



# GA Series

## Utility Paging Re-Entrant Horn Loudspeakers



**GA-30T**



**GA-15T**

### General Description

GA Series loudspeakers are utility horns for voice paging and music transmission. Double re-entrant horn construction optimizes loudspeaker output to penetrate ambient sound levels. GA Series is available in 15 and 30 Watt models and incorporates a compression driver with ceramic magnet. Units include a combination 25V/70.7V line transformer with multi-position knob switch for selecting power taps. They are also equipped with wiring for an 8Ω connection to facilitate installation when a transformer is not required. Models feature a round, high-impact plastic horn and will withstand outdoor installation in high-humidity environments. Adjustable surface mounting bracket provides multiple (vertical & horizontal) positioning opportunity. Each assembly is supplied with 21-gauge 18" color coded wire leads for matching polarity and loudspeaker connection. Entire assembly is gray with silver colored hardware.

### GA-15T

Power Rating	15 Watts
Frequency Response	400Hz–6kHz (±5dB)
Sensitivity SPL (1w/1m)	103dB
Dispersion	80°
Power Taps*	25 Volts: .5, 1, 2, 4, & 8 70.7V Volts: 1, 2, 4, 8, 15
Diameter	7½" (190.5mm)
Length	9⅜" (238mm)
Height	10" (254mm)
Weight	2.8 lbs (1.3kg)

### GA-30T

Power Rating	30 Watts
Frequency Response	350Hz–7.5kHz (±5dB)
Sensitivity SPL (1w/1m)	106dB
Dispersion	60°
Power Taps*	25 Volts: 2, 4, 8, & 15 70.7V Volts: 4, 8, 15, & 30
Diameter	10" (254mm)
Length	12" (304mm)
Height	11" (279mm)
Weight	3.2 lbs (1.5kg)

\*Horn is equipped with wiring for an 8Ω connection to facilitate non-transformer applications  
† Measured from top of bell to surface with horn positioned at 90° angle

### Features

- Multi-Function, Re-Entrant Horn Loudspeakers Offer Efficient Sound Penetration and Dispersion for Paging, Music, and Intercom Use
- Dual Voltage, Knob-Adjustable Impedance Selection for 25/70.7V Line Connection
- Sturdy Construction for Long-Term Indoor and Outdoor Use

### Applications

Utilize Atlas Sound GA Series horn loudspeakers for paging and intercom systems. Units are ideally suited for installation in commercial buildings, distribution centers, indoor/outdoor recreation and sports facilities, service/shop areas, gas stations and transportation terminals, and other applications where direct and efficient sound coverage is desired.

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## Architect And Engineer Specifications

Horn loudspeaker shall be Atlas Sound Model \_\_\_\_\_ (GA-30T or GA-15T) or approved equal. The weatherproof unit shall be double re-entrant type design with audio power capability of \_\_\_\_\_ (30 Watts, 15 Watts). Frequency response shall be \_\_\_\_\_. Sound pressure level shall be \_\_\_\_dB measured at 1 watt / 1 meter. Sound dispersion shall be \_\_\_\_°. Models shall be equipped with a 25V/70.7V transformer having impedance selection via a seven-position switch.

Model GA-30T shall have power taps of: 2, 4, 8, & 15 on 25V line and 4, 8, 15, & 30 on 70.7V line. Model GA-15T shall have power taps of: .5, 1, 2, 4, & 8 on 25V line and 1, 2, 4, 8 & 15 on 70.7V line. Horn loudspeaker shall also have wiring to allow for 8Ω connection. A multi-position surface mounting bracket shall allow for adjustment on the vertical and horizontal planes. Unit shall be constructed of high-impact plastic and finished in gray.