions 87

Advanced grammar features 267

Apply Grammar Property 267

Apply Grammar State 269

Clear Grammar State 274

Clearing grammar rules 274

List of available button actions 88

Using your grammar rule button 272

Activation delay 141

Airplane Mode

Turning off 33

Turning on 33

Turning on and off 259

Analyzing data manually 208

Animated text

Configuring pop-up speech to develop literacy skills 126

Application

Blocking access to application settings on an open system Chat Fusion 10 195

Blocking access to application settings on an open system Chat Fusion 8 193

Blocking access to settings 197

Menus 53

Opening/closing 50

Restoring access to application settings on an open system Chat Fusion 10 195

- Restoring access to application settings on an open system Chat Fusion 8 193

- Using the screen 50

Apps

- Adding shortcuts to apps 49

- Removing downloads 232

- Audible feedback 202

- Auditory prompts

- Setting 142

- Using device speaker 142

- Using headphones 142

- Auditory Prompts

- Setting volume 143

- Auto restart scanning 142

- Automatic capitalization 192

- Automatic uploads 208

- Averaging

- Headpointing 176

- Averaging Details

- Headpointing 176

B

- Back icon 22

- Using the Back icon with texting 251

- Backing up a library of vocabulary files to the same device 229

- Backing up specified vocabulary files to a USB flash drive 222

- Backing up vocabulary files 221

- Basic Scan 64

- Battery

- Charging 30

- Charging the Chat Fusion 10 battery 26

- Charging the Chat Fusion 8 battery 23

- Charging the Chat Fusion battery 23

- Charging using the standard charger 29

- Status 30

- Troubleshooting 259

- Bluetooth

- Connecting device to phone via Bluetooth for texting 235

- Setting up a Bluetooth keyboard 131

- Button sequences

- Capturing in Chat Editor 71

- Button sets

- Adding and removing 97

- Copying and pasting 97

- Modifying 97

- Buttons

- Activating buttons on touch or release 123

- Adding a webhook event 255

- Adding Acapela Vocal Smileys 121

- Adding or modifying actions 87

- Changing label/message 74

- Configuring pop-up speech to develop literacy skills 126

- Copying and pasting 95

- Creating and using a camera button 217

- Evaluating an individual's ability to select buttons 54

- Hiding 80, 81

- Hiding multiple buttons 81

- Hiding or showing button images 82

- List of available actions 88

- Modifiers 86

- Modifying color saturation 84

- Modifying styles 83

- Moving images to and from device 80
- Overriding a page button style 85
- Overriding a specific button's style 85
- Overriding a vocabulary button style 84
- Preventing double selection 124
- Prioritizing 96
- Rearranging 96
- Resizing 96
- Setting activation time 123
- Setting auditory prompts 143
- Setting up a beep 124
- Setting up a visual indication 124
- Working with button sets 97

