BLACK BOX®
NETWORK SERVICES

AT Keyboard/VGA Video Switch

6-to-1 model
5-to-1 model
4-to-1 model
3-to-1 model
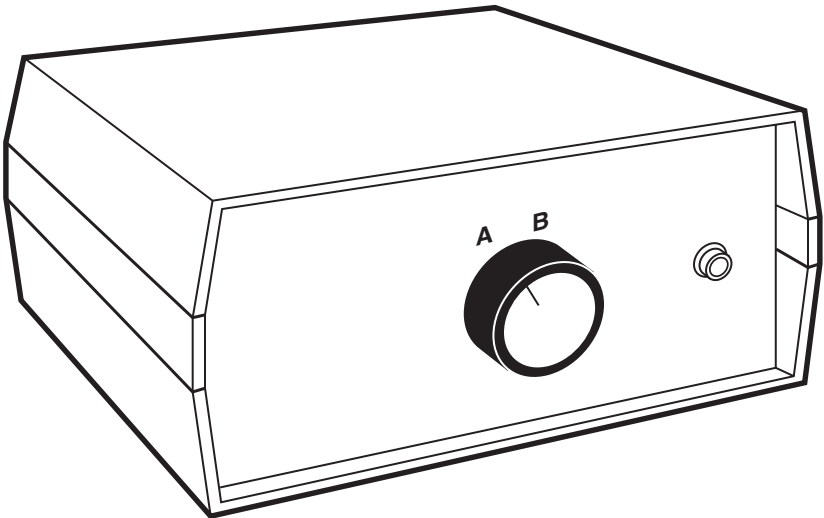
1. Specifications

Leads Supported — High-density 15-pin:1-8, 10-15,
   pin 9 is keyed 5-pin DIN: All
Controls — 1 reset button, 1 rotary knob
Connectors — Keyboard: 5-pin DIN female, Monitor:
   keyed 15-pin high-density DB15 female
Enclosure — High-impact plastic
Temperature —   -20° to 70° C (-4° to 158° F)
Humidity — 0 to 95% noncondensing
**Size** — 3.5"H x 19"W x 5"D (9 x 48 x 13 cm)
Weight — 1.4 lb. (0.6 kg)

2. Introduction

The PC Keyboard/VGA Switch helps you to squeeze more work out of an
underused VGA-based PC or keyboard/monitor combination. You can
split the use of a single processor between three or more occasional users
and give each a private keyboard and monitor, or use a single keyboard
and monitor to toggle back and forth between three or more processors.
   You save hundreds of dollars that you might have spent on duplicate
equipment, and eliminate the repeated nuisance and wear of recabling.
   The reset button on the Switch reduces the chance of a complete
keyboard lockup when you switch between processors. In every
mechanical switch, rotation creates a momentary break between the
contacts, cuts the current supplied to the keyboard, and poses the threat of
a "freeze." One remedy is a disruptive system reboot, which would destroy
work in progress. The reset button provides a much less harmful
alternative — it signals the keyboard to reinitialize without affecting the
data held in the computer.
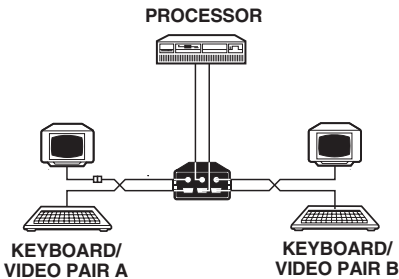
**Multiple Workstations Sharing
a Single Processor.**
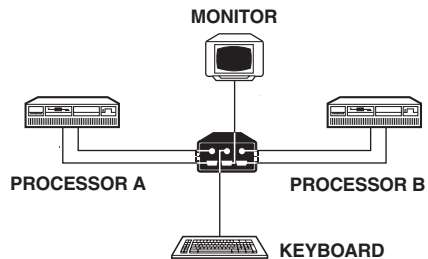
**Multiple Processors Controlled
by One Keyboard.**

NOTE

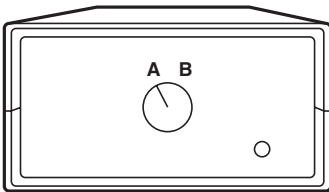**With an IBM PC/AT® or compatible, you might need to resort to the full reboot to regain control of the keyboard.**

3. Installation and Operation

These are the extra cables you'll need for installation. If you don't already have these or similar cables, call your sales or technical representative.
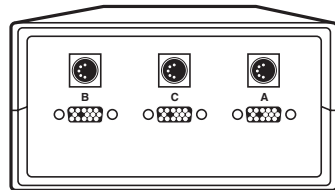
Name and Function	Code No.
VGA Video Extension	
joins monitor w/ switch	EVNPS04
5-Pin DIN Cable	
joins keyboard w/switch	EVNBDC

To install the switch:

1. Shut off all processors and monitors.

2. Plug the cables from the keyboard, monitor, and processor into the Switch. The common device plugs into the socket marked "C" on the keyboard, and the components to be switched plug into the sockets marked "A" , "B" , etc.

3. Turn on all monitors and processors.

4. Rotate the knob to "A" and check the operation of your system. Rotate the knob to "B" and check the system again. (If you are switching between processors, you may need to press the reset button to clear the keyboard.)

5. If you encounter problems, disconnect your system from the Switch and test all monitors and keyboards directly. Check your cables as well. If the source of your problem is the switch, call your technical support representative.

FRONT   **REAR**

Views of the Switch.