

Product Guide**A 4450** 4x4 Audio Source Matrix Mixer Switch + Wallplates + Paging Console

A 4450 4x4 Audio Source Matrix Mixer Switch

**Overview**

Feature packed yet simple to set up and use, this mixer pairs with easy to use wallplate controllers. With 4 inputs selectable to up to 4 zones it is ideally suited to gyms, cafes, restaurants, small clubs and function centres.

Designed with end users in mind, this complete audio source controller for buildings and venues provides source selection and level control from remotely located wallplate controllers located up to 300m from the main unit. Multiple inputs can be selected/mixed to a zone as desired. The controller offers a visual indication of which input is selected to which output on the front panel LCD and illuminated controls.

It accepts both balanced mic (pluggable screw terminals) and line level signals (stereo RCA) for four audio sources and switches them to matching individual zone outputs. Any or all inputs can be switched to any and all output zones.

For added convenience all inputs and output zones can be labelled for display on the LCD. This allows users to quickly see the source playing in each zone.

A total of 8 remotes can be used on the system. Maximum of 2 plates per cable run.

System Paging

For systems requiring audio paging to zones, the A4660 paging console can be used as a master plate. It offers paging commencement/end chime, adjustable level controls and automatic gain control (AGC) selection.

**Key Features**

- ✓ Australian made
- ✓ 10 year manufacturer warranty with local product support
- ✓ 4 mic/line inputs to 4 zones
- ✓ Touchscreen & iOS/Android app control
- ✓ Adjustable aux level 100mV/1V
- ✓ Adjustable balanced mic/line level 3mV/0.7V
- ✓ LCD for easy selection of sources to zones
- ✓ System cabling via Cat5e UTP.
- ✓ Zone and input custom labelling
- ✓ Adjustable volume for each input to output selection
- ✓ Master & zone source selection wallplates
- ✓ 24V DC operation

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 45 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

System Components

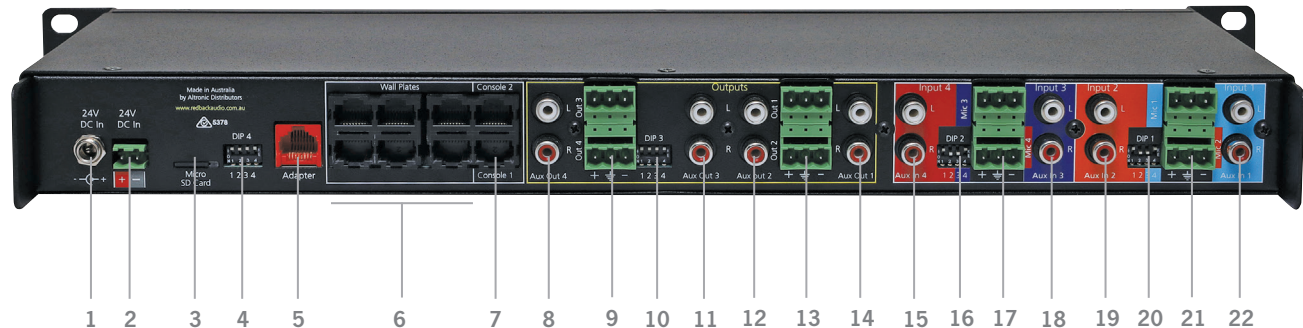
- A 4450** 4x4 Matrix Controller
- A 4461** Master 7" Wallplate Black
- A 4462** Zone 4.3" Wallplate Black
- A 4463** Master 7" Wallplate White
- A 4464** Zone 4.3" Wallplate White
- A 4660** 7" LCD Paging Console

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Rear Panel



1	24V DC input	9	Balanced output 3 & 4 terminals	17	Balanced input 3 & 4 terminals
2	24V DC input (battery backup)	10	DIP 3 switch	18	Stereo RCA aux 3 input
3	Micro SD card slot	11	Stereo RCA aux 3 output	19	Stereo RCA aux 2 input
4	DIP 4 switch	12	Stereo RCA aux 2 output	20	DIP 1 switch
5	RJ45 RS232 serial control port	13	Balanced output 1 & 2 terminals	21	Balanced input 1 & 2 terminals
6	Wall Plate RJ45 connections	14	Stereo RCA aux 1 output	22	Stereo RCA aux 1 input
7	Paging console connections	15	Stereo RCA aux 4 input		
8	Stereo RCA aux 4 output	16	DIP 2 switch		

Specifications

Electrical

Distortion:	0.01%
Frequency Response:	140Hz - 20kHz
Mic input sensitivity:	3mV - 0.7V balanced
Line inputs:	100mV-1V
Output sensitivity:	100mV-1V

Controls

Input Selectors:	Switch
Power:	Power/Standby Switch
Volume:	Front Panel Knob
Indicators:	Power on, Signal Present, VU Meter

Connectors

Balanced output:	3 pin euro connectors
Auxiliary output:	2 x RCA
Inputs:	3 pin euro connectors or 2 x RCA
24V DC power:	Screw terminals
24V DC Power:	2.1mm DC Jack

WallPlates & Paging Console

Output Connection:	2 x RJ45 8P8C
Data Transmission:	Cat5e cabling max 300m

Mechanical

Power:	24V DC
Dimensions:	482W x 125D x 44H
Weight:	2.1 kg

Made in Australia by Altronic Distributors Pty. Ltd.

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