



# Cue Tone DTMF® Encoder model R107A

## Specifications

**Number of Cue Tone Sequences:**  
1 set of On/Off standard,  
2 to 4 optional

**Output Impedance:**  
600  $\Omega$ , balanced

**Cue Tone Output Level:**  
Adjustable, 2 mV to 2 V RMS

**Cue Tone Delay Time:**  
Adjustable, 0.25 to 1.75 Sec.

**Cue Tone Transmission Rate:**  
Adjustable, 5 to 200 digits/Sec.

**Second Cue Tone Automatic Re-send Timing:**  
Adjustable, over a wide range

**Power Requirements:**  
94 - 240 VAC,  $\pm$  10 %, 50/60 Hz  
UL/CSA/CD power supply

**Physical:**  
3.5" H X 9.5" D X 19" W  
Weight: 5 lbs.

## Applications

- Programming Changes
- East coast – West coast programming
- Return from Blackout programming
- Switch to local origination programming
- Beginning and ending of daily programming
- Beginning and ending of scrambled programming
- Beginning and ending of local commercial avails



## Description

Monroe Series 3000 Model R-107A Cue Tone Encoder is the preferred method of sending control signals over program audio or audio grade links. The R-107A is a preprogrammed CATV Cue Tone generator designed to place DTMF (Touch Tone\*) cues on CATV program audio. The cue tones are transmitted to provide CATV systems with unattended switching and to signal the beginning and ending of:

- Daily Programming
- Program Segments
- Local Announcements or Commercials

The Model R-107A provides up to eight Cue Tones; four ON and four OFF. An internal timer permits precise 30, 60, 90, or 120 second timing of the first OFF code for local announcement of commercial substitution cues.

Internal Cue Tone Decoders monitor program audio and provide verification that the cues have been properly transmitted.

Front panel pushbutton switches and indicators facilitate operation; rear panel terminals allow external switches and indicators to be added if desired.

Standard with the R-107A is leading edge trigger switching provided by Monroe Model 3223B-2 printed circuit board. Trailing edge switching is available by replacing the 3223B-2 board with Monroe Model 3223C-2. To request the trailing edge trigger option or for more information regarding leading/trailing edge trigger switching please call customer service at 1-800-821-6001.

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[www.monroe-electronics.com](http://www.monroe-electronics.com)

R107A DS 072006.p65  
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