

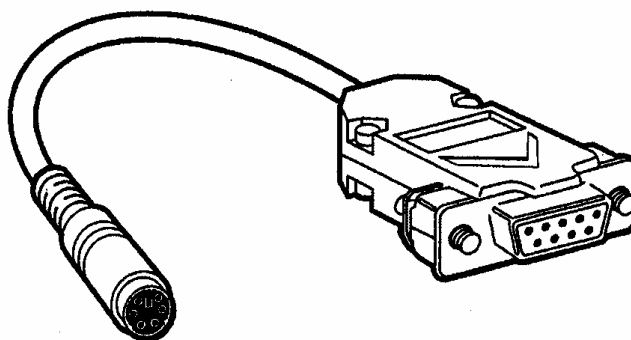


**BLACK BOX Corporation**  
*The World's Source for Connectivity<sup>SM</sup>*



**SEPTEMBER 1998**  
**AC244A**

## PS/2→AT Mouse GHOST



Once you plug a PS/2→AT Mouse GHOST emulator/converter (our product code AC244A) into the serial mouse port of an IBM® compatible computer, the GHOST mimics the responses of a mouse when the computer boots up, so that the computer can boot and operate successfully without a mouse attached. When you need to operate the computer, you can plug a PS/2® type mouse into the GHOST, which will convert the PS/2 mouse data into serial mouse data and pass it through to the computer; you don't have to reconfigure the PC or its applications. Because it performs this conversion, the GHOST is also useful for connecting PCs that have only serial mouse ports to KVM switches or extenders that have only PS/2 mouse ports or cables.

To install the PS/2→AT Mouse GHOST, take these steps, referring to Figure 1:

1. Make sure the computer is turned off and unplugged and that nothing is attached to its serial mouse port. (A keyboard or keyboard emulator should be plugged into the computer's keyboard port. The monitor's video cable should be attached to the computer's video port.)
2. Plug the GHOST's DB9 female connector into the computer's DB9 male serial mouse port.
3. Power up the computer. The GHOST should begin operating immediately from the DC voltage on the computer's mouse port.

At any time after the computer has loaded a mouse driver, you can connect a low-power PS/2 mouse to (and later disconnect it from) the GHOST's 6-pin mini-DIN female PS/2 mouse port, just as if the PS/2 mouse were a regular serial mouse. Or, if you're attaching the PC to a KVM switch or extender, you can plug and unplug the PS/2 mouse cable that runs between them. You won't have to reload the mouse driver when you do this; because the GHOST performs complete three-button Microsoft® mouse emulation, DOS and Windows® mouse drivers can load without a PS/2 mouse being attached to the GHOST or to the computer.

## PS/2→AT MOUSE GHOST

### CAUTION!

Only low-powered PS/2 mice, or KVM switches and extenders that draw no power from the mouse port, can be directly connected to the PS/2→AT Mouse GHOST. Mice, switches, and extenders that draw more power than the PC's serial mouse port can provide will not work.

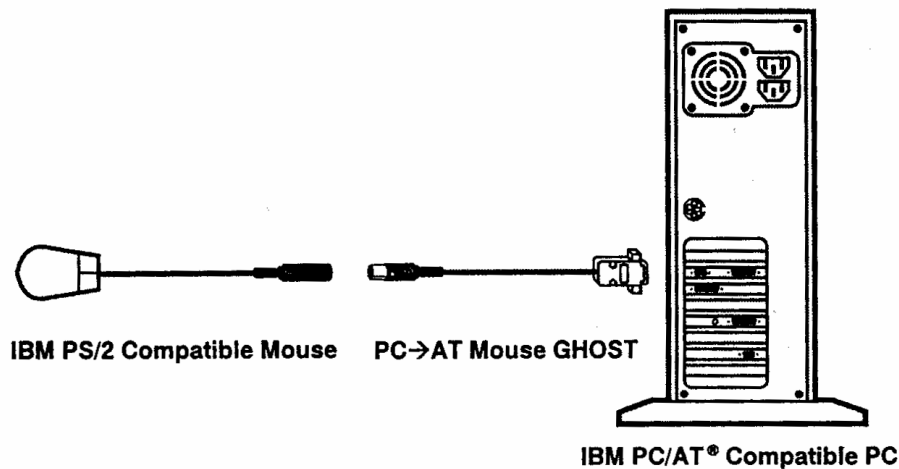



Figure 1. Installing the PS/2→AT Mouse GHOST

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#### CUSTOMER SUPPORT INFORMATION

To order or for technical support: Call 724-746-5500 or fax 724-746-0746  
Technical support and fax orders 24 hours a day, 7 days a week  
Phone orders 24 hours, 7 A.M. Monday to midnight Friday; Saturday 8 to 4 (Eastern)  
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