



# RWH Horn

## RWH Series

Weather Resistant Aluminum, High Power, 8 Ohm, Quad Compression Driver Paging / Evacuation Horn

### FEATURES

- HIGH IMPACT, WEATHER RESISTANT GREY PAINTED ALUMINUM CONSTRUCTION
- OUTDOOR WARNING FOR LARGE COVERAGE AREAS
- 400 WATT PAGING / ALARM HORN, 8-OHM, 4 X 100 WATT COMPRESSION DRIVERS
- HEAVY DUTY U-MOUNT FOR EASY POSITIONING AND INSTALLATION.
- 300 - 12kHz. FREQUENCY RESPONSE
- 130 DEGREE DISPERSION PATTERN



## RWH Series

High Power paging / evacuation warning type horn, 8-Ohm

# Paging Horns

### SPECIFICATIONS - RWH SERIES

<b>MODEL NO.:</b>	RWH-400	
<b>DIAMETER:</b>	49.5cm (19.5")	
<b>DEPTH:</b>	53.5cm (21")	
<b>HEIGHT:</b>	58.5cm (23") - with bracket folded	
<b>FREQUENCY RANGE:</b>	300 - 12 kHz.      500 - 6kHz +/- 5 dB.	
<b>DISPERSION PATTERN:</b>	130 degrees (-6 dB, 2000 Hz. Octave band)	
<b>POWER RATING:</b>	400 Watt, 8-Ohm	
<b>SOUND PRESSURE LEVEL:</b>	130dB., 400W / 1M	
<b>IMPEDANCE TAPS (OHM):</b>	4 x 8-Ohm Compression Drivers	
<b>WEIGHT:</b>	9Kg (20 lb.)	
<b>MOUNTING CENTERS:</b>	3 Holes in U-Bracket	
<b>MOUNTING HOLES:</b>	3 x 9.5mm (3/8") holes (for 5/16" bolt or threaded rod) 1.5" apart	
<b>MATERIAL:</b>	Aluminum, baked grey epoxy finish, bracket is made from 3/16" Plate steel	
<b>INSTALLATION SHEET NO.:</b>	I-SD-RWH-0010-R.A	

### ARCHITECTS AND ENGINEERS SPECIFICATIONS

#### AEG RWH Series

The paging horn shall be **AEG Model RWH-400**. The RWH-400 horn is an all aluminum, epoxy paint coated, weather resistant commercial paging horn. This device is ruggedly built, and designed for locations where a very loud broadcast is required. The unit shall have an 49.5cm (19.5") round front opening. The depth of the paging horn shall not exceed 53.5cm (21"), and the maximum height shall be 58.5cm (23"). The complete body of the horn shall be made from aluminum and painted with a grey epoxy paint. The maximum power rating shall be 400 Watts, and the uniform frequency response shall be 300 - 12 kHz. or 500-6,000 hz +/- 5dB. The sound pressure levels shall be 130 dB. (400W/1m). The U-mounting bracket shall be fully adjustable for precise horn positioning, and shall have 3 mounting holes for surface or threaded rod mount conditions. The horn's dispersion shall be 130 deg. (-6 dB, 2000 hz octave band). Wiring shall be made via the wiring harness. The wiring harness is sealed to the horn via a weather tight strain relief type connector. The sound paging horn shall be **AEG Model RWB-400**.

#### Driver Protection:

This horn speaker should not be driven outside of the frequency range specified. A 300 hz, 6 dB/Octave high pass filter is recommended to protect the device from burn out. This filter can either be applied to the input to the amplifier electronically, or passively to the output of the amplifier, usually at the device. A capacitor at each device in series with the common on the horn will achieve this effect. The capacitor must be the bipolar type and voltage rated to be higher in value than the amplifier voltage output. 250 volt metalized polyester film capacitors are recommended.

#### Ordering information:

- Order Part Number GAP-EX-15T, equipped with a weather tight strain relief and 0.5 Meter rubberized multi-conductor wire.
- Product is packaged as each.