C

Camera

- Taking pictures 216

Camera button

- Creating and using 217

Capitalization

- Automatic 192

Charge pad

- Chat Fusion 10 26

- Chat Fusion 8 23

Charger

- Standard 29

Charging the Chat Fusion 10 battery 26

Charging the Chat Fusion 8 battery 23

Charging the Chat Fusion battery 23

Charging the device battery 259

Charging the device battery using the standard charger 29

Chat Editor

Capturing button sequences 71

Configuring 68

Differences from device 70

Enabling speech 69

Opening 69

Overview 67

Transferring vocabulary files between device and editor 227

Using vocabulary files with 69

Chat Fusion

Package contents 14

ChatPoint 155

Advanced settings 168

Attaching a strap 45, 157

Averaging 176

Averaging Details 176

Cleaning the unit 177

Clicker-Picker dwell method 172

Dwell method 170

Dwell time 160

Horizontal adjustment 161

Manual switch activation 175

Mounting 155

Normal dwell method 171

Pointer visual effects 163

Popup menus 166

Positioning the unit 177

Positioning the user 176

Rest area 167

Secondary dwell time 175

Settings 158

Sir Dragalot dwell method 173

Smoothing 169

Target dots 160

Tick-Talk dwell method 174

- Tracking status 157
- Turning headpointing on/off 160
- Vertical adjustment 161
- ChatSMS
 - Installing on phone 234
- Cleaning and disinfecting
 - Cleaning the ChatPoint unit 177
 - Routine 47
 - Use by multiple clients 47
- Clicker-Picker dwell method
 - Headpointing 172
- Closing the application 50
- Communication Journey Aphasia 64
- Controlling volume 34
- Copying
 - Copying vocabulary files from device to Editor 228
 - Copying vocabulary files from Editor to device 228
- Copying a text message 247
- Copying and pasting buttons 95
- Customer support 13
 - Realize Language 203, 212
- Customizing
 - Creating a custom scan pattern 150
 - Creating a customized vocabulary file 73
 - Creating custom scan patterns 145
 - Deleting a custom scan pattern from all pages 154
 - Deleting a custom scan pattern from one page 153
 - Using Scan Editor 145, 150
- Customizing a scan pattern 150

D

- Data logging
 - Changing privacy password 211
 - Clearing a data log 210
 - Creating a privacy password 204, 213
 - Managing Realize Language account 208
 - Overview of data logging 203
 - Overview—dedicated devices 212
 - Removing privacy password 211
 - Saving data to a file 208, 214
 - Selecting a person 207
 - Turning on data logging 204
 - Uploading data 205
- Data Logging
 - Turning on data logging 213
- Data uploads
 - Automatic 208
 - Configuring 205
 - Immediate 208
- Deleting a custom scan pattern from all pages 154
- Deleting a custom scan pattern from one page 153
- Device
 - Changing orientation 127
 - Charging 30
 - Charging the battery using the standard charger 29
 - Charging the Chat Fusion 10 battery 26
 - Charging the Chat Fusion 8 battery 23
 - Charging the Chat Fusion battery 23
 - Chat Fusion 10 features 19
 - Chat Fusion 8 features 15

- Controlling volume 34
- Customer support 13
- Differences from Chat Editor 70
- Moving images to and from 80
- Package contents 14
- Turning on/off 32
- Device Frame
 - Removing or Replacing 38
- Disinfecting device
 - Routine 47
 - Use by multiple clients 47
- Display
 - Adjusting brightness 200
 - Adjusting horizontal calibration 200
 - Adjusting screen timeout 200
 - Changing settings 200
- Downloads
 - Removing 232
- Draft text message
 - Creating a draft message 249
- Dwell methods
 - Headpointing 170
- Dwell time
 - Headpointing 160
 - Secondary dwell time in headpointing 175
- Dynamic text
 - Configuring pop-up speech to develop literacy skills 126

E

- Earphones
 - Setting volume 143
- Edit Mode
 - Turning on/off 72
- Editor

- Transferring vocabulary files
 - between device and editor 227
- Emoticons
 - Adding Acapela Vocal Smileys 121
- Evaluating an individual
 - Using the Explore Access tool 54
- Explore Access
 - Evaluating an individual's ability to select buttons 54
- Exporting
 - Backing up and restoring specified vocabulary files to a USB flash drive 222

F

- Feedback
 - Adding audible feedback 202
- Files
 - Removing downloads 232
- Flash drive
 - Backing up and restoring specified vocabulary files to a USB flash drive 222
- Frame
 - Removing or Replacing 38

G

- Gestures
 - Changing page applicability 117
 - Editing or removing 117
 - For all pages 118
 - For single page 117
 - Overview 117
- Grammar
 - Advanced features 267
 - Apply Grammar Property 267
 - Apply Grammar State 269

- Clear Grammar State 274
- Clearing grammar rules 274
- Dynamic labels 271
- Grammar rules 269
- Parts of speech 267
- Using your grammar rule button 272

