



Redback® Phase5 125 & 250 Watt 100V Public Address Mixer Amplifiers

Designed for applications requiring up to three microphone inputs, without compromising output power and overall performance. Each model features three inputs which can be configured for either microphone or line level operation. A 4377 and A 4387 conservatively deliver 125W and 250W RMS power respectively. Frequency response extends from 50Hz to 12kHz ±3dB at a total harmonic distortion (THD) of less than 0.5% @ 1kHz. Adjustable vox muting is provided on inputs one and two, which, when activated, automatically mutes the other inputs.

Bass/treble controls and phantom powering capability enable unparalleled flexibility for a wide scope of applications such as factories, workshops, mine sites, sports clubs and office buildings.

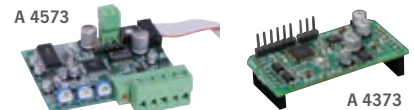
Both operate from 240V AC mains or 24V DC permitting battery backup operation during mains power failure. Output is 100V line only. Thermal, over current & over load protection circuitry and fuses on both AC and DC provide excellent fault condition protection and robust performance. Tape output sockets are provided for recording purposes or feeding into additional power amplifiers.

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

- Multi-stage thermally cued fan cooling
- 2U 19" rack mount (with optional A 4376)
- Tape record out terminals
- Optional alert, evac/chime tone generator (A 4573)
- 3 mic input and 4 auxiliary inputs
- Phantom powering available on all inputs
- Adjustable vox muting on inputs 1 & 2.
- Bass and treble tone controls
- Terminals for 100V line output
- 240V AC or 24V DC power operation
- Thermal & fuse overload protection
- Built in short circuit protection
- Australian designed & assembled



Price Each		RRP	2+
A 4377	125 Watt Amplifier	1025.00	969.00
A 4387	250 Watt Amplifier	1145.00	1089.00
A 4376	19" Rack Mount Ears	46.25	40.25
A 4373	Remote volume module	91.95	
A 2280B	Remote volume plate	28.25	
A 4573	Alert/Evac option	139.00	120.00



SPECIFICATIONS Measurements referenced to 1kHz.

A 4377:	125 watts RMS
A 4387:	250 watts RMS
Distortion:	< 0.5%, @ 1kHz
Output line:	100V
Line output:	Tape out 10KΩ RCA
Input frequency resp.	50Hz - 12kHz, -3dB
Mic inputs sensitivity:	3mV balanced
Line inputs sensitivity:	1V (3.5mm jack 500mV)
Signal To Noise Ratio (Limiting by-passed)	
Mic inputs:	> 75dB below rated output
Line inputs:	> 81dB below rated output

Output Connectors

Speakers:	Pluggable screw terminal
Line out:	Tape out RCA

Input Connectors

Inputs:	3 pin XLR balanced or 2 x RCA
24V DC power:	Screw terminals
240V AC power:	IEC power connector
Muting:	VOX muting (input 1-2)
Controls	
Mic/line inputs & master:	Volume
Bass & treble:	±10dB @ 100Hz
Vox:	Mute sensitivity

Power Supply

Input:	240V AC or 24V DC
A 4377 Current Draw:	350mA Standby, 8A Full @ 24V DC
A 4387 Current Draw:	350mA Standby, 17A Full @ 24V DC

Protection

A 4377:	5A AC , 10A DC
A 4387:	7.5A AC , 20A DC

Dimensions

All models:	≈483W x 330D x 88H
Weight	
A 4377:	≈14.5kg
A 4387:	≈19.5kg

Redback® 24-28V DC, 100V Line Power Amplifier Modules

Designed for use in emergency evacuation systems and powered by an external 24-28V DC source. Input is line level audio and output is 100V line. Features short circuit, overload, thermal cutout protection and steel chassis construction enabling the modules to be direct mounted in fire alarm or emergency evacuation panels.

- Features**
- Powered by 24-28V DC
 - 100V line audio output
 - Line level audio input
 - Short circuit, overload and thermal cutout protection
 - Bolt-in chassis construction



SPECIFICATIONS	A 1922 60W	A 1932A 120W	A 1937 250W
Output power:	60W RMS	120W RMS	250W RMS
Current draw:	3.8A full @ 24V DC 100mA standby	8A full @ 24V DC 220mA standby	17A full @ 24V DC 360mA standby
Freq. response:	45Hz - 12kHz	50Hz - 13kHz	40Hz - 13kHz
Distortion:	< 0.3%	< 0.6%	< 0.6%
SNR:	-94dB	-91dB	-91dB
Sensitivity:	600mV RMS	600mV RMS	600mV RMS
Protection (DC):	4A	7.5A	20A
Dimensions:	210Wx170Dx85H	210Wx170Dx85H	300Wx240Dx95H

Price Each		RRP	2+
A 1922	60 Watt amplifier	359.00	319.00
A 1932A	120 Watt amplifier	390.00	375.00
A 1937	250 Watt amplifier	665.00	599.00