OrbitalMouse® Mouse Cursors Speed Control Setup
KIO7000 Series Industrial Computer Keyboards
PS/2 and USB Interface Speed Settings

Overview:
The CTI Electronics Orbital Mouse® Mouse Cursor is shipped with 8 different cursor speed curves in its program memory. Upon the initial installation of the Orbital Mouse®, you may select one of these 8 speeds for the operation of the unit. The speed you select will be dependent on your application, and the human factors of your workstation. The Orbital Mouse® Mouse Cursor will always start up with its mid range cursor speed setting of "5".

To change the speed of the Orbital Mouse® Mouse Cursor:

1) Connect the Orbital Mouse® to the Mouse Port of the Host PC.

2) Turn on the PC and allow it to initialize completely.

3) In the "Control Panel" of the Host PC, set the mouse tracking speed to the lowest available speed, with no acceleration.

The Orbital Mouse® Mouse Cursor is set to operate with the following windows settings:

Windows 7:
First go to >> "Windows Logo" >> "Control Panel" >> "Hardware and Sound" >> "Devices and Printers":
      Right Click "KIO7000 Icon", then select "Mouse Settings" and then the "Pointer Options tab"
      Select a Pointer Speed between "Slow" and "Fast".
      Click "Apply" then "OK"
      Hardware should have detected "Standard USB compatible mouse".

Windows XP:
First go to >> "My Computer" >> "Control Panel" >> "Printers and Other Hardware" >> "Mouse":
      Click "Pointer Options Tab"
      Select a Pointer Speed between "Slow" and "Fast".
      Click "Apply" then "OK"
      Hardware should have detected "Standard PS/2 or USB compatible mouse".

Windows 2000:
First go to >> "My Computer" >> "Control Panel" >> "Mouse":
      Acceleration set to "Slow" or "None".
      Speed just to left of center, (5th dot between slow and fast).
      Hardware should have detected "Standard PS/2 compatible mouse".

Windows 98:
First go to >> "My Computer" >> "Control Panel" >> "Mouse":
      Click "Basics Tab"
      Pointer Speed: Set between slow and center to find best performance.
      Click "Advanced Tab". Select "Off"
      Hardware should be set to "Standard PS/2 compatible mouse".
      Check via "Device Manager", to change >> "Add Hardware" >> "Next" >> "Select Hardware from List".

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4) After setting your system default speed and acceleration settings as indicated above then enable the Orbital Mouse® Mouse Cursor speed control as follows:

KIO7000 Non-Backlit Industrial Keyboard or KIO7800 Non-Backlit OEM Industrial Keyboard
Select speed control by pressing and holding the 2nd Function Key and either the Right Mouse Button to increase the cursor speed or the Left Mouse Button to decrease the mouse cursor speed, as indicated in Figure 1 below. Each depress of the Right Mouse Button increases the rate of movement of the mouse cursor. Each depress of the Left Mouse Button decreases the rate of movement of the mouse cursor.

KIO7000-BX Illuminated Industrial Keyboard or KIO7800-BX Illuminated OEM Industrial Keyboard
Select speed control by pressing and holding the 2nd Function Key (located to the left of the Space Bar Key) and then the Left or Right Mouse Button simultaneously.

The CTI Electronics Orbital Mouse® Mouse Cursor is now ready to use in your application.

Note: Upon power up of the Host PC, the Orbital Mouse® will default to the mid-range cursor speed setting of "5".
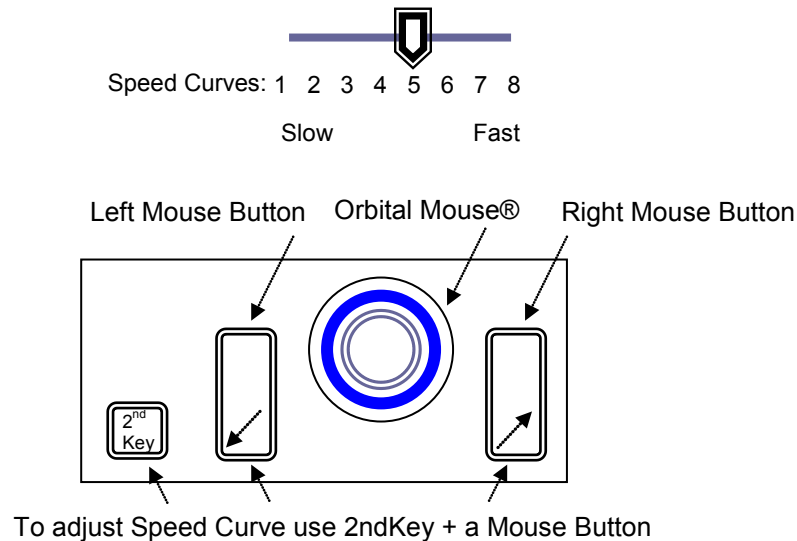

Figure 1: Mouse button layout for CTI Electronics Orbital Mouse® KIO7000 Series Industrial Keyboards

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