

Appendix D. Installation Guide for the Vanguard and Pathfinder

Set-up

Refer to Chapter 2 of the HeadMouse for Portables Manual for more detailed installation information.

Note: Be sure that both the HeadMouse and the Vanguard/Pathfinder are turned off before commencing your setup.

1. Remove the Sensor and Interface Unit from the box, taking care not to touch the dark optical window on the Sensor's front panel. Using the included Dual Lock pads, attach the Sensor to the display. Depending on what was ordered, you will have received a standard or miniature Sensor. The miniature Sensor is typically used with the Vanguard and Pathfinder; it attaches to the front of the display. Be sure to set the mode switches on the HeadMouse Interface Unit appropriately for the Sensor orientation as described in Chapter One of the HeadMouse for Portables Manual.
2. Locate the standard DB-9 serial cable included with the HeadMouse for Portables. Connect the male end to Port A on the HeadMouse Interface Unit. Connect the female end to the multi-switch port located at the top of the Vanguard or the joystick port on the Pathfinder.
3. Turn on the power to the HeadMouse. (*Be sure to turn on the HeadMouse prior to turning on power to the Vanguard/Pathfinder.*)
4. Turn on power to the Vanguard/Pathfinder.

Setting the Vanguard/Pathfinder Selection Method

1. Select the Tools key located at the top right corner of the Vanguard/Pathfinder case.
2. Choose the Selection Technique menu.
3. Select Headpointing.

Setting the Dwell Time

4. Adjust the acceptance time (dwell time) as appropriate for the user.

Setting the Mouse Speed

The Mouse Speed describes the amount of physical mouse (head) movement, versus the amount of pointer movement on the screen. In other words, decreasing the mouse speed would require more head movement to move the pointer across the screen while increasing the mouse speed would require less head movement. Increasing the mouse speed also increases its sensitivity and would therefore require better head control to hold the pointer on its target area. The appropriate mouse speed setting will vary depending on the individual however, in most cases the mouse speed should be increased for optimal use of the HeadMouse with the Vanguard/Pathfinder. Adjust the mouse speed as indicated below.

5. The mouse speed can be adjusted using the Horizontal and Vertical Adjust options in the Selection Technique menu.
6. Select OK to close the Selection Technique menu.

Setting the Rest Feature

The Headpointing selection method provides a means of activating messages by directing the mouse pointer to the specific button and pausing. To eliminate the inadvertent activation of buttons, individuals who use the HeadMouse for Portables in the Headpointing mode, can temporarily disable the dwell feature by using the Disable Headpointer tool. This is a tool that must be stored in an icon sequence on the user's core vocabulary.

1. Select Tools.
2. Select Store Core.
3. Select Icon Sequence.
4. Select Spell Text to Message.
5. Select Insert Tool.
6. Select Disable Headpointer.
7. Make any desired changes to the icon picture or label at this time.
8. Select OK.