

### **Specifications**

Audio Input:  $600 \Omega$  balanced

Input Signal Range: -24 dBmV to +6 dBmV

**Digit Validation:** 40 mSec. minimum

Inter-digit Time: 40 mSec. to 3 seconds

Digits Per Second: Maximum 12 @ ± 6 dBmV twist

**Set/Reset Inputs:** >20 mSec. pulse to GND.

Relay Outputs: SPDT; 2A. @ 30 VDC

**FCC Registration:** AAK-99W-67353-VP-N

**Telephone Ring Voltage:** 60 to 150 VAC

Power Requirement: 94 - 240 VAC 50/60 Hz

**Physical:** 1.75" H x 19" W x 10.25" D

Weight: 5 lbs.

## 800-821-6001 585-765-2254 | fax 585-765-9330

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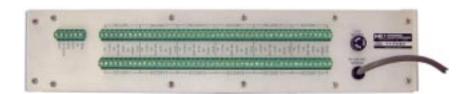
# **Cue Tone Decoder**

model **R173** 

#### **Features**

- Includes 4 Monroe 3185E decoder cards.
- Up to twelve (12) decoder cards may be installed
- Unattended telephone answering device
- Field programmable decoders
- External 'Set' and 'Reset' of each decoder for special applications
- Voice Response/Security Control, and telephone line interface standard
- Single or individual audio paths for decoders





## **Description**

The Model R-173 Cue Tone Decoder utilizes Cue Tone signals transmitted over satellite transponders or standard dial-up telephone lines. Use of the Cue Tone Receiver permits automatic, unattended operation of switching equipment in locations where non-duplication, blackout, or routing is required.

By utilizing the 'Set' and 'Reset' inputs on each channel, the Model R-173 Cue Tone Decoder may be used as a telephone override for the R-149 Program Timer or R-153 Program Timer 2, when controlling Switcher Panels. In this mode, up to 12 channels per Decoder may be controlled.

A Voice Response/Security Control PC Board is installed. The unit responds to a telephone call with a voice message. The board then requires a 3 digit DTMF code entry to allow access to the individual decoders.