



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

723-001 Remote Handset/Speaker Amplifier

General Information

This data sheet applies to the 723-001 Remote Handset/Speaker Amplifier, which is used with GAI-Tronics desktop, desk-edge, and flush-mount stations. It has been designed to be remotely mounted within an enclosure, allowing the associated subsets to be placed on a desktop, mounted on the side of a desk, or to be flush-mounted.

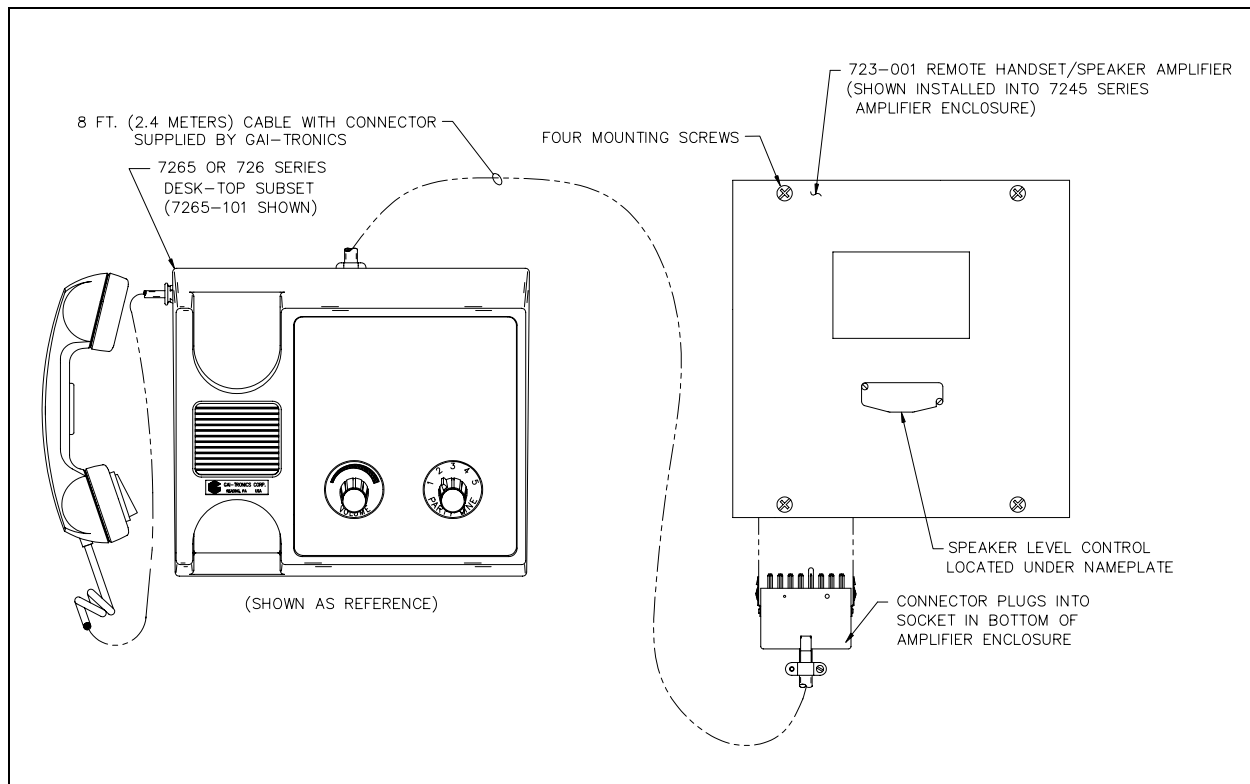


Figure 1. Typical Installation of the 723-001 Remote Handset/Speaker Amplifier

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 Maximum signal: 58 VA, 29.5 W
Construction/Finish.....	16-gauge cold-rolled steel/gray polyurethane enamel

Handset Amplifier

Output level	1.5 V _{RMS} nominal into 33-ohm load
Output limiter	1.5 V _{RMS} nominal
Gain	55 dB nominal (below limiter level); adjustable from 40 to 63 dB
Frequency response	250-4,000 Hz, +0/-3 dB ref. to 1 kHz (below AGC)
Distortion.....	1.5% maximum THD @ 1,000 Hz
Controls	Microphone gain, receiver volume, and sidetone (adjusted through the access holes on rear surface of unit)

Speaker Amplifier

Output.....	Push-pull, Class B, 12 watts min., with nominal supply voltage
Amplifier sensitivity.....	0.5 V ac, at rated output
Frequency response	250-4,000 Hz, +0/-3 dB ref. to 1 kHz
Distortion.....	1% max. THD @ 1,000 Hz, 12 watts
Input impedance	50,000 ohms nominal
Controls	Speaker volume (adjusted through the access hole behind 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 D inches (206 × 206 × 76 mm) behind panel/ 3.5 D inches (89 mm) in front of panel
Net weight.....	4.4 lbs. (2.0 kg)
Shipping weight	5.4 lbs. (2.4 kg)
Approval	NRTL certified for use in US and Canada..... Class I, Div. 2, Groups A, B, C, D, when mounted into a certified GAI-Tronics Model 7245 Amplifier Enclosure