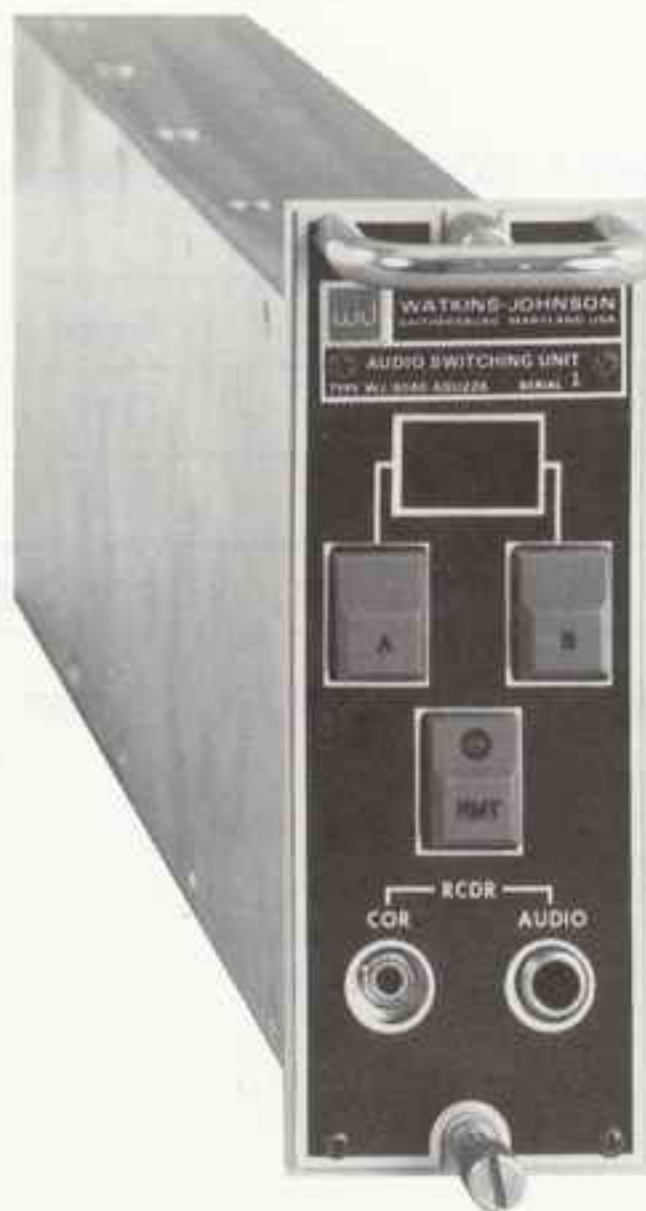


WJ-9040 ASU226A AUDIO SELECT UNIT



FEATURES

- 2 × 6 Audio Switch Matrix
- VOR Capability
- Compact, Eighth-Rack Size
- Fully Remote Controllable

DESCRIPTION

The ASU226A Audio Select Unit is a digitally controlled audio switch with eight SMA coaxial connectors (six audio in and two audio out), mounted on the rear of a 1/8th rack WJ-9040 compatible plugin unit. Also mounted on the front panel are the pushbuttons and LED indicators for local control, audio output stereo phone jack, and COR output twin axial jack.

The unit is designed to allow convenient monitoring of audio signals in both inter-rack and intra-rack WJ-9040 environments. Local control is via front panel pushbuttons with remote control available through the WJ-9040 IOM108 I/O module which is installed in an EFR100 Equipment Frame.

In local operation, two pushbutton switches, marked "A" and "B," are used to select one of six input channels for one of the two audio outputs (A and B) which are routed to the front panel phone jack and the rear panel SMA connectors. An LED indicates the input selected (1 through 6). The unit's software prohibits switching of the same input to both output channels.

The COR is triggered by a 100 mV rms level of the selected audio input. The COR output is routed to the phone jack on the front panel. The output mode is user configurable. The COR has a nominal 4 second turn off delay and 3 dB level hysteresis.

SPECIFICATIONS

Frequency Response	dc to 50 kHz
Power Consumption	2 watts approximately
Max Drive Level	7 V p-p
COR Output Characteristics	See Table 1
COR Trigger Level	100 m V p-p, ± 3 dB
COR Hysteresis	3 dB approximately
COR Delay	4 seconds nominal
Operating Temperature	0 to 50°C
Size	5.2 inches (132.08 mm) high, 2.0 inches (50.80 mm) wide, 14.4 inches (365.76 mm) deep
Weight	3 lbs. approximately

Table 1. COR Output Characteristics

RCDR COR	Active	Inactive	Logic	Configuration
Mode 1	5 Vdc	0 Vdc	TTL	User Option
Mode 2	0 Vdc	5 Vdc	TTL	Factory Default
Mode 3*	Grd	Open	"Sink to Grd"	User Option

*Mode 3 Maximum 200 mA/channel. External current limiting must be provided.