

**Product Guide****A 4264** 4 x 60W 100V Public Address Power Amplifier

# A 4264 4 x 60W 100V Public Address Power Amplifier



## Overview

Excellent for multizone public address paging and background music systems.

Engineered to meet the growing demands of venues such as RSL clubs, taverns, hotels, conference & function centres enabling individual program sources to play to different rooms simultaneously. This unique amplifier houses 4 independent 60W power amplifiers together in one compact 2RU 19" chassis. Inputs, outputs and volume controls are rear panel mounted thus preventing unauthorised use or misuse. Three state LED indicator for each channel displays "normal", "fault" or "over current" conditions.

### High Performance

Frequency response extends from 50Hz to 15kHz at a total harmonic distortion (THD) of less than 0.5%. Output is 100V line.

### Protection Features

Fitted with in-built thermal overload shutdown, over current and short circuit protection for reliable operation in all conditions.

## Key Features

- ✓ Compact design incorporates 4 independent amplifiers
- ✓ Output peak limited
- ✓ 19" Rack mount
- ✓ 3 Pin XLR inputs
- ✓ Rear mounted level controls
- ✓ Output terminals for 100V line
- ✓ Thermal and overload protected
- ✓ 240V AC and 24V DC operation
- ✓ Australian designed & assembled

## About Redback® Public Address Amplifiers

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

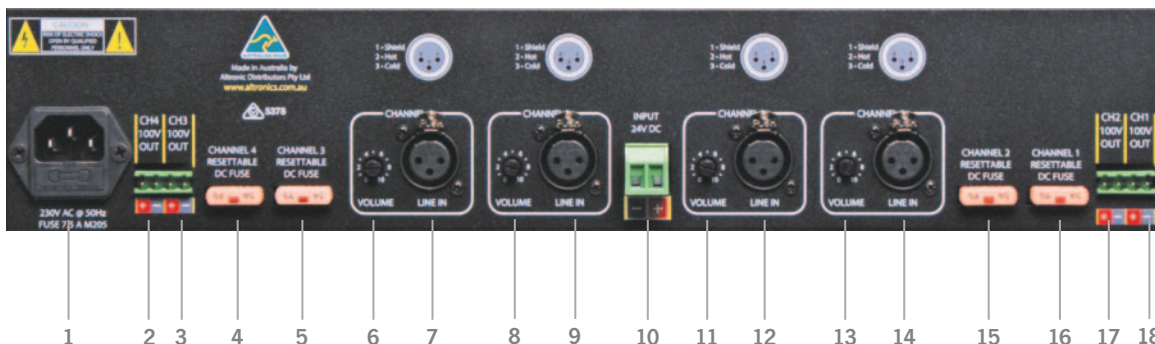
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

## Product Guide

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### Rear Panel



1	240V AC input	7	XLR 3 pin balanced (line 4)	13	Volume adjust (input 1)
2	100V line terminal (line 4)	8	Volume adjust (input 3)	14	XLR 3 pin balanced (line 1)
3	100V line terminal (line 3)	9	XLR 3 pin balanced (line 3)	15	DC fuse (line 2)
4	DC fuse (line 4)	10	24V DC input terminals	16	DC fuse (line 1)
5	DC fuse (line 3)	11	Volume adjust (input 2)	17	100V line terminal (line 2)
6	Volume adjust (input 4)	12	XLR 3 pin balanced (line 2)	18	100V line terminal (line 1)

### Specifications

#### Electrical

Power output:	4 x 60 watts RMS
Distortion:	< 0.5% @ 1kHz
Output line:	100V line
Signal to noise ratio	Typically 75dB below rated output.
Frequency response:	50Hz - 15kHz, -3dB
Input sensitivity:	500mV
Power supply:	240V AC or 24V DC
Current draw:	680mA standby, 18A full load
240V AC power:	IEC power connector
24V DC power	Screw terminal
Protection:	7.5A AC, 4A DC fuse per channel
LED indicators:	Normal, Overload, Power

#### Controls

Volume 1:	Controls line 1
Volume 2:	Controls line 2
Volume 3:	Controls line 3
Volume 4:	Controls line 4
Power:	On/Off switch

#### Mechanical

Dimensions:	423W x 330D x 88H mm
Weight:	≈20kg

### Connections

Inputs	<b>Line 1-4</b>
	3 pin XLR female (balanced)
Outputs	<b>Speakers</b>
	Screw terminals for 100V line

### Architect Specifications

#### A 4264

The amplifier unit shall consist of 4 independent amplifiers housed in the same chassis. Each amplifier shall have a power output of 60 watts RMS. Each amplifier shall have a balanced 3 pin XLR line input. Frequency response shall be 50Hz – 15 kHz (-3dB).

A separate volume control for each amplifier shall be positioned on the rear panel. The front panel shall have, for each amplifier, a tri-colour LED to show, power, fault and overload indication.

The unit shall operate from 240V AC or 24V DC. The power supply shall be common to each amplifier with AC fuse protection and individual DC fuse for each amplifier. It shall have thermally cued fan cooling.

Each amplifier shall have be capable of delivering full power of 100V RMS into a 167 ohm (60W) inductive load with less than 0.5% distortion measured at 1kHz and with a signal to noise ratio of less than 75dB below rated output. The output power of each amplifier shall be peak limited.

Individual speaker outputs shall be 100V provided via screw terminals for each amplifier.

The amplifier shall be housed in a high quality 2RU metal chassis suitable for rack mounting.

The amplifier shall be a REDBACK PHASE 4 model A 4264.