

UA™ -2050

Utility Amplifier

CREST
AUDIO®



Description

The Crest Audio® UA™-2050 utility amplifier provides installers and contractors a cost effective, efficient and inconspicuous solution for background music and paging applications. The UA-2050's small form factor is perfect for mounting under the counters, on the closet walls or on the shelves of retail spaces, restaurants and offices. Despite its convenient size, the UA-2050's features, versatility and power are ideal for any application where background music and paging are required.

The UA-2050 combines a pair of inputs with an efficient Class D 50-watt mono power amplifier capable of driving a direct low-impedance output or 70V or 100V constant voltage output. The amplifier features bass and treble controls to allow equalization for any installation location.

The UA-2050's two inputs provide simple and trouble-free configuration for quick installation and easy operation. Input 1 is a balanced microphone or line input via screw terminal barrier strip connectors. Input 2 is a line level input via dual RCA connectors or unbalanced screw terminals. 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 UA-2050 is housed in a conveniently-sized steel chassis to allow it to be mounted in any location, and has a voltage selector switch for 120V or 240VAC operation.

Features

GENERAL:

- 50 watt Class D mono power amplifier
- 4 Ohm, 70V and 100V outputs
- Small format under-counter, wall or shelf mountable chassis
- Input 1 - balanced with mic/line switch and screw terminal barrier strip connectors
- Input 2 - line input via dual RCA connectors and unbalanced screw terminals
- Input 1 Level sensing mutes Input 2, with threshold/defeat control
- Bass and Treble controls
- Power switch
- Line voltage switch for 120V or 240VAC operation



Architect's & Engineer's Specifications

CREST AUDIO® UA™-2050

The Utility Amplifier shall provide two inputs; Input 1 shall be a balanced, switchable mic/line input via screw terminal barrier strip connectors, and Input 2 shall be a line-level input via dual RCA connectors or unbalanced screw terminals. 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 50-watt mono amplifier capable of driving a 4-ohm low impedance output or 70V or 100V constant voltage outputs. The Utility Amplifier shall be capable of switchable 120V or 240VAC operation, and shall be contained in a small chassis with provision for mounting easily in any location. The Utility Amplifier shall be the Crest Audio UA-2050 Utility Amplifier.

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