



## Quick Reference Guide

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If you need to attach NuPoint to the device, please see the *NuPoint User's Guide* that was included in the box.

### STEP 1 - STARTING NuPoint

1. Select **Tools** and then **Toolbox**.
2. Select **Access Method Menu**.
3. Select **Choose Different Access Method**.
4. Select **NuPoint/Joystick**.
5. Select **NuPoint**.



### Viewing Tracking Status

The LED on the front of NuPoint unit indicates the current tracking status. **Red** indicates that the unit is on, but is not tracking the user. **Green** indicates it is tracking the user. This LED does not indicate that the NuPoint unit is paused/active. See PAUSE/RESUME.

### STEP 2 – REFLECTIVE DOT

A package of silver reflective dots came with the NuPoint unit. Place a reflective dot on the forehead of the user between the eyes (or nose, brim of a hat, etc.) or you can affix the dot to a pair of glasses (prescription or non-prescription).

The NuPoint unit calculates how light reflects off the dot to detect the user's head movement. The on-screen cursor moves in the same direction as the user's head movements.

### STEP 3- POSITIONING

It is recommended that the user sit parallel to the screen, or as nearly parallel as possible. The optimal distance is 18 to 30 inches away. The closer the user is to the system, the faster the cursor will move on the screen. The further away, the more head movement is required to move the cursor.

### STEP 4 – MAKING SELECTIONS

Set the selection type from the Access Method Menu. There are two ways to activate a key.

#### Selection Type

1. **Auto (Dwell)** [DEFAULT]: Key activations occur automatically in accordance with the chosen Acceptance Time (how long the cursor must hover over a key). Acceptance Time is adjusted with the arrows. A typical dwell time is 1.
2. **Manual (Switch)**: Selections occur manually by activating a switch that is plugged into the device. This feature can also be used with the PRC Freedom Switch™. Acceptance Time (how long you have to press and hold down on the switch before a key is activated) is adjusted with the arrows. Typical acceptance time is the default, .01.

**Tip: Calibrate the cursor!** For the most part, when idle and the user is centered and parallel to the screen, the cursor should be in the center of the screen. If the cursor settles too high/low or too far left/right, it needs to be calibrated. In addition, if you feel as though you are straining to reach a target at the top, bottom, right, or left edges of the screen, the cursor needs to be calibrated. Calibration is best explained using an example. If your cursor feels as though its resting position is too far to the left, you need to look beyond the left edge of the screen to have it settle more to the right. Conversely, if it feels too far to the right, you need to look beyond the right edge of the screen to have it settle more to the left.

### PAUSE/RESUME

Select the Pause/Resume key to (toggle) pause and/or resume NuPoint. The thin bar at the top/middle of the screen will be green if NuPoint is active and red if it is paused.

**Tip:** Insert the **Disable Pointer** tool on a preferred key in the user's communication pages/vocabulary for quick access to Pause/Resume.

To do this:

1. Be sure you are looking at the key you want to turn into Disable Pointer. Select **Tools** and then **Setup Key**.
2. Touch the key.
3. Select **Spell Message or Define Key Function**.
4. Select **Insert Tool**.
5. Select **Disable Pointer**.
6. Select **OK**.
7. Select **OK**.
8. This key will now pause and resume NuPoint.

**Tip:** If the person helping the user needs to touch the screen, be sure to PAUSE NuPoint first.

### ACCESS METHOD MENU

The following section explains each setting in the Access Method Menu for NuPoint (from most used to least).

### POINTER SETTINGS

1. **Highlight Keys:** [Default = ON] When ON, a red outline or adjustable inverted highlight appears on each key when moused over. To adjust, select **Highlight Settings**.
2. **Show Cursor:** [Default = ON] When ON, a real-time cursor appears on the screen in the shape of a hand.
3. **Cursor Size:** Use the arrows to choose small, medium, or large cursor.
4. **Cursor Color:** Change the color of the cursor.
5. **Pointer:** [Default = NONE] The pointer is an on-screen indicator that shows what key the user is pointing to. Pointer settings allow changes to pointer color, pointer type, pointer size, pointer mode (animated or static), pointer border, and pointer transparency. This is most commonly used with NuEye®, not NuPoint.

## AVERAGING

Averaging helps you reduce accidental key activations caused by involuntary head movements or jitter. In effect, it creates a box that surrounds the average horizontal and vertical values of where an individual is pointing. The lower the value (1), the smaller the box, requiring less movement to change the cursor position. The higher the value (5), the larger the box, requiring greater movement to change the cursor position.

