DTMF® Decoder

model
637

Applications

- **CATV Cue Tone Decoding**
- **Remote Control Systems**
- **Any Place Cue Tone Decoding is Needed**

Description

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

Please refer to the instruction manual for the 3185E for specific switch and control settings.

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:
8”H x 4”W x 2”d
Weight: 1lb

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