

## SPECIFICATIONS

**Audio Input Impedance:**

Selectable 600Ω ±10%, > 10KΩ  
balanced/unbalanced

**Audio Input Coupling:**

AC

**Audio Input Level:**

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

**Audio Input Range:**

-24 dBmV to 6 dBmV adjustable to ±  
10 dBmV

**Digit Validation Time:**

40 mSec minimum

**Inter-digit Time:**

40 mSec to 3 Sec

**Digits Per Second:**

Maximum 12@ ±6 dBmV twist

**Set/Reset Inputs:**

>20 uSec pulse to ground

**Relay Output:**

DPDT; 2 a @ 30 VDC

**Power Requirement for External  
Power Supply:**

117 VAC ± 10%, 50/60 Hz  
(240 VAC available)

**Physical:**

4"H x 8"W x 2"D

Weight: 1lb

## Emergency Messaging Platforms CATV switching and Control

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Digital Alert Systems Model 637 DTMF Decoder allows  
switch control via Cue Tones®

## APPLICATIONS

- CATV Cue Tone Decoding
- Remote Control Systems



## DESCRIPTION

Digital Alert Systems Model 637 Dual Tone Decoder is a microprocessor controlled DTMF® decoder. The 637 is capable of accepting a sequence of from one to four DTMF® signals and responds by actuating its integral DPDT output relay.

Relay action may be momentary, latching or toggling. Programming the code sequence is accomplished by digital rotary switches along the front edge of the PC board.

Please refer to the instruction manual for specific switch and control settings.