Y–*mouse*®

Keyboard and Mouse Adapter for USB
by
P.I. Engineering, Inc.

Product Manual

"The No Slogan Company"

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Installing Your *Y-mouse* Keyboard & Mouse Adapter for USB

Installing on a Macintosh System:

1. Connect two mice, two keyboards or a mouse and a keyboard to the *Y-mouse*. The devices must be able to use a PS/2 port.

NOTE: Adapters that change keyboards from AT style DIN-5 (5-pin) to 6-pin PS/2 may be used for keyboards; however, mouse-type devices must be designed to work in the PS/2 port.

2. Plug the *Y-mouse* **Keyboard and Mouse Adapter for USB** into a USB port on your computer.

3. Installation is now complete. No message boxes are required. See **Advanced Options** to customize the *Y-mouse* for Mac keyboards. Test the new keyboard and/or mouse in the software program of your choice.

IMPORTANT NOTE for MACINTOSH USERS: The *Y-mouse* default is for PS/2 keyboards on a PC. The <control>, <command> and <alt-option> keys on the Macintosh keyboard are not in the same location. To change the *Y-mouse* settings see the table in the **Special Settings** section.

General Notes about Mac OS and USB:

- If your USB peripherals are not working properly on your computer you may need to upgrade or update the operating system.
- To achieve full functionality of the 3-button mouse check our web-site (www.ymouse.com) for drivers that may help.

Installing on a Windows Me, 2000, or XP System:

1. Connect two mice, two keyboards or a mouse and a keyboard to the *Y-mouse*. The devices must be able to use a PS/2 port.

NOTE: Adapters that change keyboards from AT style DIN-5 (5-pin) to 6-pin PS/2 may be used for keyboards; however, mouse-type devices must be designed to work in the PS/2 port.

2. Plug the *Y-mouse* **Keyboard and Mouse Adapter for USB** into a USB port on your computer.

3. Windows Me will take a few seconds to recognize the new hardware and install the drivers.

4. Installation is now complete. Test the new keyboard and/or mouse in the software program of your choice.

NOTE: If you have additional USB ports (most PCs have at least two) this process will be repeated each time you plug the *Y-mouse* **Keyboard and Mouse Adapter for USB** into a new port for the first time.

Installing on a Windows 98 System:

1. Connect two PS/2 mice, keyboards or a mouse and a keyboard to the *Y-mouse*. Both devices must be able to use a PS/2 port.

NOTE: Adapters that change keyboards from AT style DIN-5 (5-pin) to 6-pin PS/2 may be used for keyboards; however, mouse-type devices must be designed to work in the PS/2 port.

2. Plug the *Y-mouse* **Keyboard and Mouse Adapter for USB** into the USB port on your computer.
3. A window will briefly display that says "New Hardware Found – P.I. Engineering PS2 to USB adapter.
4. You will be installing three drivers (one for the *Y-mouse* and one for each peripheral device). Follow the "Add New Hardware Wizard" through all three installation programs.
5. The drivers required are standard Windows drivers and are normally included in your system folder, however, it is sometimes necessary to get them from your Windows CD.

NOTE: If you have additional USB ports (most PCs have at least two) this process will need to be repeated the first time the *Y-mouse* is plugged into each USB port. If you anticipate moving the *Y-mouse* frequently, we recommend performing the installation in all ports at this time.

6. When the Wizard disappears, the driver installation is complete and the new devices should work. Test the new keyboard and/or mouse in the software program of your choice.

Installing on Other Operating Systems:

The *Y-mouse* **Keyboard and Mouse Adapter for USB** works with most USB systems. If you have another operating system and the *Y-mouse* did not work when you plugged it in, visit our web site at www.ymouse.com, e-mail tech support at tech@ymouse.com, or call us at 517/655-5523.

Operation

The keyboard and/or mouse work independently or using combination commands (i.e., Shift-Click). If you have two keyboards attached both keyboards will operate and either may be used. In addition, it is possible to use a *Y-mouse* **Dual PS/2 Mouse Adapter** or a *Y-key key* **Dual Keyboard Adapter** with this device if more than two additional devices are desired on the same computer.

Special Settings

To access any of the following Special Settings:

1. Install the *Y-mouse* PS/2 to USB Adapter following the instructions in this manual.

2. Attach a PS/2 keyboard to one of the ports on the *Y-mouse*.

3. Open a text-editing program (like Notepad or SimpleText)

4. Hold down the <Esc> key, tap the <S> key, and release the <Esc> key.

5. The *Y-mouse* version and settings will be displayed:

    "v2.1[wp]" means you have version 2.1 and the "W" and "P" settings are active.

6. Using <Esc> and the appropriate letter, you may change settings as desired and the new configuration will be displayed in the text editor.

NOTE: The *Y-mouse* stores these settings in its own internal memory so even if you unplug, power down, or move the *Y-mouse* to another computer, the settings will not be lost.

The following table illustrates how the W and R settings change key assignments on a PS/2 keyboard.

