

MULTI-TONE GENERATOR **F-TG4X**

SOUND TONES OVER YOUR INTERCOM / PAGING SYSTEM

Signal Shift Changes, Class Changes, Breaks

Low-Cost solution to any size application

*Easily connects to AP Series Time Switches,
MC Series Master Clocks, and Paging Amplifiers*



Four Inputs allow for up to Ten-plus Different Combinations including:
● Steady Tones ● Pulsed Tones ● Chime ● Whoop ● Siren

Adjustable Tone Level

Optional 8 Ohm Speaker Output

Plug-in Power Module Included

Screw Terminal Connections for Easy Field Wiring

The F-TG4X's audio input and output can be connected to any paging source, such as an intercom, a phone system paging port, or background music amplifier. When a contact closure is provided at any of the inputs, the paging or background music is pre-empted and the selected tone is generated over the paging system.

TWO YEAR WARRANTY



**APPLIED
TECHNICAL
SYSTEMS**

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Description

The Model F-TG4X Tone Generator is a compact, reliable unit designed to generate up to 10+ distinct signals: Steady Tones, Pulsed Tones, Chime, and Whoop / Siren. It is an excellent source for alarm or pre-announce signals in public address or telephone paging systems. The F-TG4X will accept a Hi-Z input from a program source, such as a tuner, turntable, cassette player, CD player, etc., and will maintain precedence over the program material for the duration of the contact closure.

Technical Specifications

Output Signal Specifications

Rated Output: Adjustable from 0 -1.5 volt P-P. (Load Impedence: 600 ohms or higher)

Controls: Gain control - Screw Driver Adjustment on the Front panel

Inputs: T1 - T4 Four dry contact inputs for tone selection

Audio In input allows normal background audio to play. Pre-empted by Tone Selection Inputs T1 - T4.

Tone Selection Table				
Tone Description	T1	T2	T3	T4
333 Hz SteadyTone	■			
333 Hz Tone - 2 Pulses	■	■		
333 Hz Tone - 3 Pulses	■		■	
Chime		■		
Whoop			■	
Siren (Not Implemented)		■	■	
700 Hz SteadyTone				■
700 Hz Tone - 2 Pulses		■		■
700 Hz Tone - 3 Pulses			■	■
Custom 1	■	■	■	
Custom 2	■	■	■	■
Custom 3	■	■		■
Custom 4	■		■	■
Custom 5		■	■	■

■ Indicates closed contacts on T1 through T4.
Close multiple contacts to select desired sounds

Steady tones and Whoop last for the duration of the contact input.

Pulsed tones are .4 seconds ON and .4 seconds OFF with a 1 second break before repeating.

A two pulse tone repeats every 2.5 seconds for the duration of contact inputs.

A three pulse tone repeats every 3.25 seconds for the duration of the contact input.

The Chime sounds once when the contact is closed and again when the contact is opened.

Custom Tones 1 - 5 are factory installed to a specification.

Power

Requirements: 12-15 VDC, 1 amp max. Plug-In Power Module is included

Enclosure: Light gray plastic enclosure measures 5.6"W x 4.6"H x 2.8"D