Multi-Array Switch
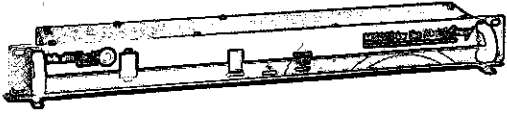

Model and Description:

• MS9/E - Electronic video/keyboard/mouse mux switch for up to nine independent computers.

Monitor

• Supports VGA-style monitor via a high-density 15-pin D-style connector.

Mouse

• Supports any RS-232C/D serial device via a 9-pin D-style connector.

Specifications:

Requires a user supplied monitor, keyboard, and mouse.

General Description:

A space-saving input/output consolidation tool for computing resources.

The MultiArraySwitch" (model MS9/E) is an electronic switching device designed for LAN/WAN installations that have multiple computers in a compact area. It allows the system administrator to use a single monitor, keyboard and mouse as a system console for nine independent computer systems. In addition, up to three MS9/Es may be daisy-chained for up to 27 computers administered via a single console.

The MS9/E is a compact module perfect for rackmount installations. It features a power switch and channel selector on the front panel and nine custom-wired D-style connectors on the back for input/output (I/O) interface to the computer systems. There's an additional port on the back for interconnecting up to three MS9/Es (e.g., daisy-chaining), further consolidating system resources.

Ideally suited for our MultiArrayIII rackmount computer system (model MA3). One MS9/E handles a fully populated MA3 with up to nine independent servers, hosts, or gateways. The MS9/E includes the break-out cables necessary for connecting the custom-wired back-panel connectors to the video, keyboard, and mouse ports on the MA3's single-board computers (SBCs).

A seven-segment LED display indicates which SBC or computer the I/O devices are connected to by displaying the number of the selected computer or segment (the MA3 has 9 segments).

Features:

Compact resource consolidation, Ease of use, and Expandable control of 9 to 27 computers using one monitor, keyboard, and mouse.

Compact Resource Consolidation

• Uses only one and a three-fourths vertical inches of rackmount cabinet space. Ideal for applications that require multiple computers in a confined area

• May be daisy chained together for a maximum of twenty-seven SBCs or computers via three MS9/Es

Ease of Use

• Two-position toggle switches for power and channel (MultiArrayIII segment or computer) selection

• Seven-segment display indicates the active channel (1-9) or the inactive channel (0), used when more than one MS9/E is in use

• LED status light (indicates active segment)

• Input (female) & output (male) port daisy-chaining ports: both are D-style connectors

Keyboard

• Supports 101-style keyboard via 6-pin mini-DIN connector

Dimensions:	17.65" W x 1.72" H x 2.5" L 44.12 cm x 4.3 cm x 6.3 cm
Weight:	3.2 lbs (1.4 kg)
Cables:	9 breakout cables from 25-pin D-Style to video, keyboard, and mouse
Connectors:	1-DB15F (15-pin female) for Video port/monitor, 6-pin mini-DIN for keyboard 1-DB9M to COM 1 (mouse) 9-DB25s for Ports 1-9 Power 1-DB25F (female) for Input, 1-DB25M (male) for Output
LEDs:	1 for SBC or computer status
Display:	Seven-segment display for channel read-out
Switches:	1-Two-position On/Off Power and 1-Channel selection
Voltage:	115v or 230v AC external power adapter; 50/60 MHz
Warranty:	Two years

Manufactured in Mounds View, MN, U.S.A.

Individual spec sheets are available for the MultiArrayIII, MultiComTower and SBCs.

MultiTech® Systems

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