

IPA™ -2300

Utility Amplifier

CREST
AUDIO®



Description

The Crest Audio® IPA™-2300 utility amplifier provides installers and contractors the simplest and most efficient solution for background music and paging applications. The IPA-2300 is perfect for grocery stores, restaurants, waiting rooms or any retail space where background music with paging is required.

The IPA-2300 combines a pair of inputs with an efficient Class D 300-watt power amplifier capable of driving a direct low-impedance output or a 25V, 70V or 100V constant voltage output.

The IPA-2300's two inputs provide simple and trouble-free configuration for quick installation and easy operation. Input 1 is an electronically balanced mic or line input via a Euro-style connector. Input 2 is a line level input via dual RCA connectors. The level sensing on Input 1 mutes Input 2 whenever a microphone signal exceeds the adjustable level threshold. The level sensing function can also be defeated to prevent muting of Input 2.

The IPA-2300 is housed in a 2U rack mount chassis and has a voltage selector switch for 120V or 240VAC operation.

Features

GENERAL:

- 300 watt Class D power amplifier
- SPS speaker protection system
- High-pass filter to protect speaker transformers from low frequency overload
- 2U rack-mount chassis

FRONT PANEL:

- Power, signal and SPS indication LEDs

REAR PANEL:

- Input 1 - electronically balanced with mic/line switch and Euro-style connector
- Input 2 – line input via dual RCA connectors
- Input 1 Level sensing mutes Input 2, with threshold/defeat control
- Input level controls
- 4 Ohm, 25V, 70V and 100V outputs.
- Bass and Treble controls
- Power switch
- Line voltage switch for 120V or 240VAC operation



Architect's & Engineer's Specifications

CREST AUDIO® IPA™-2300

The Utility Amplifier shall provide two inputs; Input 1 shall be an electronically balanced, switchable mic/line input via a Euro-style connector, and Input 2 shall be a line-level input via dual RCA connectors. The Utility Amplifier shall provide sensing for Input 1 to allow the microphone signal to trigger muting of input 2 with an associated threshold and defeat control. The Utility Amplifier shall be a Class D 300-watt mono amplifier capable of driving a 4-ohm low impedance output or 25V, 70V or 100V constant voltage outputs. The Utility Amplifier shall be capable of switchable 120V or 240VAC operation, and shall be contained in a 2U rack mount chassis. The Utility Amplifier shall be the Crest Audio IPA-2300 Utility Amplifier.

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