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.
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° horizontal; 60° 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
Insert: Clear-anodized aluminum
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)

ORDER INFORMATION

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

Accessories
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.