Groups and subgroups

- Scanning 146

H

Handle

- Removing 37

Headphones

- Auditory prompts 142

- Setting volume 143

Headpointing 155

- Advanced settings 168

- Averaging 176

- Averaging Details 176

- Cleaning the ChatPoint unit 177

- Clicker-Picker dwell method 172

- Dwell method 170

- Dwell time 160

- Horizontal adjustment 161

- Manual switch activation 175

- Mounting ChatPoint 155

- Normal dwell method 171

- Pointer visual effects 163

- Pop-up menus 166

- Positioning the unit 177

- Positioning the user 176

- Rest area 167

- Secondary dwell time 175

- Settings 158

- Sir Dragalot dwell method 173

- Smoothing 169

- Target dots 160

- Tick-Talk dwell method 174

- Tracking status 157

- Turning on/off 160

- Vertical adjustment 161

- Visual effects 178

Home icon 22

Home page

- Changing your home page 102

- Setting a special page as your home page 104

Home screen

- Adding shortcuts 49

- Status bar 49

- Using 49

Horizontal adjustment

- Headpointing 161

- Refining 162

I

Images

- Moving to and from device 80

Importing

- Backing up and restoring specified vocabulary files to a USB flash drive 222

- Images 79

Instructional materials

- Capturing button sequences 71

- Creating with Chat Editor 71

Intermediate Scan 65

K

Keyboard Page

Using a Different Texting Keyboard
Page 239

Keyboards

Options 116

Setting up a Bluetooth keyboard 131

Kiosk Mode

Hiding access to application and system settings on an open system Chat Fusion 8 194

Hiding access to system settings on an open system Chat Fusion 8 193

Hiding access to the operating system and apps on an open system Chat Fusion 10 195, 196

Restoring access to application and system settings on an open system Chat Fusion 8 194

Restoring access to system settings on an open system Chat Fusion 8 194

Restoring access to the operating system and apps on an open system Chat Fusion 10 196, 197

L

Language

Changing 199

Language development

Overview of language analysis 203

Overview—dedicated devices 212

Learning Word prediction 182

Literacy

Configuring pop-up speech to develop literacy skills 126

M

Maintenance 264

Menu icon 22

Menu Lock

Locking application settings on a dedicated device 197

Locking application settings on an open system Chat Fusion 10 195, 196

Locking application settings on an open system Chat Fusion 8 194

Locking Chat Fusion 8 application settings 193

Unlocking access application and system settings on an open system Chat Fusion 8 194

Unlocking access to all settings on an open system Chat Fusion 10 197

Unlocking application settings on a dedicated device 197

Unlocking application settings on an open system Chat Fusion 10 195

Unlocking application settings on an open system Chat Fusion 8 193

Menus

Headpointing popup menus 166

Locking access to application settings on a dedicated device 197

Locking application settings on a dedicated device 197

Locking application settings on an open system Chat Fusion 10 196

Locking application settings on an open system Chat Fusion 8 194

Locking on an open system Chat Fusion 10 195

Locking on an open system Chat Fusion 8 193

Unlocking 194

Unlocking access to all settings on an open system Chat Fusion 10 197

Unlocking application settings on a dedicated device 197

Unlocking application settings on an open system Chat Fusion 10 195

Unlocking application settings on an open system Chat Fusion 8 193

Using application menus 53

Messages

Configuring pop-up speech to develop literacy skills 126

MultiChat 15 65

myCore (vocabulary file) 66

myQuickChat 66

N

Normal dwell method

Headpointing 171

Notifications

Scanning 140

Viewing texting notifications 252

O

Opening the application 50

Orientation

Changing device orientation 127

Changing settings 127

Orientation tilt with the SDB 128

Setting in Chat Editor 70

P

Package contents 14

Pages

Adding a grid 100

Animating transitions 100

Changing your home page 102

Copying 99

Copying from different vocabulary 100

Create a visual scene page 108

Creating 99

Creating from template 99

Overriding a page button style 85

Overriding a page style 101

Overriding a specific button's style 85

Setting a special page as your home page 104

Setting an imported texting page as a special page 103

Working with special pages 102

Password

Changing privacy password 211

Removing privacy password 211

Photos

Creating and using a camera button 217

Using the device camera 216

Pointer visual effects

Color 164

Headpointing 163

Hiding 165

Opacity 164

Shape 165

Size 165

Popup menus

Headpointing 166

Pop-ups

Configuring pop-up speech to develop literacy skills 126

Positioning the unit

Headpointing 177

Positioning the user

Headpointing 176

Profiles

- Creating 198
- Deleting 199
- Loading 198
- Restoring settings 199

Pronunciation

- Adding Acapela Vocal Smileys 121
- Adding words to dictionary 119

R

Realize Language

- Customer support 203, 212
- Managing your account 208
- Selecting a person 207
- Uploading data 205
- Using the Realize Language website 203
- Using the website 212

Rest area

- Headpointing 167

Restoring a library of vocabulary files to the same device 229

Restoring specified vocabulary files to a USB flash drive 222

Restoring vocabulary files 221

Restricting access

- Restricting access on a dedicated device 197
- Restricting access on an open system Chat Fusion 10 195
- Restricting access on an open system Chat Fusion 8 193

