

A 4240A - Compact 1RU Public Address Power Amplifier 60W



Overview

These compact 1RU rack mount amplifiers are suitable for both stand alone PA system use, or as zone amplifiers in larger systems requiring local inputs. All models operate on 240V AC or 24V DC for battery backup operation. The input consists of a 3-pin XLR which can be set for either balanced mic level (3mV) or balanced line level (2V), adjusted via a rear mounted trimpot. A dual RCA input is also provided with adjustable sensitivity of either 300mV or 1V. Phantom power is also provided on the input XLR.

The circuit includes protection features in case of output over voltage, over current and over temperature. All are self re-setting once the fault condition is removed. Visual indication via front panel LEDs display amplifier status at all times.

About Redback® PA Products

Redback® products are proudly designed, engineered and manufactured in Australia.

Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 45 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

Key Features

- Australian made
- 10 year manufacturer warranty with local support
- Compact 1RU 19" rack mount design
- Balanced mic or line input
- Phantom power
- Overload limiting
- Over voltage limiting
- Over temperature shut down protection
- On demand fan cooling
- Dual input connectors
- Variable input sensitivities
- 240V AC / 24V DC operation

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Rear Panel

- 1

240V AC Input
- 2

100V Output
- 3

DIP Switch Settings
- 4

Audio Input
- 5

Resettable DC Fuse
- 6

24V DC Input

Specifications

Electrical	
Power output	60 Watts RMS
Distortion	< 0.5% @ 1kHz
Frequency Response	
Mic input	50Hz - 12kHz, -3dB
Line input	50Hz - 15kHz, -3dB
Sensitivity	
Mic input	3mV-2V balanced
Line input	300mV-1V
Signal to Noise Ratio	
Mic input	> 75dB below rated output
Line input	> 81dB below rated output
Output Connectors	
Speakers (100V)	Screw terminals
Input Connectors	
Inputs	3 pin XLR balanced or 2 x RCA
24V DC power	Screw terminals
240V AC power	IEC power connector

Connections

Inputs	Line In
	3 pin XLR (balanced)
Outputs	Speakers
	Screw terminals (100V)