

## Model 221, 16 x 16 Audio Router

The Model 221 Audio Router is intended for distributing audio signals to up to sixteen users. The Model 221 is a Full Fan Out architecture; any input can be routed to multiple output ports.

The 221 is an extended bandwidth physical layer switch. It is not format sensitive. You may mix signal types, analog, low rate digital, telemetry and even use custom variations. The model 221 features user selectable individual input impedance 50 ohms or 600 ohms.

The unit's front panel display and key area permits local users to view and change routings, as well as checking the health and status of the chassis. All functions and status are also accessible through the remote interfaces. A simple ACSII literal based command set allows quick and easy remote control of the unit.

### Electrical

Configuration	16 inputs x 16 outputs
Frequency Range	20 Hz – 100 KHz
	User selectable DC coupling
On Path Gain	0 +/- 1.0 dB
Off Path Isolation	60 dB min.
Distortion, THD	0.1% max.
Nominal Operating Signal Levels	+/- 1.0 volt
Maximum Operating Signal Levels	+/- 2.0 volts
Switching Speed	1 mS
Impedance, Input	50 or 600 ohms unbalanced
Output	50 ohms unbalanced
Primary Power	115/230VAC, 50/60Hz, 45 watts
Remote Control Interfaces	RS-232/574 (DTE)
	RS-422 or RS-485 (two wire)
	10/100BaseT (RJ45)

### Mechanical

Chassis Size	2U (3.5")H x 19"W x 20"D
RF Connectors	BNC female

### Environmental

Operating Temperature	0 to +50 C
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Ordering and Configuration Information

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