S

Saturation

- Modifying button color saturation 84

Saving data to a file 208, 214

Scan Editor 145

- Creating a custom scan pattern 150
- Deleting a custom scan pattern from all pages 154
- Deleting a custom scan pattern from one page 153
- Scan Editor menu 147

Scanning

- Activation delay 141
- Adding a beep 143
- Auto Restart 142
- Block 136
- Clear button 139
- Creating a custom scan pattern 150
- Creating custom patterns 145
- Deleting a custom scan pattern from all pages 154
- Deleting a custom scan pattern from one page 153
- Empty areas 140
- Flow 137
- Groups and subgroups 146
- Linear scan 133
- Linear scan with a single switch 134
- Linear scan with two switches 134
- Notifications 140
- Options 129
- Rescans 141
- Row/Column 135
- Scan Editor 145, 150
- Scan Editor menu 147
- SDB 139
- Setting auditory prompts 142
- Setting auditory prompts volume 143
- Setting patterns 132
- Setting up a Bluetooth keyboard 131
- Setting up a Bluetooth switches 131

- Switch scanning 129
- Timing 140
- Using the touchscreen 132
- Visual effects 178
- SDB *See* Speech Display Bar
- Secondary dwell time
 - Headpointing 175
- Settings
 - Blocking access to all settings on an open system Chat Fusion 10 196
 - Blocking access to application and system settings on an open system Chat Fusion 8 194
 - Blocking access to application settings on a dedicated device 197
 - Blocking access to application settings on an open system Chat Fusion 10 195
 - Blocking access to application settings on an open system Chat Fusion 8 193
 - Configuring headpointing settings 158
 - Creating profiles 198
 - Headpointing advanced settings 168
 - Restoring access to all settings on an open system Chat Fusion 10 197
 - Restoring access to application and system settings on an open system Chat Fusion 8 194
 - Restoring access to application settings on an open system Chat Fusion 10 195
 - Restoring access to application settings on an open system Chat Fusion 8 193
 - Restoring all default settings 231
 - Restoring default settings 230
 - Restricting access on a dedicated device 197
 - Restricting access on an open system Chat Fusion 10 195
 - Restricting access on an open system Chat Fusion 8 193
- Shortcuts
 - Adding 49
 - Adding shortcuts to apps 49
 - Adding shortcuts to widgets 49
 - Removing 49
- Silent Mode
 - Turning on and off 259
- Sir Dragalot dwell method
 - Headpointing 173
- Smoothing
 - Headpointing 169
- Sound
 - Turning on and off 259
- Speaker
 - Auditory prompts 142
 - Setting volume 143
- Speaking a text message 246
- Special pages
 - Changing your home page 102
 - Setting a special page as your home page 104
 - Using an imported texting page as a special page 103
 - Working with special pages 102
- Speech
 - Adding a delay between words 119
 - Adding Acapela Vocal Smileys 121
 - Configuring pop-up speech to develop literacy skills 126
 - Configuring speech modes 120
 - Overview 118

- Selecting a synthesizer 118
- Selecting a voice 118
- Troubleshooting 259
- Speech Display Bar
 - Adding Acapela Vocal Smileys 121
 - Application screen 50
 - Changing settings 52
 - Changing style options 52
 - Configuring for scanning 139
 - Using 51
- Spelling (vocabulary file) 66
- Stand
 - Adjusting 35
 - Reattaching 36
 - Removing 36
- Static Word prediction 182
- Status bar 49
- Strap
 - Attaching to a ChatPoint mounting bracket 45, 157
 - Attaching with loops 44
 - Attaching with metal rings 43
- Stylus
 - Using with touchscreen 46
- Support
 - Operational or Technical 13
- Switch scanning 129
- Switches
 - Configuring 130
 - Manual switch activation in headpointing 175
 - Options 129
 - Using linear scan with a single switch 134
 - Using linear scan with two switches 134

