

Product Guide**A 4427** 8 Channel Public Address Mixer With Tone Generator**A 4427** 8 Channel PA Mixer With Tone Generator**Overview**

An evolution of our PA mixer series, the A 4427 combines 8 channels of audio with an MP3 based tone generator for alert, evacuation, chime and pre-recorded voice over message alerts. Six audio channels can be selectable for either balanced mic or line. These are connected via stereo RCA (line) or pluggable screw terminals (balanced). Two audio channels are dedicated RCA inputs, plus a 3.5mm jack input on the front panel for connection to local audio/music sources.

Tone Generator Operation.

Tones, chimes and pre-recorded messages are played from the micro SD card which plugs into the rear panel of the mixer. Individual level controls are provided for alert/evac, chime and voice over. All of these can be triggered by closing contacts such as switches, from Fire Indicator Boards (FIB) or any other remote contact source.

Adjustable Input Sensitivities.

On the rear panel a DIP switch allows selection of input sensitivity between 3mV, 100mV and 1V, plus phantom power and VOX muting options for each of the inputs.

Power

The mixer is powered by 24V DC and is provided with a 2.1mm DC jack input and a back up 24V DC power source via screw terminal block for use when mains power fails.

A 24V DC output is provided (limited to 120mA current draw) which activates when any of the Alert, Evacuation or Chime triggers are operated. It also activates when VOX circuits or any of the PTT muting is activated.

Key Features

- ✓ **Australian made**
- ✓ **10 year manufacturer warranty with local product support**
- ✓ Eight input channels
- ✓ Micro SD card message player for audio announcements
- ✓ Individual level, bass and treble control on all inputs
- ✓ Six levels of VOX priority
- ✓ Adjustable VOX sensitivity
- ✓ 3.5mm music input
- ✓ Adjustable input sensitivity on line inputs
- ✓ 24V DC battery back up terminals
- ✓ In built Alert/Evac/Chime functionality
- ✓ 24V DC output
- ✓ MP3 active indicator
- ✓ LED VU meter

About Redback® Public Address Products

Redback® products are proudly designed, engineered and manufactured in Australia.

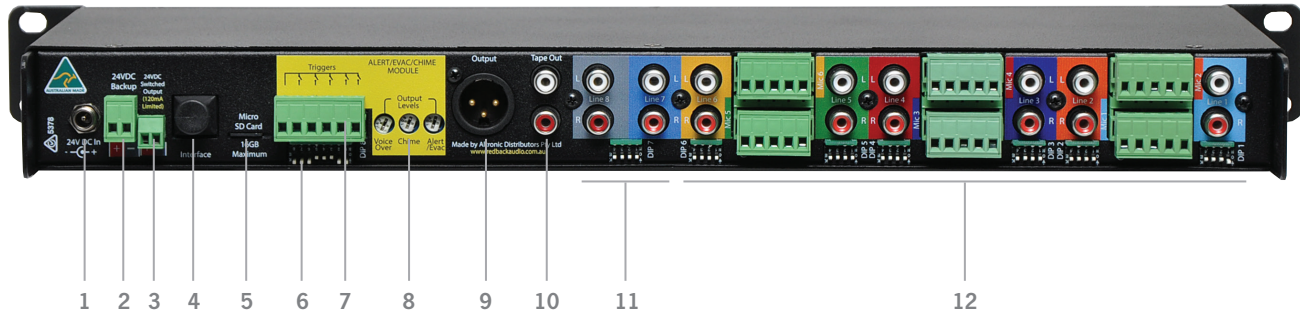
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 40 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

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Rear Panel



1	24V DC input	5	Micro SD card (MP3 tones)	9	Balanced XLR output
2	24V DC input (battery backup)	6	DIP switch (tone play mode settings)	10	Tape out
3	24V DC output	7	Tone trigger contacts	11	Line inputs (channel 7 & 8)
4	RJ45 interface port (unused)	8	Tone level controls	12	Line / balanced inputs (ch. 1-6)

Specifications

Electrical

Output Level:	0dBm
Distortion:	0.01%
Frequency Response:	140Hz - 20kHz
Mic input sensitivity:	3mV balanced,
Line input sensitivity:	100mV-1V
Power Supply:	24V DC

Connectors:

Line out:	3 pin XLR balanced or 2 x RCA
Switched out:	Screw terminals
Inputs:	3 pin XLR balanced or 2 x RCA, 3.5mm stereo jack front panel
24V DC power:	Screw terminals
24V DC Power:	2.1mm DC Jack
Remote triggers:	Screw Terminals

Controls:

Power:	Standby Switch
Bass:	±10dB @ 100Hz
Treble:	±10dB @ 10kHz
Master:	Volume
Inputs 1-4:	Volume
Indicators:	Power on, MP3 error, MP3 active, Signal Present, VU Meter

Mechanical:

Dimensions:	482W x 175D x 44Hmm
Weight:	2.1kg
Colour:	Black



Made in Australia by Altronic Distributors Pty. Ltd.

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