

Product Guide**A 4435** Professional 4 Channel Mixer With Message Player

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Overview

This unique Redback PA mixer features four input channels which are user selectable for either balanced mic, line or auxiliary use. In addition it incorporates a four channel SD card based message player making it an excellent choice for retail, supermarkets, hardware stores and more. The mixer could be used for general paging and BGM applications, and the message player for customer service applications, in-store advertising or for pre-recorded commentary at galleries, display stands etc.

The message player and each input all have individual level, treble and bass controls. Vox muting is provided for channels one and two with front panel adjustable sensitivity. The message player has priority and slots in between input one and two. Custom messages, tones and music may be loaded onto the message player SD card. The messages are activated by a closing set of contacts. If input one is active when a message contact is closed, the message is queued and played once input one is no longer in use. Messages are played on a first in, best dressed (FIBD) basis, and will also be queued if one message is playing and another is activated. Input four is also fitted with a 3.5mm jack input for connection to a smartphone/tablet as an audio source. When connected, this overrides any source connected to input 4 on the rear panel. Each input has a 3 pin XLR (2mV) and stereo RCA socket with adjustable sensitivity settings. These can be set 100mV or 1V for the stereo RCAs. Message player contacts are provided via pluggable screw terminals. 24V DC operation from the included power supply or battery backup.

Inputs

Each microphone input incorporates a 3 pin balanced XLR socket on the rear panel with internally selectable phantom powering. An additional socket is provided on the front panel for input 1. Auxiliary inputs are stereo and use dual RCA sockets. A 3.5mm stereo jack socket is also provided for auxiliary input 1 on the front panel, suitable for the output of an MP3 player/iPod® or similar.

Outputs

RCA sockets are provided for left and right line level with 3 pin XLR sockets for left and right 600Ω balanced outputs. Variable mute adjustment is provided for each

Key Features

- ✓ Four input channels
- ✓ SD card message player for audio announcements
- ✓ Individual level, bass and treble control on all inputs
- ✓ 3.5mm music input
- ✓ Adjustable input sensitivity on mic or line
- ✓ 24V DC battery back up terminals
- ✓ Four sets of closing contacts for message triggering
- ✓ 24V DC switched output
- ✓ Message active indicators Adjustable Vox sensitivity
- ✓ Australian designed & assembled
- ✓ 10 year warranty

About Redback® Public Address Amplifiers

Redback® mixers 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.

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Rear Panel



1	240V AC input	5	Master volume control	9	RCA stereo Aux 2 input
2	Mute switch input	6	Mute level adjust 2	10	RCA stereo Aux 1 input
3	XLR 3 pin balanced (Master Output)	7	Mute level adjust 1	11	XLR 3 pin balanced mic 2 input
		8	VOX mute sensitivity adjust	12	XLR 3 pin balanced mic 1 input

Specifications

Electrical

Input 1-2:	6 mic - balanced 200-600Ω
Input 3-4:	2 line unbalanced 100kΩ
Output:	Stereo 600Ω balanced 0dBm Stereo unbalanced
Distortion:	less than 0.3%
Frequency Response:	Mic 30Hz - 15kHz, Line 18Hz - 23kHz
Signal to Noise Ratio:	-78dB
Sensitivity:	Mic 1.5mV, Line 400mV
Phantom Power:	Nominal 12V DC

Connectors

Output:	Stereo 3 pin XLR balanced RCA Stereo
Mic Inputs:	3 pin XLR balanced 6.35mm balanced (Front panel)
Line Inputs:	RCA stereo sockets Stereo 3.5mm socket (Front Panel)

Controls

Master:	(Volume Back panel)
Mic and Line inputs:	Volume
Bass:	±12dB @ 100Hz
Treble:	±13dB @ 10kHz
Indicators:	Power on LED
Power Supply:	240V AC or 24V DC (via 2.1mm DC socket)
Protection:	0.5A fuse

Mechanical

Dimensions:	482W x 152D x 44H mm
Weight:	≈3.0kg

Connections

Inputs	Mic 1-2	Line 3-4
	3 pin XLR fem. (balanced) 6.35mm (balanced)	Stereo RCA 3.5mm Stereo
Outputs	Master	Aux Out
	3 pin XLR male (balanced)	Stereo RCA