

A 4245A - Compact 1RU Public Address Mixer 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.

All models include a choice of six source options on 2 inputs. Input one 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 is also provided on input one with adjustable sensitivity of either 300mV or 1V. Input two consists of three sets of dual RCA sockets on the rear panel and a 3.5mm jack on the front panel. Auxiliary source inputs are selected via the front panel switch. Input one can be DIP switch selectable to VOX mute input two. Phantom power is also provided on input one XLR. Volume level controls are provided on the front panel for inputs one and two.

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

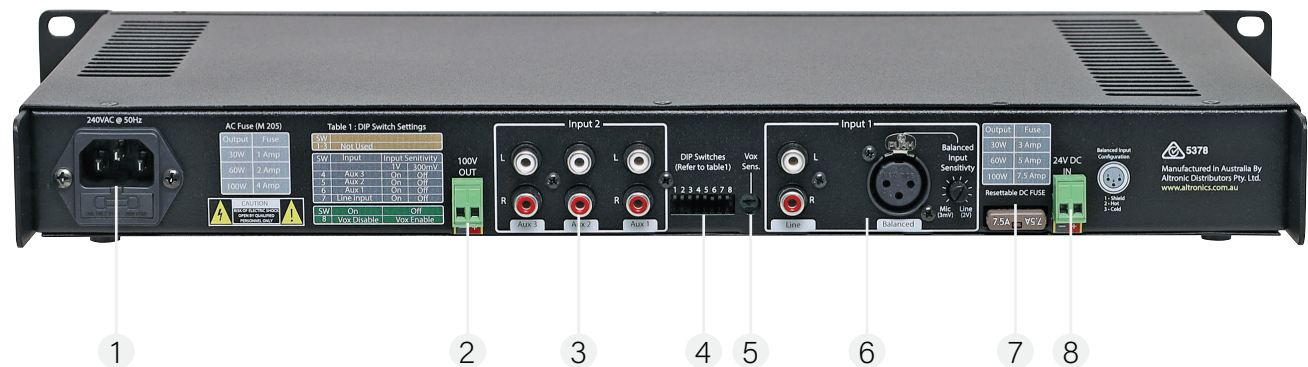
Redback® products are proudly designed, engineered and manufactured in Australia.

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
- VOX muting
- Phantom power
- Four auxiliary inputs
- 3.5mm Jack Input (Front Mounted)
- Overload limiting
- Over voltage limiting
- On demand fan cooling
- Over temperature shut down protection
- 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

Input 2
- 4

DIP Switch Settings
- 5

Vox Sensitivity
- 6

Input 1
- 7

Resettable DC Fuse
- 8

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
Aux inputs	300mV - 1V
3.5mm input	600mV
Signal to Noise Ratio	
Mic input	> 75dB below rated output
Line input	> 81dB below rated output
Output Connectors	
Speakers	Screw terminals
Input Connectors	
Input 1	3 pin XLR balanced or 2 x RCA
Input 2	3 x RCA and 3.5mm Jack
24V DC power	Screw terminals
240V AC power	IEC power connector

Weight
≈ 5.4kg
Dimensions
≈ 483W x 210D x 44H
Current Draw
Min ≈ 170mA
Max ≈ 4.5A