

Product Guide**A 4020A** 30W Public Address Amplifier

A 4020A 30W Public Address Amplifier

**Overview**

Designed to meet the requirements of small to medium sized professional public address installations, delivering an output power of 30W RMS. Frequency response extends from 40Hz to 10kHz at a total harmonic distortion (THD) of less than 0.5%. 100V line output only. This unit includes thermal overload shutdown, over current and short circuit protection. With one balanced microphone and two stereo line inputs, with recessed treble and bass controls, it's perfect for installations requiring minimal inputs. Variable sensitivity VOX circuit on input 1 mutes input 2.

Mic Input

A balanced 3 pin XLR is provided on the rear panel

Aux Input

Dual RCAs are provided on the rear panel.

Protection Features

Fitted with standard M205 fuses on both the AC 240V input and the 12V DC rail.

Key Features

- ✓ Australian made
- ✓ 10 year manufacturer warranty with local product support
- ✓ 30 Watts RMS
- ✓ One balanced XLR mic input
- ✓ Two line inputs
- ✓ Output terminals for 100V line
- ✓ Tamper proof vox mute, bass and treble adjustment controls
- ✓ 240V AC or 12V DC operation
- ✓ Phantom power

About Redback® Public Address Amplifiers

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

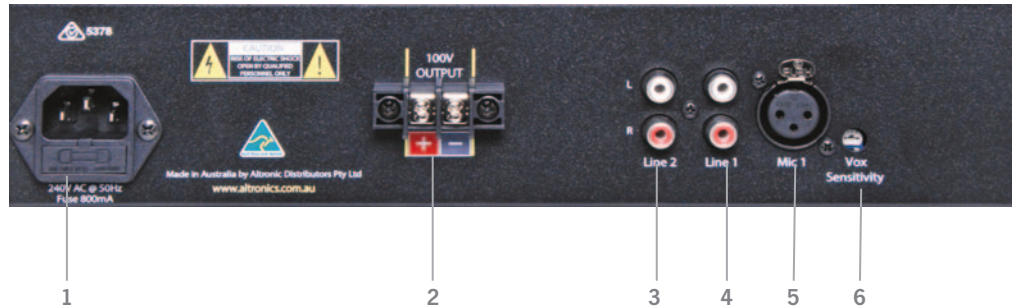
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

Product Guide

A 4020A 30W Public Address Amplifier



Rear Panel



1	240V AC input	4	RCA stereo line (input 1)
2	100V line speaker terminals	5	XLR 3 pin balanced (input 1)
3	RCA stereo line (input 2)	6	VOX mute sensitivity adjustment

Specifications

Electrical

Power output:	30 watts RMS
Distortion:	< 0.5% @ 1kHz
Output line:	100V
Signal to noise ratio	Typically > 75dB
Frequency response mic :	52Hz - 10kHz, -3dB
Frequency response line:	40Hz - 10kHz, -3dB
Mic 1 sensitivity:	2.6mV balanced
Line inputs sensitivity:	150mV
240V AC power:	IEC power connector
Power supply:	240V AC
Protection:	800mA AC and 3A x 2 DC fuse
Indicators:	Power

Controls

Volume 1:	Controls mic 1 / line 1
Volume 2:	Controls line 2
Bass:	±10dB @ 100Hz
Treble:	±13dB @ 10kHz
VOX mute sensitivity	Adjustment
Power:	On/Off switch

Mechanical

Dimensions:	300W x 220D x 74H mm
Weight:	≈4.8kg

Connections

Inputs	Mic	Line 1-2
	3 pin XLR fem. (balanced)	RCA Stereo (Bridged mono)

Outputs	Speakers
	Screw terminals for 100V line



Made in Australia by Altronic Distributors Pty. Ltd.

Ph: 1300 780 999 Fax: 1300 790 999 Internet: www.altronic.com.au

© 2014 Altronic Distributors Pty. Ltd. Specifications subject to change without notice. E&OE. Revision date: 01/10/2014.