

SPECIFICATIONS

Audio Input Impedance:
Selectable $600\Omega \pm 10\%$, $> 10K\Omega$
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 \pm
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 $\pm 10\%$, 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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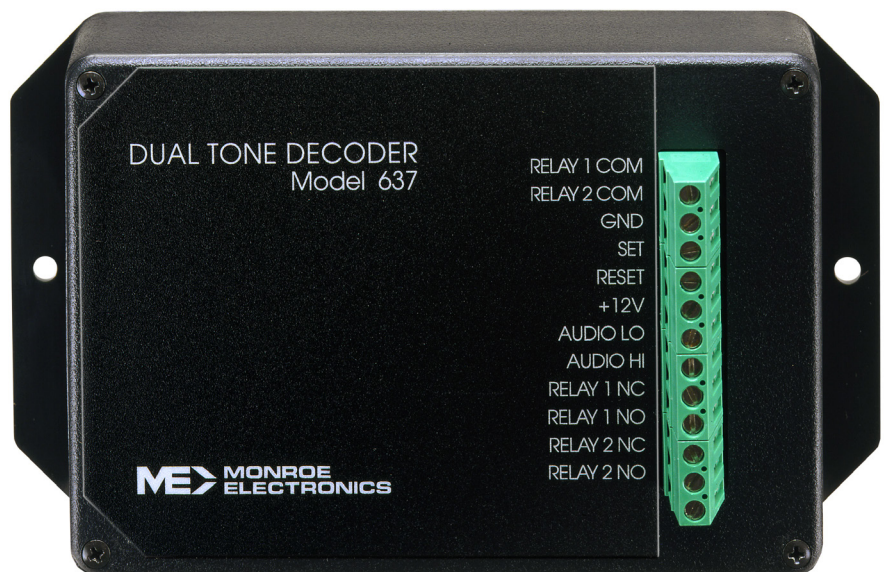
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Digital Alert Systems Model 637 DTMF Decoder allows
switch control via Cue Tones®

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.