## HORIZONTAL AND VERTICAL ADJUST

Use Horizontal Adjust and Vertical Adjust to adjust the sensitivity of the cursor along the selected axis. 1 is visually the “slowest” setting and 10 the “fastest”. Horizontal Adjust and Vertical Adjust can also be combined with the Averaging setting. A low Averaging value (for example, 1) combined with a low Horizontal or Vertical Adjustment (for example, 1) means you need larger head movements to move the cursor (greater range of motion). A high Averaging value (for example, 5) combined with a high Horizontal or Vertical Adjustment (for example, 10) means smaller head movements will move the cursor (limited range of motion).

## PREDICTIVE SELECTION

When turned ON and using auto/dwell selection, the cursor can hover over blank keys and nothing will happen. Blank keys are inactive.

## AUTO REPEAT

[Default = OFF] When turned ON, a user can select the same key multiple times by maintaining focus on the key for the selected period of time (without having to move the cursor off the key and then back to it again). This is especially helpful when the user wants to select the same letter twice or when using Unity® Sequenced or LAMP Words for Life® Transition/Full vocabularies. Adjust with the arrows. A typical auto repeat time matches your dwell time.

## ACTIVATE TEXT AREA

When ON, the user may speak all of the text in the text area/message window by selecting it.

## OFF-SCREEN KEYS SETTINGS

1. **Off-Screen Pause Key:** [Default = ON] When ON, the user may Pause/Resume NuPoint by mousing to the thin red/green bar at the top/middle of the screen. This can be difficult to activate. The preferred method is a **disable pointer** on a key of the communication pages/vocabulary.
2. **Off-Screen Tools Key:** [Default = ON] When ON, the user may access the Tools key by mousing to the thin orange bar on the left edge of the screen.
3. **Right Off-Screen Key:** [Default = OFF] When ON, the user may access more Tools keys by mousing to the right edge of the screen.
4. **Bottom Off-Screen Key:** [Default = OFF] When ON, the user may access more Tools keys by mousing to the bottom edge of the screen.

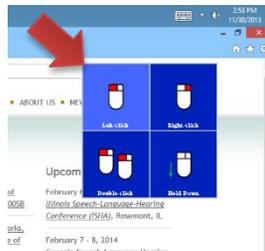
## WINDOWS® ACCESS SETTINGS

### Windows Selection Type

You can set the type of selection method you want for Windows separately from the NuVoice® communication software. For example, you can use Auto/Dwell while using NuVoice and Manual/Switch while working in Windows.

### Windows Dwell Time

When Windows Selection Type is set to Auto, use the arrows to adjust Windows dwell time or choose **Same**. Set the dwell time in Windows to a different dwell time than that of NuVoice or the same.



### Mouse Post-Select

Choose ON to display a pop-up menu within Windows each time the mouse is clicked. The user can select the action for the click (for example, Left Click, Right Click, Double Click, or Click & Hold).

## Mouse Post-select Settings:

1. **Configuration:** Use the arrows to choose Box, Vertical, or Horizontal configuration.
2. **Button and Font Size:** Use the arrows to adjust the grid square size and function label font size.
3. **Customize Button Functions 1-4:** Choose the post-select button desired. Use the arrows to select the desired function type. Additional customizations include button icon, button text, text color, button color, hover text color, and hover button color.

## WIRELESS SWITCHES

If you are using a wireless switch, you can connect it to the device by using the **Connect Freedom Switch**, **Disconnect ALL Freedom Switch**, or **Bluetooth Switch** keys, depending on the type of switch you have.

For more information on connecting a Freedom Switch.

<https://www.prentrom.com/support/freedom-switch-2>

## ADDITIONAL TOOLBOX SETTINGS

### VISUAL FEEDBACK

Provides an inverted flash when a key is selected.

1. Select **Tools** and then **Toolbox**.
2. Choose **Feedback Menu**.
3. Choose **Skin Options**.
4. Turn **Key Visual Feedback** ON/OFF.

### KEY PADDING

Provides additional space around each key.

1. Select **Tools** and then **Toolbox**.
2. Choose **Feedback Menu**.
3. Choose **Skin Options**.
4. Set **Key Padding** (1-20). The larger the number, the more space around each key.