

Features

- **30 Watts Power Handling and Low Distortion Provide Superior Sound Reproduction Qualities**
- **UL-Approved for Division 2 Hazardous Areas to Eliminate Need for Expensive Explosionproof Drivers in Division 2 Areas**
- **Rain-tight and Chemical Resistant Housing Makes Drivers Suitable for Harsh or Corrosive Areas; Rated NEMA 4X**
- **Variable Impedance Drivers available with 70 Volt Transformers (Model 13314-003) and 100 Volt Transformers (Model 13314-004)**



13314

The GAI-Tronics Model **13314** compression drivers are designed to provide optimum performance in both commercial and industrial applications. These indoor/outdoor compression drivers are commonly used in light and heavy manufacturing facilities with high ambient noise, and corrosive and hazardous environments. Other applications include sports complexes, auditoriums, distribution facilities, and transit authorities.

Compression drivers can be used with GAI-Tronics' full range of horns. In addition, GAI-Tronics can provide consultants to assist in the proper placement of drivers and horns.

For further details, please contact your local sales representative.

Ordering Information

Order Model	Impedance				UL Approved	CUL
	8 ohm	16 ohm	70 volt variable	100 volt variable		
13314-001	●				●	●
13314-002		●			●	●
13314-003			●		●	●
13314-004				●	●	●

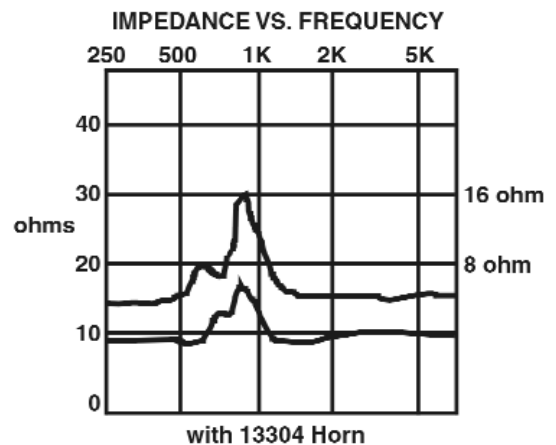
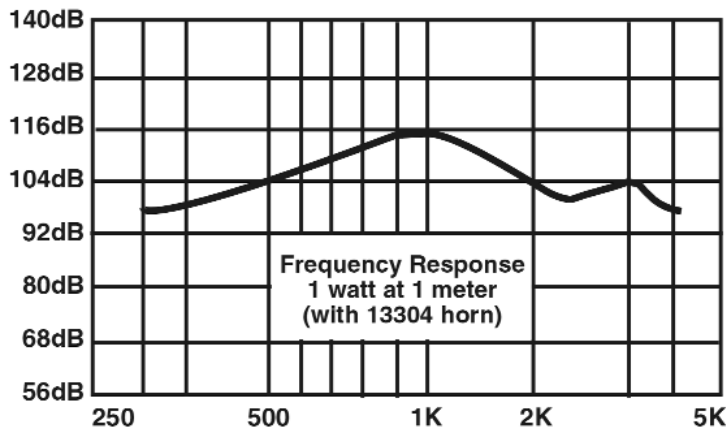
Specifications

Acoustical

Frequency Response	300Hz to 4500Hz (+/- 6dB) with 13304 Horn
Power Handling	30 watts RMS, ANSI S4.426-1984; 300-3000 Hz pink noise (6dB crest factor)
Sensitivity	111dB SPL: 1 watt at 1 meter; swept sine average (with 13304-002 horn)
Impedance	13314-001: 8 ohm 13314-002: 16 ohm 13314-003: Variable 13314-004: Variable
Input Taps	13314-003; 70.7V; 3.7, 7.5, 15 and 30 Watts 13314-004; 100V; 3.7, 7.5, 15 and 30 Watts
Voice Coil Diameter	1.5 inches (38mm)
Magnetic Weight	1.28 lbs. (.58 kg) including pole pieces
Throat Diameter	1 inch (25.4 mm)
Polarity	Positive voltage on black conductor moves diaphragm forward

Mechanical

Material	Black high-impact, glass-reinforced polyester with stainless steel hardware
External Gaskets	Closed cell silicon foam
Connections	1-3/8" - 18 UNEF thread for connection to horn; 13314-001/-002 42" type SO heavy usage, 18 AWG 3-conductor cable 13314-003/-004 Bushing accommodates 0.250" to 0.480" cable
Dimensions	5 inches (127 mm) diameter; 5.5 inches (140 mm) long
Approvals	UL and CUL Listed for Class I, Div. 2, Groups A,B,C,D; Class II, Div. 2, Groups F, G; Class III, Div. 2
Weight	13314-001 and 13314-002: 3.1 lbs. (1.41 kg) 13314-003: 3.4 lbs. (1.56 kg) 13314-004: 4.3 lbs. (1.9 kg)
Operating Temperature Range	-40°C to +70°C (-40°F to +158°F)
Weatherproof Rating	NEMA 4X



Pub. 920901 Rev. 11/2011



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Quality Management System Certified by DNV - ISO 9001:2008

The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.