

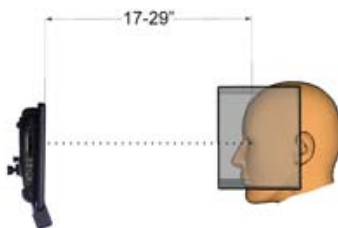
Nu•Eye™

TRACKING SYSTEM

Quick Reference Guide

Positioning:

Adjust the angle of the device until the front of your face and the display are parallel and between 17 and 29 inches apart.



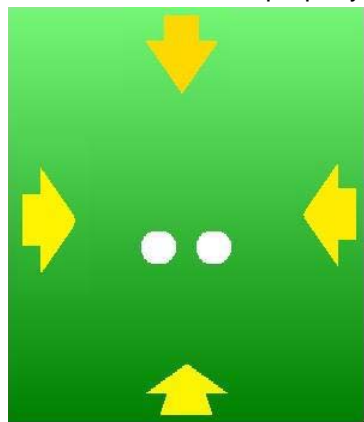
STARTING NuEye

1. Go to the **TOOLBOX**
2. Choose the **Access Method Menu**
3. Select **Choose Different Access Method**
4. Select **Eye Gaze**

**Note: you may need to press 'pause/resume' to pause the system during setup*

EYE TRACK STATUS

Before Starting the Calibration process, you need to make sure the user is properly aligned to use



NuEye. To make the eye track status box appear or disappear, choose **EYE TRACK STATUS** (this is a toggle button). Eyes (white circles) should be in the center of the box. Follow the arrows to adjust position right, left, up, down, forward or back.

To make the eye track status box large or small, use the arrows underneath **TRACK STATUS SIZE**. (Please note: if the track status is set to small, it will go into the upper right hand corner, allowing the eyes to be tracked at all times). Eye track status can also be seen in the **EYEGAZE POSITIONING MENU**.

CALIBRATING THE EYE

1. Select **CALIBRATE NOW**.
2. A solid colored screen will appear and the user will be shown a sequence of points.
3. Focus on the center of each point with your eyes as it moves across the screen.
4. When the calibration is complete the system will return to the Eye Gaze menu.

CUSTOMIZE EYE GAZE SETTINGS

Pause/Resume

PAUSE/RESUME is a toggle button that both pauses and/or resumes the eye gaze access method from within the Access Method Menu.

Selection Type (use UP/DOWN arrows to adjust)

1. **AUTO** (used most often): selections occur automatically in accordance with the chosen dwell time. Dwell Time is selected by using the UP/DOWN arrows.
2. **BLINK**: selections occur manually by blinking. The duration of the Blink can be customized with the UP/DOWN arrows.
3. **SWITCH**: selections occur manually by activating a switch that is plugged into the NuEye system.

Bluetooth Switch

Allows for pairing/unpairing of a Bluetooth switch if desired when **SELECTION TYPE** is via a **SWITCH**.

Auto Repeat

Allows the user to select the same button multiple times by maintaining focus on the button for a selected period of time – Adjust with the UP/DOWN arrows.

***Note:** if AUTO REPEAT is OFF the user may repeat a key by looking away and then looking at the key again.*

Predictive Selection

When turned ON blank keys on the screen are inactive and there is no visual feedback when you gaze at them. This feature may help to minimize unintended selections when using NuEye within your vocabulary programs.

Pointer Settings

1. **Highlight Keys (default off)**: a red box will outline each key as you look around your screen.
2. **Cursor (default off)**: This is a real-time cursor controlled with your eyes.
3. **Pointer**: Used most often for visual tracking of Eye Gaze. Settings allow the user to change the color, shape, size, mode (animated or static), border and transparency of the NuEye Pointer.

Off-Screen Key Settings

OFF-SCREEN KEY SETTINGS controls whether the user may access the off screen pause (by gazing just above the screen) and the off screen tools (by gazing just to the left of the screen) functions when using NuEye.

***Note:** a user controlled pause function can also be assigned to an on-screen key by inserting the tool 'disable pointer'. See your device documentation for instruction on inserting a tool on an on-screen key.*

Activate Text Area

This allows the user to be able to speak all the text (speak display) in the text area. (Default is ON.)

Note: Alternatively, a 'speak display' tool can be inserted onto any key.

Copy Settings to All User Areas

Pushes the current eyegaze settings, including the calibration, to all user areas within the device.

MANAGING EYEGAZE PROFILES

A 'profile' is a group of settings that offer a starting point for various levels of eyegaze users. Several profiles are built-in to NuEye. Existing profiles can be customized, and new profiles added or deleted.

Load Eyegaze Profile

Allows the user to select a built-in profile

Save Current Settings to a Profile

Allows the user to create a new profile to include the current eye gaze settings, *including calibration data*

Delete Eyegaze Profile

Allows a user to delete an unwanted profile

CHANGING CALIBRATION SETTINGS

Under 'CUSTOMIZE EYE GAZE SETTINGS' select 'CALIBRATION SETTINGS'

Stimulus Type

Use the Up/Down arrows to select desired stimulus. To use an **image** select the Up arrow until prompted to 'use icon'. Select 'yes' to use an icon within the software and 'no' if the desired image is stored on the computer or on removable media. Select 'change image' as needed.

Stimulus size can also be selected.

Active Eye

Default is 'Both'. To calibrate just one eye use the Up/Down arrows until the desired eye is displayed.

Stimulus Sound during calibration can be turned on/off

Keyboard Step Through (default is 'no')

Allows the Calibrator to walk the user through the calibration point by point

Calibration Points

The number of points the user must gaze upon for calibration. Use Up/Down arrows to select 0,1,2,5,9

Calibration Area

The amount of the screen used for calibration. Default is 100%

Validate Calibration

Data is provided immediately following the calibration when this is set to 'on' - allows for tracking of calibration scores

WINDOWS ACCESS SETTINGS

Found under 'Customize Eye Gaze Settings'

Windows Clicks

'on' allows for mouse clicks in windows using eye gaze. 'off' will disable mouse click activations while maintaining cursor control - useful with 'mouse over' or 'hover' activities in third party computer programs.

Magnify Windows Clicks

Provides a magnification pane upon each activation on the screen in windows with eye gaze. Helpful when accessing very small targets.

1. **Magnification Factor:** range of 2x – 5x.
Use the Up/Down arrows to adjust the power of the magnification
2. **Magnification Area:** range 64 x 64 – 256 x 256. Use the Up/Down arrows to adjust the size of the magnification pane

Windows Dwell Time

Default is 'same' – The Up/Down arrows allow for a dwell time within Windows different from the dwell time within NuVoice.

Mouse Post-Select

When turned 'on' this will show a pop-up menu within Windows each time the mouse is clicked to allow the user to select the action for the click (ex. Right click, double click, click & hold, etc.)



Settings:

1. **Configuration:** Use Up/Down Arrows to choose a box, horizontal or vertical alignment.
2. **Button and Font Size:** Use Up/Down arrows to adjust the size of the grid squares and the size of the function label font.
3. **Customize Button Functions 1-4:** Select the desired post-select button and then use the Up/Down arrows to select the function type. Additional adjustments include the picture on the button, the text and button color and the text and button color change when hovering.

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