Y–*mouse*™

Dual Serial Mouse Adapter
by
P.I. Engineering, Inc.

Product Manual

"The No Slogan Company"

Installing Your *Y-mouse* Dual Serial Mouse Adapter

1. Check that both pointing devices (mice) will operate independently on your computer with the same mouse driver:
   a) Turn off the computer.
   b) Plug one mouse into the serial comm. port (almost rectangular with 9 pins).
   c) Turn on the computer and make sure the mouse operates properly after complete boot-up.
   d) Repeat for second mouse.
   e) If both mice do not operate normally, you may be able to select a mouse driver that will allow both to work. Some mice also have switches to set their compatibility. If it is not possible to get the mice to work independently using the same mouse driver software then they will not work with the *Y-mouse*.

2. After you are sure the pointing devices will work using the same driver, install the adapter:
   a) Turn off the computer.
   b) Plug the serial cord (almost rectangular with 9 pins) on the *Y-mouse* into the serial comm. port (mouse port) on the computer.
   NOTE: The cord that should go to the serial port on the computer is labeled "**Computer's Serial Port**" on the *Y-mouse*. The port on the computer should be the same one you used in step 1 above.
   c) Unplug the computer keyboard.
   d) Plug the keyboard adapter (round with 5 pins) on the *Y-mouse* into the keyboard port on the computer. The keyboard adapter is labeled "**Keyboard Power Tap**" on the *Y-mouse*.
   e) Plug the computer keyboard into the socket on the other end of the *Y-mouse* keyboard adapter.
   f) Plug one mouse into the port marked "**Primary Pointing Device**" on the *Y-mouse*. This is the mouse the computer recognizes during boot-up.
   g) Plug the other mouse into the port marked "**Secondary Pointing Device**." **NOTE:** This mouse may be removed and the computer and primary mouse will continue to operate.
   h) With the *Y-mouse* installed, turn on the computer, wait for complete boot-up and test both mice.

NOTE: This serial port mouse adapter will not work in a PS/2® (round with 6 pins) port even with a converter plug. The PS/2 port requires a *Y-mouse* **Dual PS/2 Mouse Adapter** made specifically for this type of mouse port.

Operation

Simply use whichever pointing device you desire. Movement of the device causes the automatic switching. In normal operating mode either "mouse" can control the pointer.

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

Y-mouse **Dual Mouse Adapter:**

- Use two mice on a 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 sharing stations that require 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 **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.

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 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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