



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model PA250-001 250-Watt Central Amplifier

General Information

This data sheet applies to the Model PA250-001 250-Watt Central Power Amplifier, which is designed for use in public address systems. It can be mounted in standard, commercially available 19-inch racks and cabinets, or placed on a table.

The Model PA250-001 can be connected to 8-ohm speakers via the direct 8-ohm connection, or connected to speakers with variable-impedance, line matching transformers designed to match the amplifier's line output voltage of 25 V or 70.7 V.

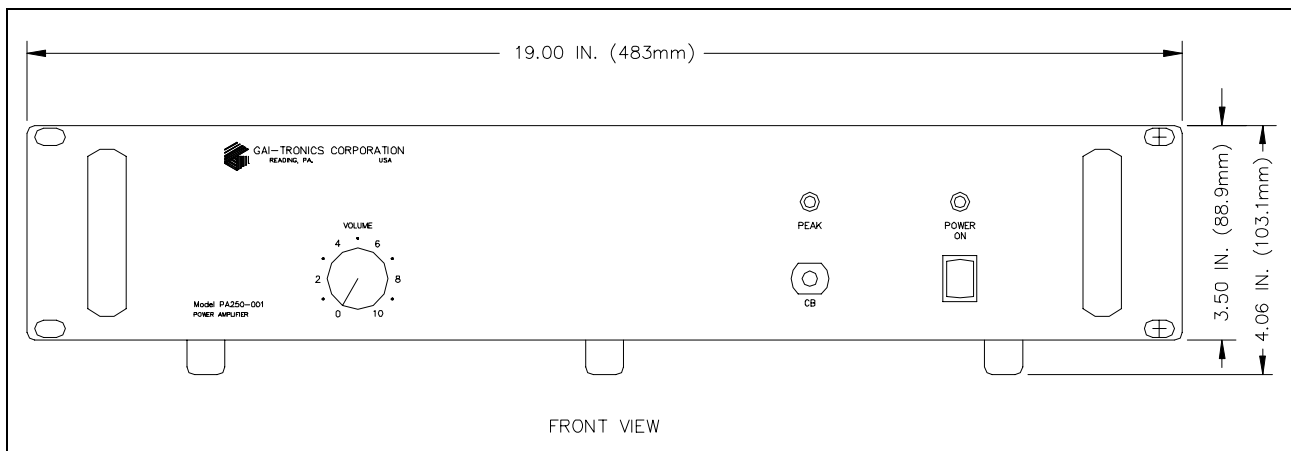


Figure 1. Model PA250-001 Outline – Front View

Features and Functions

- Internal power supply with soft start
- Compact 19-inch rack mountable design (2U {with feet removed})
- Rear-mounted speaker connection terminals for direct 8-ohm bridge output or transformer isolated outputs for 25 V/70.7 V (CLASS 2) line operation
- Separate rear recessed input level control for 600-ohm and Tel-Page terminals
- Automatic voice-activated Hi-Z input muting (user-defeatable)
- Multiple internal protection circuitry, i.e. output DCV sense, output short circuit, thermal runaway, ac main circuit breaker, low voltage power supply fuses.
- Rear mounted, grounded ac convenience outlet (unswitched – 2 A max.)

