

NEW PRODUCT

FEATURES

- 20 Hz - 20 kHz
- 64 X 64
- Non-Blocking
- Full Fanout
- Computer Control
- Expandable

DESCRIPTION

The Model 910 Audio Switch Matrix is an expandable, computer-controlled, non-blocking switch matrix covering the frequency range from 20 Hz to 20 kHz. The basic unit provides up to a 64 X 64 capability in a rugged and compact 5-1/4" high chassis. Additional switch blocks may be added to create larger switching systems. The non-blocking feature allows the user to arbitrarily connect any input to any number of outputs. For example, in a multiple receiver system, several receivers can be dynamically connected in real time to several operators or analysis/recording devices. A flexible control system allows for optional front panel and/or computer control with any standard interface such as IEEE-488, RS-232C or RS-422.

In a configuration up to 64 X 64, all necessary front panel controls, computer control, and power supply are included within a single chassis. For larger configurations, a control unit serves as the master microprocessor/controller for the system. It contains the system front panel and provides control information to other chassis assemblies.

SPECIFICATIONS

Frequency Range	20 Hz - 20 kHz
Number of Inputs	64
Number of Outputs	64
VSWR	1.2:1 nominal
I/O Impedance	600 ohms, balanced
Maximum Input Level	2 VRMS
Total Harmonic Distortion	0.5%
Gain	0 dB nominal
Gain Flatness	+/- 1 dB
Isolation	
Crosstalk	60 dB
On/Off	60 dB

Switching Time	1 millisecond
Switch Type	Solid State
Style	5-1/4" high, 20" deep, suitable for 19" rack mounting
Controls	Input Select, Output Select, Enter, Memory, Configuration, Alt, Reset, Numeric Keypad
Display	Vacuum-Flourescent
Connectors	37-pin Sub-D
Power	115/230 VAC, 47-420 Hz, 60 watts
Temperature	0° to 50°C, Operating
Humidity	5 - 95% Relative, Non-condensing
Weight	18 lbs.

Specifications may vary depending on options selected and are subject to change without notice.

ORDERING INFORMATION

The Model 910 Audio Switch Matrix provides a frequency range from 20 Hz to 20 kHz with up to 64 balanced inputs and 64 balanced outputs, a fully integrated built-in test system, and one computer control interface. The number of inputs and outputs and the type of computer control interface must be specified from the options list below. When ordering, please specify:

Option I20	RS-232C Remote Control Interface	Option Xnn	Number of Inputs, where nn is a number in the range 08 to 64 in multiples of 8
Option I30	IEEE-488 Remote Control Interface	Option Ynn	Number of Outputs, where nn is a number in the range 08 to 64 in multiples of 8
Option I40	RS-422 Remote Control Interface		