



## Redback® Phase5 40 / 60 / 100 Watt 100V Public Address Amplifiers

Designed to meet the requirements of medium sized professional public address installations, delivering an output power of 40W, 60W and 100W RMS respectively. 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.

### Features:

- 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
- 10 year warranty
- Optional evac module available
- Optional remote volume module
- Australian designed & assembled



Price Each	RRP	2+
A 4037 40 Watt amplifier	605.00	559.00
A 4043 60 Watt amplifier	685.00	645.00
A 4047 100 Watt amplifier	779.00	735.00
A 4573 Alert/Evac option	139.00	120.00
A 4373 Remote volume module	91.95	
A 2280B Remote volume wallplate	28.25	



### SPECIFICATIONS Measurements referenced to 1kHz.

#### Power Output

A 4037:	40 watts RMS
A 4043:	60 watts RMS
A 4047:	100 watts RMS
Distortion:	< 0.5% @ 1kHz

#### Signal to Noise Ratio

Typically 75dB below rated output. All inputs.

#### Frequency Response

Mic inputs:	50Hz - 10kHz, -3dB
Line inputs:	60Hz - 15kHz, -3dB
Output line:	100V

#### Input Sensitivity

Mic 1-3:	3mV
Line inputs 1-3:	300mV

#### Output Connectors

Speakers:	Screw terminals
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#### Input Connectors

Mic 1-3:	3 pin XLR balanced
Line inputs 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
Power supply:	240V AC or 24V DC

#### Current Draw

A 4037:	220mA Standby, 3A Full @ 24V DC
A 4043:	220mA Standby, 4.5A Full @ 24V DC
A 4047:	220mA Standby, 7A Full @ 24V DC

#### Protection

A 4037:	1A AC fuse and 4A DC fuse
A 4043:	2A AC fuse and 5A DC fuse
A 4047:	4A AC fuse and 8A DC fuse

#### Weight / Dimensions

A 4037:	≈7.1 kg
A 4043:	≈7.4kg
A 4047:	≈9kg
Dimensions:	≈423W x 225D x 88H mm
Colour:	Black

## Australian Made Since 1974.

You may be surprised to learn that Altronics is still manufacturing hundreds of product lines right here in Australia. We have resisted the move offshore by offering our customers better quality products with innovations to save them time and money. Our Perth production facility manufactures/assembles:

- Redback public address products • One-shot speaker & grill combinations • Dynalink installer wallplates
- DIY enthusiast electronic kits • 19 inch rack frame products

We strive to support local suppliers wherever possible in our supply chain, helping Australia's manufacturing industry.

