

## A 4037 - Phase5 40W 3 Input 100V Public Address Amplifier



### Overview

Designed to meet the requirements of medium sized professional public address installations, delivering an output power of 40W RMS. Frequency response extends from 60Hz to 15kHz at a total harmonic distortion (THD) of less than 0.5%. Features include, VOX muting, three balanced XLR microphone inputs, three line RCA inputs, bass and treble controls, enabling a diversity of installation applications, including schools, public halls, workshops and sporting complexes. Inbuilt VOX muting allows input 1 (mic or line) to mute inputs 2-3 and input 2 (mic or line) to mute input 3.

Powered from 240V AC mains or 24V DC permitting battery backup operation during mains power failure. Output is 100V line only. All units feature thermal overload shutdown to protect the amplifier if a speaker fault condition develops.

#### A 4573 Alert/evac option board

When fitted, generates pre chime, bell, alert and evacuation tones. The alert tone can function continuously, or switch to evac tone after a preset time delay (adjustable 30 seconds to 4.5 minutes). Simply connects to the amplifier internally via the cable provided.

#### A 4373 Digital remote volume option board

When fitted and used in conjunction with A 2280B wallplate to provide remote volume level adjustment. Ideal for situations where the amplifier is located in a remote rack.

### About Redback® PA Products

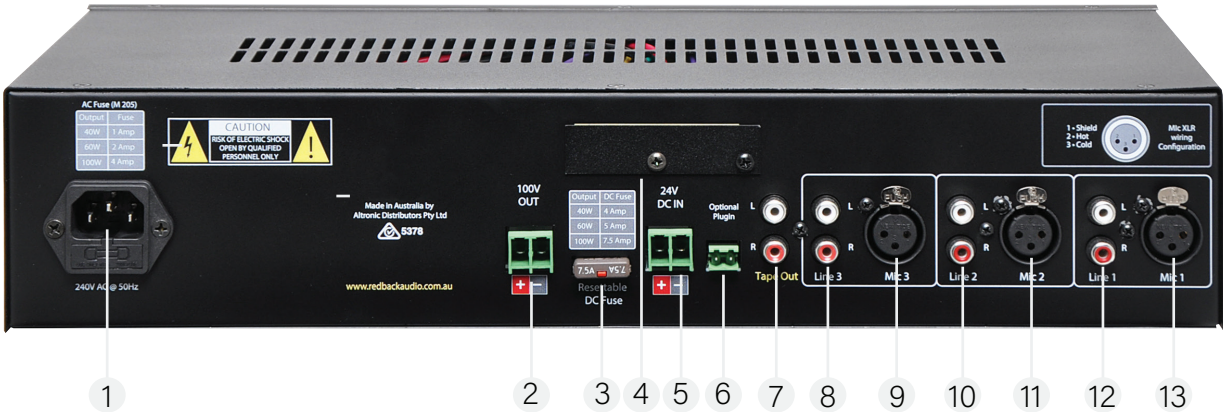
**Since 1974 Redback® products have been proudly designed, engineered and manufactured in Australia.**

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
- 3 balanced microphone inputs
- Phantom power on mic inputs
- 3 line inputs
- 19" rack mount kit included
- VOX muting
- Tape output RCA sockets
- Bass and treble tone controls
- 100V line output
- 240V AC or 24V DC operation
- Built in short circuit protection
- Optional evac module available
- Optional remote volume module

**A 4037 - Phase5 40W 3 Input 100V Public Address Amplifier**



**Rear Panel**

- |                         |                       |                              |                               |
|-------------------------|-----------------------|------------------------------|-------------------------------|
| 1 240V AC input         | 5 24V DC input        | 8 RCA stereo input (line 3)  | 11 XLR 3 pin balanced (mic 2) |
| 2 100V line terminals   | 6 Remote volume input | 9 XLR 3 pin balanced (mic 3) | 12 RCA stereo input (line 1)  |
| 3 DC blade fuse         | 7 RCA stereo tape out | 10 RCA stereo input (line 2) | 13 XLR 3 pin balanced (mic 1) |
| 4 A 4573 expansion port |                       |                              |                               |

**Specifications**

Electrical	
Power Output	40W RMS
Distortion	<0.5% @ 1kHz
Signal to noise ratio	Typically 75dB below rated output. All
Mic inputs	inputs
Line inputs	50Hz - 10kHz, -3dB
Output line	60Hz - 15kHz, -3dB
Mic 1-3	100V
Line input 1	3mV
Current draw	-3: 300mV
Protection	220mA Standby, 3A Full @ 24V DC
Power supply	1A AC fuse and 4A DC fuse
	240V AC or 24V DC
Connectors	
Speakers	Screw terminals
Mic 1-3	3 pin XLR balanced
Line input 1-3	RCA stereo socket
24V DC power	Screw terminals
240V AC power	IEC power connector
VOX muting	60dB below rated output
Remote volume	Screw terminals
Controls	
Mic inputs	Volume
Line inputs	Volume
Bass	±10dB @ 100Hz
Treble	±13dB @ 10kHz
Power	On/off switch
Indicators	Power, Overload

Mechanical	
Weight	71kg
Dimensions	423W x 225D x 88H mm

**Connections**

Inputs	Mic 1-3	Line 1-3
	3 pin XLR fem. (balanced)	Stereo RCA
Outputs	Speakers	Tape Out
	Screw terminals for 100V line	Stereo RCA