

Professional Audio » Redback® Amplifiers



Redback® 4 Zone 125 & 250 Watt 100V Public Address Mixer Amplifiers

Similar in functionality to the recently released A 4377/A4387 amplifiers with the addition of four 100V line output zones. During normal use, you are able to select via the front panel switches, any zone on or off to control BGM programming. Remote paging to each zone is made possible by connecting the A 4488 paging console to the amplifier via Cat6 cable (2 consoles @ max 300m). This allows for paging to selected zones or all call, muting BGM to all zones. At the completion of the announcement, music will be restored to previously selected zones. BGM can also be selected on or off to all zones remotely from the A 4488 paging console. When using the paging console, these microphones assume priority between input 1 and input 2 on the amplifier. If two consoles are connected, they operate on a first in, first served basis, activating a system busy indicator on the inoperative console.

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



A 4488

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| Power output: | A 4270: 125W, A 4280: 250W |
| Distortion: | <0.5% @ 1kHz |
| Output line: | 100V |
| Frequency response: | 50Hz - 12kHz, -3dB |
| Line inputs: | 300mV |
| Mic line sensitivity: | 3mV balanced |
| Mic input: | >75dB below rated output |
| Line inputs: | >81dB below rated output |
| Speaker connection: | Pluggable terminals |
| Power connection: | IEC or 24VDC pluggable terminal |
| Audio inputs: | 3 pin XLR, stereo RCA, 3.5mm jack |
| Controls: | Volume (3), Bass, Treble, Master, Zone Selection (4) |
| Bass adjustment: | ±10dB @ 100Hz |
| Treble adjustment: | ±10dB @ 10kHz |
| Indicators: | Power, 24VDC, Fault, Peak Limit, Over Load, Paging Active |
| Fuse protection: | 7.5A AC, 10A DC |
| Power: | 240V AC or 24V DC (nominal) |
| Dimensions: | 483 x 270 x 88mm |



Redback® 500 Watt 100V Public Address Mixer Amplifier

The Redback A 4395 is a 500 Watt mixer amplifier for installations requiring a high power amplifier. Ideally suited for use in shopping centres, pedestrian precincts, public transport facilities and convention centres.

The amplifier has two audio inputs, with input 1 either a balanced XLR input or dual RCA line input, and input 2 a dual RCA. There is also a music input on the front of the amplifier for connection of portable devices. This input when connected, over-rides the rear input 2 audio source and is adjusted via the volume 2 level control.

A VOX circuit with front panel sensitivity adjustment, allows input 1 to mute input 2. Phantom power (15 volts) is available at the 3 pin XLR on input 1 and both inputs 1 and 2 have adjustable input sensitivities. The amplifier has a host of protection circuitry including over current, over voltage and short circuit protection.

Features

- Robust design incorporating latest Mosfet technology
- Very low noise and distortion
- 70V, 100V and 4-16Ω outputs
- 240V AC or 24V DC operation
- 24V DC @ 1 Amp output for external devices
- Adjustable input level sensitivities
- Bass and treble controls
- Phantom power on microphone input (XLR input 1)
- Multi stage thermally cued fan cooling
- Output peak limited
- Thermal overload protected
- Signal presence indicators
- Fault indicators
- Power status indicators
- Rack mountable (suits 19" racks)

Measurements referenced to 1kHz.

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| Power output: | 500 watts RMS |
| Distortion: | < 0.5%, @ 1kHz |
| Output line: | 70V, 100V or 4 - 16Ω |
| Mic input: | 50Hz - 12kHz, -3dB |
| Line inputs: | 50Hz - 15kHz, -3dB |
| Mic line sensitivity: | 100mV or 1V |
| Mic input: | > 75dB below rated output |
| Line inputs: | > 81dB below rated output |
| Speaker connection: | Screw terminals |
| Power connection: | 240V AC IEC, 24V DC screw term. |
| Audio inputs: | 3 pin XLR balanced or dual RCA |
| Controls: | Mic volume, line volume |
| Bass adjustment: | ±10dB @ 100Hz |
| Treble adjustment: | ±10dB @ 10kHz |
| Indicators: | Power, signal present, output peak, limiting, overtemp, current limit. |
| Fuse protection: | 10A AC, 20A DC |
| Power: | 240V AC or 24V DC |
| Dimensions: | 483W x 410D x 88Hmm |

