



Constant Directivity Horn Model 13340

Features:

- High impact, glass reinforced polyester horn.
- Wide coverage angle with constant directivity.
- Corrosion resistant hardware and mounting brackets.
- Optional speaker mounting assemblies available.



Benefits:

- Highly resistant to chemicals and corrosives.
- High intelligibility.
- Maintains physical appearance in harsh environments.
- Reduces the number of horns required for optimum coverage in open areas.



The GAI-Tronics Model 13340 wide-angle, constant directivity is designed to produce intelligible communications over a broad area. This horn has an even 120° horizontal and 60° vertical coverage angle for all speech reproductions. At any point throughout the horn's coverage angle, the quality and decibel level of a sound emitted remains constant within 6dB. The 13340's highly rugged and corrosive resistant design makes it ideal for indoor or outdoor applications with few obstructions. GAI-Tronics offers a full range of acoustical engineering services to ensure the best speaker performance and proper placement for any application.

New South Wales:

Tel: (02) 8851 5000

Fax: (02) 9899 2490

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Brochure No:

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Queensland:

Tel: (07) 4955 2777

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A.B.N. 31 002 654 695

AUSTDAC PTY. LTD.

Industrial Loudspeakers



Constant Directivity Horn Model 13340

Specifications:

Acoustical	
Frequency Response :	450 Hz-8,000Hz +/-5 dB with 13314 and 13310 series driver
Low Frequency Cutoff:	-10 dB (350 Hz)
High Frequency Cutoff:	-10 dB (12 KHz)
Coverage Angle:	120 o horizontal; 60 o vertical; nom
dB Level:	119 dBspl @ 12 watts with 13314 driver at one meter 113 dBspl @ 12 watts with 13310 driver at one meter
Material	
Horn body:	High-impact, injection molded, glass-reinforced polyester mounting
Hardware:	Passivated 304 stainless steel
Bracket:	Hot-dipped zinc, cold-rolled steel Driver Coupling
Driver Coupling Insert :	Clear-anodized aluminum
Driver Coupling:	1-3/8 inch, 18 TPI UNEF
Mounting:	Will accommodate two 1/2 inch bolts spaced 3 to 5 inches
Throat Diameter:	1 inch
Dimensions:	15.63 (397) H x 27 (686)W x 14 (356)D; inches (mm)
Temperature Range:	-40C to +70C
Weight:	12 lbs (5.44 kg)

Ordering Information:

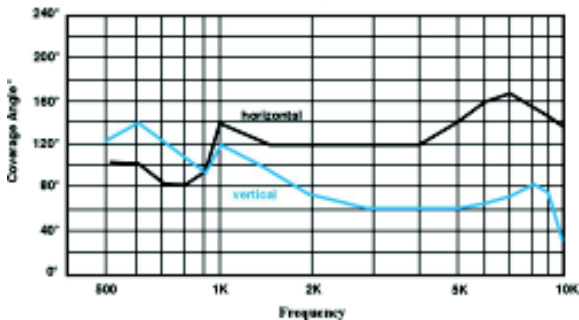
Order Model 13340

Model 13340 requires a separate compression driver (Reference GAI-Tronics Models 13314 and 13310)

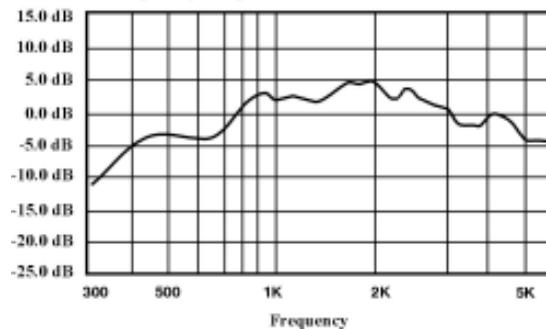
411A : Speaker mounting assembly for 13340 and 13314 combinations
 415A : Speaker mounting assembly for 13340 and 13310 combinations
 12526-001: Speaker steel mounting bracket kit

GAI-Tronics offers a complete line of replacement parts to assure proper maintenance and reduce costly downtime.

Directivity Plot for 13340 Horn
at -6dB point



Frequency Response of 13340 with 13314 Driver



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