- Synthesizer
 - Selecting a synthesizer 118

T

- Target dots
 - Headpointing 160
- Technical support 13
- Template
 - Creating page from template 99
- Text
 - Configuring pop-up speech to develop literacy skills 126
- Text options
 - Abbreviations 192
 - Automatic capitalization 192
 - Word prediction 182
- Texting
 - Activating and Deactivating 240
 - Adding a contact from a received message 241
 - Adding texting to a customized vocabulary file 238
 - Advanced setup 253
 - Bluetooth connection 235
 - Composing and sending a message 243
 - Connecting device to phone via Bluetooth 235
 - Copying a message 247
 - Copying the Done button 237
 - Creating a draft message 249
 - Creating contacts 241
 - Deleting conversations and messages 250
 - Increasing the size of the SDB 240
 - Increasing the size of the Send button 240

- Installing ChatSMS on phone 234
- Phone needed with device 233
- Role of conversations 250
- Selecting different actions 253
- Setting an imported texting page as a special page 103
- Speaking a text message 246
- Troubleshooting conversations 260
- Troubleshooting icons in SDB 260
- Using a default vocabulary file 237
- Using a Different Texting Keyboard Page 239
- Using the Back icon 251
- Viewing notifications 252
- Tick-Talk dwell method
 - Headpointing 174
- Tilt
 - Orientation tilt with the SDB 128
- Time and date 201
- Touch access
 - Visual effects 124, 178
- Touchscreen
 - Cleaning 46
 - Disinfecting 46
 - Stylus 46
 - Using 46
 - Using to scan 132
- Tracking Status
 - ChatPoint 157
- Troubleshooting
 - Airplane Mode 259
 - Battery charging 259
 - Error messages 261
 - Silent Mode 259
 - Sound 259
 - Speech 259

- Texting conversations 260
- Texting icons in SDB 260

U

Updates

- Automatic updates 219
- Download from website 219
- Error messages 261

Uploads

- Automatic 208
- Immediate 208

URL

- Adding a webhook event to a button 255

USB flash drive

- Backing up and restoring specified vocabulary files to a USB flash drive 222

V

Vertical adjustment

- Headpointing 161
- Refining 162

Visual effects

- Pointer visual effects 163
- Scanning and headpointing 178
- Touch access 124, 178

Visual scene

- Add a transparent button to a visual scene 110
- Create a linking button 107
- Create a visual scene 106
- Create a visual scene page 108
- Create a visual scene with buttons surrounding the image 115
- Create the scene and then the linking button 114

- Modify a button's actions 113
- VocabPC 66
- Vocabulary files
 - 4-Basic 63
 - Backing up and restoring 221
 - Backing up and restoring specified vocabulary files to a USB flash drive 222
 - Backing up and restoring to the same device 229
- Basic Scan 64
- Choosing 54
- Clearing custom files 230
- Communication Journey Aphasia 64
- Copying from device to Editor 228
- Copying from Editor to device 228
- Creating gestures 118
- Customizing 73
- Deleting all custom files 231
- Evaluating an individual's ability to select buttons 54
- Intermediate Scan 65
- List of available files 60
- MultiChat 15 65
- myCore 66
- myQuickChat 66
- Overriding a specific button's style 85
- Overriding a vocabulary button style 84
- Spelling 66
- Transferring between device and editor 227
- VocabPC 66
- WordPower 61
- WordPower108 63
- WordPower108 with Keyboard 63

- WordPower140 Scan & Touch 63
- WordPower20 Simply 61
- WordPower25 Touch & Scan 61
- WordPower42 62
- WordPower42 Basic 62
- WordPower48 62
- WordPower60 62
- WordPower60-Basic 62
- WordPower80 63
- Vocal Smileys 121
- Voice
 - Adding Acapela Vocal Smileys 121
 - Changing 199
 - Selecting a voice 118
 - Setting auditory prompts 144
- Volume
 - Controlling 34

W

- Warranty
 - Dedicated devices: 266
 - Open system devices 265
- Webhook
 - Adding a webhook event to a button 255
- Wheelchair mounting plate
 - Replacing 40
- Widgets
 - Adding shortcuts to widgets 49
- Word Finder 180
- Word prediction 182
- WordPower 61
- WordPower108 63
- WordPower108 with Keyboard 63
- WordPower140 Scan & Touch 63

WordPower20 Simply 61

WordPower25 Touch & Scan 61

WordPower42 62

WordPower42 Basic 62

WordPower48 62

WordPower60 62

WordPower60-Basic 62

WordPower80 63