

Product Guide**A 4017** 15W Public Address Amplifier

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Overview

Super compact with surprising performance specifications, intended for smaller PA system applications. Our engineering team based the design around a National TDA1519 monolithic IC achieving virtually "destruction proof" operation under quite severe misuse such as over temperature, over voltage, over load and short circuit speaker line conditions. The amplifier is extremely stable even where microphone (balanced line) and speaker cables are run together for long distances. Suitable as a stand alone desk/bench unit or rack mount with optional hardware. Up to 2 units can be accommodated side by side in 1RU of rack space (44mm high). Powered by 12-14V DC, making it well suited for use in tour buses and mobile installations. Includes plugpack.

Key Features

- ✓ **Australian made**
- ✓ **10 year manufacturer warranty with local product support**
- ✓ 15W RMS output
- ✓ Headphone socket on rear panel
- ✓ 1 balanced XLR and unbalanced jack mic input
- ✓ Selectable phantom power on mic input
- ✓ 1 auxiliary input
- ✓ Music input on front panel
- ✓ 4-16Ω Output
- ✓ Selectable Aux Input Sensitivity
- ✓ 12V DC operation (includes power supply)

About Redback® Public Address Amplifiers

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

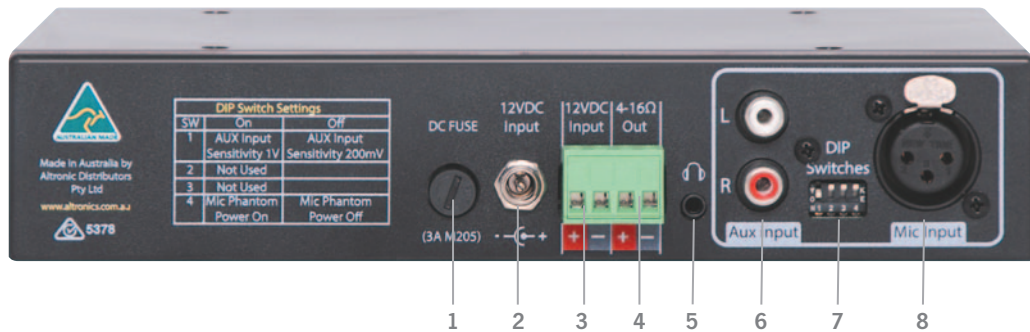
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

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Rear Panel



1	DC fuse (3A M205)	4	Speaker connection (4-16Ω)	7	DIP switch settings (input sensitivity)
2	12V DC Input (2.1mm)	5	3.5mm headphone socket	8	XLR balanced mic input
3	12V DC Input (screw terminal)				

Specifications

Electrical

Power output:	15 watts RMS
Distortion:	< 3% @ 1kHz
Output line:	4 - 16Ω
Signal to noise ratio	Typically > 75dB
Frequency response mic :	50Hz - 10kHz, -3dB
Frequency response line:	50Hz - 15kHz, -3dB
Mic 1 sensitivity:	1.5mV balanced / unbalanced
Line inputs sensitivity:	500mV
12V DC power:	2.1mm DC jack or screw terminals
Power supply:	12V DC
Protection:	3A DC fuse
Indicators:	Power

Controls

Mic:	Volume
Aux:	Volume

Mechanical

Dimensions:	210W x 130D x 44H mm
Weight:	≈300g

Connections

	Mic	Aux
Inputs	6.35mm (unbalanced) 3 pin XLR fem. (balanced)	RCA Stereo
Outputs	Speakers Screw terminals for 4–16Ω stereo speakers	Headphones 3.5mm Phono