

GAI-TRONICS provides loudspeakers designed for the reproduction and broadcast of voice communications and pre-recorded tones and speech messages. These loudspeakers are typically used in industrial and commercial locations such as manufacturing plants, metal and chemical processing facilities, and warehouses.



Model HP15-8

MODEL HP15-8

- ABS construction for corrosion and weather resistance, and durability
- Stainless steel mounting bracket
- Compact integral 8 ohm driver has 15 watt rating



Model 13309-001

MODEL 13309-001

- Black molded polystyrene horn provides excellent temperature, corrosion and weather resistance
- Epoxy-coated steel mounting bracket allows easy vertical positioning
- Controlled dispersion and high efficiency provide excellent intelligibility
- Wide frequency response for outstanding voice reproduction
- Available with all stainless hardware and Type 316 stainless steel bracket; add "SB" to model number.



Model 13302-002

MODELS 13302-002 and 13304-002

- Aluminum horns with gray epoxy finish for corrosion and weather resistance
- Excellent performance in voice frequencies
- Steel mounting bracket for easy vertical or horizontal positioning
- Separate driver allows flexibility in applications
- 1 3/8" UNEF thread (female) provided for driver connection
- Available with all stainless hardware and Type 316 stainless steel bracket; add "SB" to model number



Model 13304-002

MODEL NUMBER	LOW FREQ. CUT-OFF ³	DISPERSION @1250 HZ ¹	SOUND PRESSURE LEVEL		EFFICIENT FREQUENCY RANGE	AIR COLUMN LENGTH	DIMENSIONS DIAMETER X LENGTH		SHIPPING WEIGHT
			@ 12W	@ 30W			INCHES	MM	
HP15-8	315 Hz	110°	116 dB	N/A	470-7600 Hz	1.5 ft (.45 m)	7.8 x 9.7	200 x 247	3.8 lbs (1.7 kg)
13309-001 ²	350 Hz	120°	115 dB	118 dB	450-3400 Hz ¹	2.8 ft (.85 m)	10.5H x 21.5 W x 15.1 L ¹	178x364x314 ¹	10 lbs (4.5 kg)
13302-002 ²	340 Hz	65°	118 dB	120 dB	440-3400 Hz ¹	3.5 ft (1.07 m)	20.5 x 20.4 ¹	521 x 518 ¹	13 lbs (5.9 kg)
13304-002 ²	350 Hz	60°	116 dB	120 dB	450-3500 Hz ¹	2.5 ft (.76 m)	16.5 x 17.0 ¹	419 x 430 ¹	9.6 lbs (4.1 kg)

¹Specification includes performance or dimension of horn with GAI-TRONICS Model 13314 driver.

²Model number for horn only; does not include driver.

³Reference: -20 dB from average SPL



Model 13305-101

MODEL 13305-101

- Bi-directional design
- Especially effective in hallways or corridors
- Requires single separate driver
- 1 3/8" UNEF thread (female) provided for driver connection
- Optional epoxy coating offers extra protection against corrosion



Model 13306-101

MODEL 13306-101

- Sturdy aluminum construction with epoxy coating
- Requires a separate driver
- 1 3/8" UNEF thread (female) provided for driver connection
- Steel mounting bracket for easy vertical or horizontal positioning



Model 13328-001

MODEL 13328-001

- Non-corrosive beige molded ABS
- Two-way adjustable mount allows precise positioning
- Compact integral 8 ohm driver has 15 watt rating

Specially designed to fill unique application needs - these horns provide flexibility in design and application to fill individual communication requirements.

MODEL NUMBER	LOW FREQ. CUT-OFF ³	DISPERSION ANGLE @1250 HZ ¹	SOUND PRESSURE LEVEL		EFFICIENT FREQUENCY RANGE	AIR COLUMN LENGTH	DIMENSIONS DIAMETER X LENGTH		SHIPPING WEIGHT
			@ 12W	@ 30W			INCHES	MM	
13305-101 ²	330 Hz ¹	2 @ 80°	109 dB ¹	111 dB ¹	450-4400 Hz ¹	1.5 ft (.46 m)	8.5 x 20.5 ¹	216 x 521	4.5 lbs (2 kg)
13306-101 ²	315 Hz ¹	100°	116 dB ¹	119 dB ¹	460-4000 Hz ¹	1.5 ft (.46 m)	9.75 x 6.13 ¹	248 x 156 ¹	2.8 lbs (1.3 kg)
13328-001	375 Hz ¹	120°	112 dB	-	490-7300 Hz ¹	1.1 ft (.76 m)	6.5 x 6.6 ¹	165 x 168	3 lbs (1.4 kg)

¹Specification includes performance or dimension of horn with GAI-TRONICS Model 13314 driver.

²Model number for horn only: does not include driver.

³Reference: -20 dB

Horns	Drivers	
	13310	13314
13302-002	415A	411A
13304-002	415A	411A
13305-101	413A	413A
13306-101	415A	411A
13309-001	415A	411A
HP15-8	Has Integral Driver - Use 412B	
13328-001	Has Integral Driver - Use 412-002	

ACCESSORIES

GAI-TRONICS offers speaker mounting assemblies which provide for vertical and horizontal positioning of integral speakers and horn/driver combinations. The assemblies are heavy casting coated with gray baked enamel.

The chart to the right details the speakers and horn/driver combinations and their associated mounting assembly. Additionally, GAI-TRONICS offers a stainless steel U-bracket, Model 12526-001, for use with the 13302, 13304 and 13309 horns. The Model 13302-002 and 13304-002 horns are available with all stainless mounting hardware and a Type 316 stainless steel mounting bracket; order model 13302-002SB or 13304-002SB.