

Replaces SW782

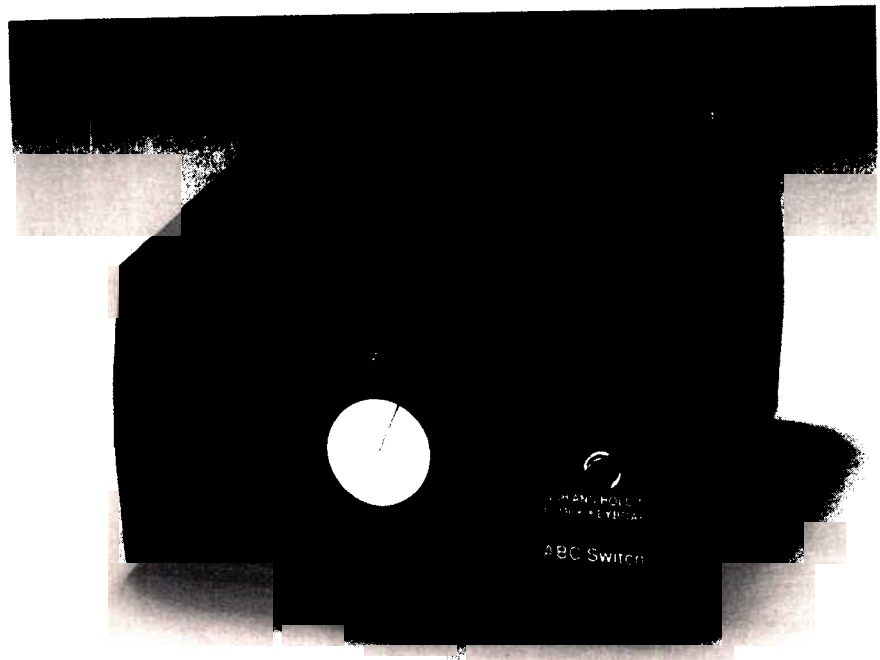
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**CIRCULATE
TO**

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SW779A

PS-2 Keyboard/Video Switch



This manual covers the SW779A
PS-2 KEYBOARD/VIDEO SWITCH

Trademarks

PS/2 is a trademark of International Business Machines Corp

1.0 SPECIFICATIONS

- Leads Supported:** High-density 15-pin: 1-8, 10-15, (pin 9 is keyed)
Mini 6-pin DIN: all 6
- Controls:**
(1) pushbutton; for resetting the keyboard
(1) rotary switch for selecting the keyboard or video device
- Connectors:**
(3) 6-pin DIN (female)
(3) keyed 15-pin high density DB15S (female)
- Power Requirements:** None (unit is non-powered)
- Size:** 3.5" H x 6" W x 6.3" D
(8.9 x 15.2 x 16 cm)
- Weight:** 1.4 lb
(0.6 kg)
- Enclosure:** High impact plastic
- Temperature:** -20 to +70 degrees C
-4 to 158 degrees F
- Humidity:** 0 to 95% (non-condensing)

2.0 INTRODUCTION

The PS-2 Keyboard/Video Switch is an economical way to let either two different keyboard/video display stations share one PS/2* processor or to let two PS/2* processors be accessed by a single keyboard/video display station.

What distinguishes this switch from other keyboard/video switches is that the PS-2 Keyboard/Video Switch has the ability, by way of a pushbutton switch on the front panel, to reset the keyboard through a reinitialization cycle so that the processor is able to accept new input data.

Often in the past, when two PS/2* computers were connected to a common keyboard, switching between them was tricky and uncertain. The momentary break in the keyboard power connections often caused the keyboard to "freeze up." This meant that the PS/2* system had to be rebooted after switching. With the PS-2 Keyboard/Video Switch, simply depressing and holding the front panel reset button for several seconds after switching causes the keyboard to reinitialize itself and lets the computer accept new input data.

Applications with two keyboard/video display stations typically do not require the reset switch to be depressed. (This is usually only required when switching two processor units between a single keyboard and monitor.) However, the user may depress the reset switch for these applications as well without adversely affecting the operation of the equipment.

2.1 FEATURES

- The PS-2 Keyboard/Video Switch permits the fast and efficient switching of keyboards and display stations between a common PS/2* processor. By sharing a common processor, you save the money that would have been spent on buying equipment that was not really needed.
- The Switch permits two different PS/2* processors to be accessed by a single keyboard and monitor without the keyboard "freezing up." This means that rebooting the PS/2* after each switching is unnecessary and also saves money on buying extra keyboards and monitors.
- The switch is easy to install and operate. No more frustration plugging and unplugging bundles of messy cables.

3. Turn on power to the PS/2[®] and monitor. A simple operational check can be made of the system by selecting "A" on the front panel's selector knob and operating the system. After this is done, turn the knob to "B" and again check the system connected to the "B" sockets. (If two PS/2[®] processors are being switched, the pushbutton switch on the front panel may need to be depressed for several seconds to reset the keyboard.)
4. This completes the installation and checkout of the system. If unusual installation problems or questions arise, please call for technical support.
