AG17

Multi-Tone Alarm Generator

FEATURES and BENEFITS

• Ten tone alarm library
• User programmable microprocessor to customize tone priority, duration, triggering, muting and attenuation
• Eight channels for output signal priority
• Logic output mirrors control inputs
• Momentary or latching inputs
• 120/230 VAC
• LED alarm activation indicators
• Output level control
• Compact – fits on a standard 19" equipment rack – 2 rack units (2U)
• Audio override for Page/Talk announcements

APPLICATIONS

This product is designed for use in industrial environments such as:

• Mines
• Chemical Plants
• Refineries
• Drilling Rigs
• Defense Installations
• Cement Plants
• Bulk Loading Stations
• Pulp & Paper Mills
and more . . .

INSTALLATION and CONNECTABILITY

The AG17 multi-Tone Alarm Generator is one component in Guardian Telecom’s full line of reliable, hard working paging system products – all designed for easy installation and connectability.

Override audio/logic inputs have a higher priority than alarm tone signals and suppress any existing alarm tone to broadcast the override. An active alarm can be completely muted or attenuated by 10 dB, 20 dB, or 60 dB to accommodate an override broadcast.

The AG17 can be ordered separately or as part of an integrated system that includes Page/Talk stations, speakers and speaker amplifier units, and distribution amplifiers. Guardian’s trained representatives will work with you to customize your operation’s general alarm and paging systems.
ENGINEERING SPECIFICATIONS

ELECTRICAL REQUIREMENTS

Input Supply Voltage
120/230 VAC

Maximum Current Consumption
12 VA

Fuse
1/2 A; 250 V; Fast-Blow

AUDIO PERFORMANCE

Audio Output

Maximum Voltage (Adjustable) Output
1,500 mV

Impedance
20 K Ohms Unbalanced

LOGIC PERFORMANCE

Logic Inputs

Control Input Enable
Open Drain Logic Input

Recommended Activating Devices
Dry Contact Relays

Minimum Open Collector/Open Drain Output
12VDC @ 100 Micro Amperes

Logic Outputs

Maximum Open Drain Output
40VDC @ 300 mA

MECHANICAL SPECIFICATIONS

Body Construction
16 Ga Mild Steel

Net Weight
12.1 lbs (5.5 kg)

Shipping Weight
14.0 lbs (6.4 kg)

Shipping Dimensions (L x W x D)
20.0” x 15.0” x 11.5” (508 x 381 x 293mm)

Connection Audio
Removable Connection Plug

Connection Logic
Removable Connection Plug

ORDERING INFORMATION

Warranty: One year parts and labor

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<tr>
<th>Order No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>P5960</td>
<td>AG17 Multi-Tone Alarm Generator</td>
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<tr>
<td>P5970</td>
<td>AG17 Multi-Tone Alarm Generator - No Relay</td>
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