



Cue Tone Controlled A/V & IF/RF Switch

model
948AX

Specifications

Decoder Input Impedance:
10 k Ω unbalanced

Decoder Input:
45 mV p~p (- 34 dBmV) to 13.8 V
p~p (+ 16 dBmV)

Digits Decoded:
12 Hz. @ \pm 6 dBmV twist maximum

Video Relay:
SPDT , 75 Ω BNC connectors

VIDEO-IF/RF Isolation:
> 65 dBmV @ 65 MHz
> 50 dBmV @ 750 MHz

VIDEO-IF/RF Return Loss:
< 26 dBmV to 65 MHz. typical
< 16 dBmV @ 750 MHz

Audio Relay:
DPDT, screw connectors

CONTACT RATINGS
2.0 A. @ 28 VDC, 0.5 A. @
120 VAC

**Power Requirement for
External Power Supply:**
100-240 VAC \pm 2 %, 50/60 Hz

Physical:
4.75" W X 3" H X 7.5" D
Weight: 4 lbs

Features

- From 1 to 4 digit DTMF[®] code access
- Switching Balanced Stereo-follow-Baseband Video, or IF/RF
- Power supply included



Description

Monroe Model 948AX Cue Tone Receiver decodes Cue Tone signals transmitted by satellite and microwave program services, to provide unattended audio/video switching. The Model 948AX is capable of accepting a sequence up to four DTMF[®] signals.

The Model 948AX monitors an audio signal, looking for a specific code sequence to which it has been programmed to respond. When the complete programmed ON code sequence is received the audio/video switch will activate. The switch will remain activated until the programmed OFF code sequence is received, deactivating the audio/video switch.