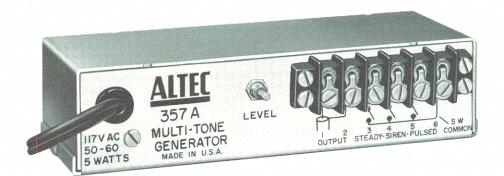
357A Multi-tone Generator





Features:

All-transistor Circuit

3 Tones: - Steady - Siren-like - Pulsed
Meets OCDM Requirements
Draws only 5 watts
No warm-up needed
Independent Volume Level
Control
Self-powered
Compact — Weighs only 10 Ounces
High Quality Components
Rack or Panel Mounting
Non-Microphonic

Emergency Alarm • Fire Alarm Signal Air-raid Warnings • Time Signals

The Altec 357A Multi-Tone Generator is a transistorized device operating from a 117-volt AC source, providing distinct warning signals in the form of steady tone, a siren-like tone, or pulsed tone bursts. It may be connected to a line, power, or microphone amplifier for use with paging, public address and voice warning systems.

The 357A is the only tone generator available with multiple signal output and high-reliability transistor circuitry. The unit is compact and self-powered and requires a minimum of installation time.

In operation, the Multi-Tone Generator can be activated by a key-switch or push-button to provide: (1) a siren-like tone at a fundamental frequency of 550 cps with a slow rise and fast return. Ideal for air-raid or emergency alarm situations. (2) The steady tone, also at a fundamental frequency of 550 cps. Used to designate "all-clear" conditions. (3) The pulsed tone burst, has a 600 cps fundamental frequency with a 750 ms duration and 1.5 second interval. Recommended as a fire, evacuation or other emergency alarm. In accordance with the latest Office of Civil and Defense Mobilization Bulletins, it is recommended that the "yellow alert" signal be a continuous siren tone sounded for a period of 3 to 5 minute duration. The attack or "red" condition is designated by the sounding of a constant siren-like tone for a period of five minutes or until silenced by order of proper Civil Defense authority.

Measuring only $1\%'' \times 2\%'' \times 6\%''$ the model 357A is small enough to be installed directly in a program clock or other sound system equipment. A six-lug terminal strip provides connections for the output lead and switch terminals for the various tones. A self-contained volume control permits the call tones to be adjusted independently from other program material.

The 357A Multi-Tone Generator is complete with power cord. A blank panel (Altec 10399) is available for rack mounting.



PERFORMANCE SPECIFICATIONS

Tones:

1. Steady tone, 550 cps fundamental.

2. Siren-like (undulating) tone, harmonic chain, 550 cps fundamental.

Sweeprate 1.5 cps. Slow rise, rapid return.

3. Pulsed tone burst, 600 cps fundamental, 750 ms duration, 1.5 second

interval.

Output Level:

2.8 volt peak (open circuit) 56 mv peak 600 ohm load 14 mv peak 150 ohm load

Output Impedance:

50,000 ohms

Load Impedance:

30 ohms to infinity

Signal to Noise Ratio:

67 db

Power Supply:

117 volts, 50-60 cps, 5 watts

Transistors:

4-2N217

Dimensions:

158" H x 258" D. x 634" W.

Color:

Dark Green

Weight:

10 oz.

Accessories:

10399 Blank Panel (134") for rack mounting

ARCHITECTS AND ENGINEERS SPECIFICATIONS-

The tone generator shall be of the multiple-signal type having the following specifications: The tone generator shall contain all-transistor circuitry. Tone generators utilizing vacuum tubes are not acceptable. It shall be capable of generating a steady tone with a 550 cps fundamental frequency, a siren-like (undulating) tone of an harmonic chain at 550 cps fundamental with a sweep rate of 1.5 cps, and a pulsed tone burst of 600 cps fundamental frequency with a 750 ms duration at 1.5 second intervals. The generator shall incorporate an integral volume level control that shall function independently of the volume level of the sound distribution system.

The case shall be of sheet metal, finished in dark green enamel and shall measure not more than 1%" high by 2%" deep by 6%" wide. A six-position terminal strip shall be available on the case for connection of the output cable and switch leads. The generator shall be furnished complete with power cable and plug for operation from the 117 volt power source.

The tone generator shall be Altec Lansing Model 357A.

NOTICE

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That you obtain your Altee products from factory tre
Sound Contractors and Distributors. This will assure
tion, a continuing source of knowledgeable advice, se