



GAI-TRONICS® CORPORATION  
A HUBBELL COMPANY

# Model 751-005 Speaker Amplifier

## General Information

This data sheet applies to the Model 751-005 Speaker Amplifier, which is a component of the 700 Series Page/Party® system. It mates directly with the Page/Party® Series enclosures and broadcasts page announcements over the Page/Party® system speakers. The Model 751-005 is constructed of 16-gauge cold-rolled steel and is suitable for either indoor or outdoor use.

Model 751-005 Speaker Amplifier mates with an enclosure wired directly to a speaker. To install, plug the Model 751-005 Speaker Amplifier into the appropriate enclosure, and tighten the four screws in the corners of the front panel. For continued IP 66 protection, torque setting for securing the amplifier to the enclosure should be 10 to 12 in-lbs. or 1.13 to 1.36 n-m.

The speaker volume adjustment is located under the GAI-Tronics nameplate on the front panel. Refer to Figure 1.

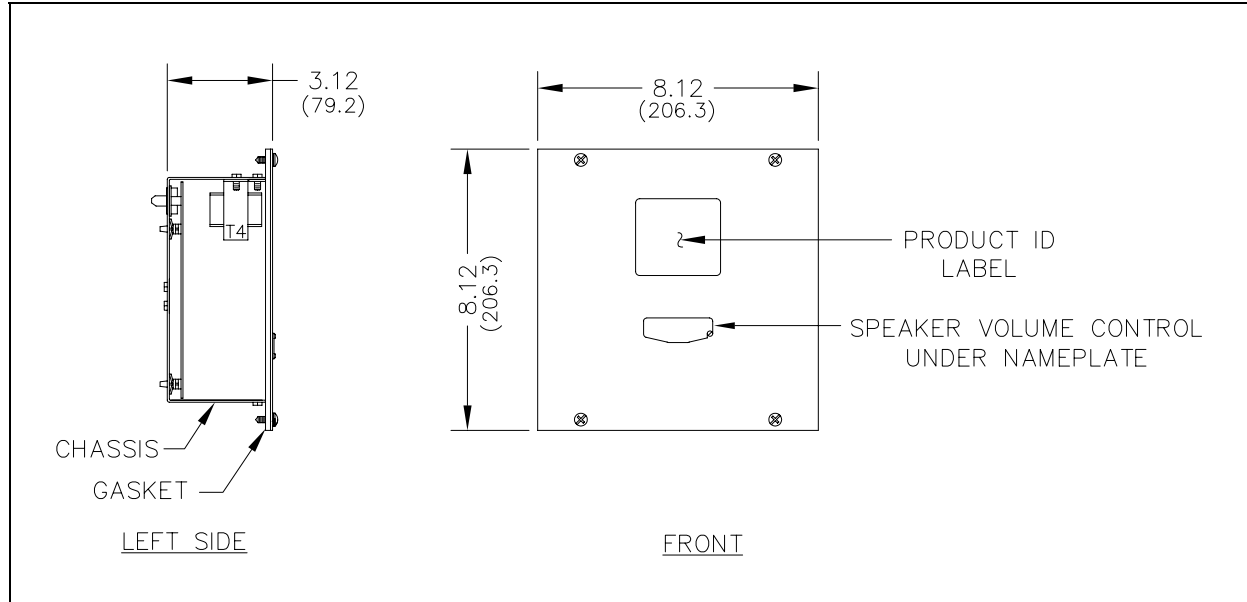


Figure 1. Model 751-005 Speaker Amplifier Outline Diagram

# Specifications

Power input .....	90–140 V ac range, 50/60 Hz, 120 V ac nominal
Power consumed .....	Zero signal: 10.5 VA, 5.3 W Max. signal: 58 VA, 29.5 W
Construction/Finish .....	16-gauge cold-rolled steel/gray polyurethane
Amplifier output .....	Push-pull, Class B, 12 watts minimum, with nominal supply voltage
Amplifier sensitivity .....	0.5 V ac, for rated output
Frequency response .....	250–4,000 Hz, +0/–3 dB ref. to 1 kHz
Distortion .....	1% max. THD @ 1 kHz, 12 watts
Input impedance .....	50,000 ohms nominal
Controls .....	Speaker volume (adjusted through an access hole behind the nameplate on the front panel)
Temperature range .....	–22° F to +158° F (–30° C to +70° C)
Dimensions .....	8.1 H × 8.1 W × 3.0 D inches; (206 × 206 × 76 mm)
Shipping weight .....	5.6 lbs. (2.6 kg)

## Approvals

Model 751-005 Amplifier .....	II 3G EEx nA IIC T6 Location Zone 2 IP 66 when installed in a Model 702-006, 703-006, 703-007, 7325-106, or 7325-107 Enclosure
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NRTL listed .....	Suitable for use in hazardous locations Class I, Div. 2, Groups A, B, C, D; Class II, Div. 2, Groups F, G; Class III, Div. 2 when used with listed 702-006, 703-006, 703-007 7325-106, or 7325-107 Enclosure
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## CE Mark

Certificate No. DEMKO 04 ATEX 0424225X  
 Notified Body Id No. 0539  
 UL International DEMKO A/S  
 Lyskear 8  
 DK-2730 Herlev  
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