Mac Equivalents for Y-mouse PS/2 to USB Adapter			
Y-mouse setting	*PS/2 Keyboard Layout*		
	Left WinKey	Left Alt	Right Alt	Right WinKey
None (Mac default)	Alt/Option	Command	Command	Alt/Option
W (PC default)	Command	Alt/Option	Alt/Option	Command
WR	Alt/Option	Command	Alt/Option	Command
R	Command	Alt/Option	Command	Alt/Option

More Special Settings

<Esc> <A> – Resets *Y-mouse* to Mac default (QP).

<Esc> <E> – Stops the normal USB power-off feature. Set this if you want to use the attached mouse and keyboard to wake up the computer. After executing the <Esc> <E> command, unplug and re-plug the *Y-mouse* from the USB port or restart your computer to make this Special Setting take effect.

<Esc> <O> – Resets *Y-mouse* to PC default (WP).

<Esc> <P> – Scandinavian "*" key code conversion changes the scan code for the <|> (pipe character) key. This affects UNIX work stations and some foreign keyboards.

<Esc> <Q> – Sets the mouse speed to a faster mode.

<Esc> <T> – Allows the operating system to control the "Num Lock" indicator.

<Esc> <Y> – Sets the <Scroll Lock> key as a USB scroll lock. (Default mode uses <Scroll Lock> as a Mac "Power off" key).

NOTE: Additional special settings are available. For help with your specific situation please visit our web site at www.ymouse.com, e-mail tech support at tech@ymouse.com, or call us at 517/655-5523.

FCC Declaration of Conformity

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.

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 when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual 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 the 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.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

LIMITED WARRANTY

For all *Y-mouse* products purchased and installed in the United States and Canada, P.I. Engineering warrants that the *Y-mouse* product will be free from defects in materials and workmanship under normal use and service, and will meet the specifications presented by P.I. Engineering at the time of original purchase, for one year as evidenced by a copy of the purchase receipt. Under this warranty, P.I. Engineering will, at its sole option, repair or replace any *Y-mouse* product which is defective, provided that you are responsible for (i) the cost of transportation of the product to P.I. Engineering or its designated service facility, and (ii) any loss or damage to the product resulting from such transportation.

Upon discovery of a defect in the product within the Warranty Period, you should notify P.I. Engineering Technical Support via telephone to obtain an RMA (return authorization number) and instructions for shipping the product to a service location designated by P.I. Engineering. You should send the product, shipping charges prepaid, to the designated location, accompanied by the return authorization number, your name, address, and telephone number, proof of purchase, and a description of the defect. P.I. Engineering will pay for return of product(s) to the customer.

P.I. Engineering shall have no responsibility to repair or replace the *Y-mouse* product if the failure has resulted from accident, abuse, mutilation, misuse, or repair/modification performed by any entity other than P.I. Engineering.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, WHETHER EXPRESSED, IMPLIED, OR STATUTORY. P.I. ENGINEERING DOES NOT WARRANT THIS *Y-mouse* PRODUCT FOR FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. P.I. ENGINEERING AND ITS EMPLOYEES SHALL NOT BE HELD LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES, EVEN IF ADVISED OF THEIR POSSIBILITY, ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT. SOME STATES DO NOT ALLOW FOR THE EXCLUSION OR LIMITATION OF CERTAIN LIABILITIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE TO STATE.

In the event that the above limitations are held unenforceable, P.I. Engineering's liability for any damages to you or to any party shall not exceed the purchase price you paid, regardless of the form of any claim.

This limited warranty is valid for and only applies to products purchased and used inside the United States (and its territories) and Canada.

This limited warranty is governed by the laws of the United States of America and the state of Michigan.

The P.I. Engineering Line of Input Devices

**Visit our web site at www.ymouse.com
for detailed descriptions of our products**

X-keys® Auxiliary Keyboards:

- Extra programmable keys that work together with a standard keyboard.
- Desktop model has 20 keys, Professional model has 58 keys.
- PS/2 and USB versions available.

Y-mouse® Dual Mouse Adapter:

- Use two mice on one computer.
- Available for serial or PS/2 mouse ports.

Y-mouse® Keyboard and Mouse Adapter:

- Turn your laptop into a desktop with one simple connection.
- Use a PS/2 mouse and keyboard from the same port.

Y-mouse® Keyboard and Mouse Adapter for USB:

- Connect PS/2 devices to a USB computer.

Y-key key™ Dual Keyboard Adapter:

- When one keyboard is not enough.
- Great for stations that require sharing a keyboard from multiple locations.

Y-see two™ Video Splitter:

- Use two monitors at the same time
- Great for demonstrations, teaching or any situation that requires multiple monitors from the same computer.

X-keys® Foot Pedal:

- Use your foot to activate keyboard commands or mouse clicks.
- PS/2 and USB versions available.

X-keys® Switch Interface:

- Use any external switch to activate on screen or standard keyboard and mouse clicks.
- Accepts up to 12 inputs which connect with 1/8" plugs, USB versions only.

Custom/OEM Products:

- PS/2 mouse and keyboard board uses the same chip set as the *Y-mouse* product line.
- Keyboard matrix control board uses the same chip set as the X-keys product line, PS/2 and USB versions.

How to Find Us

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