ZONEMIX8 8 Zone Mixer and Paging System User Guide

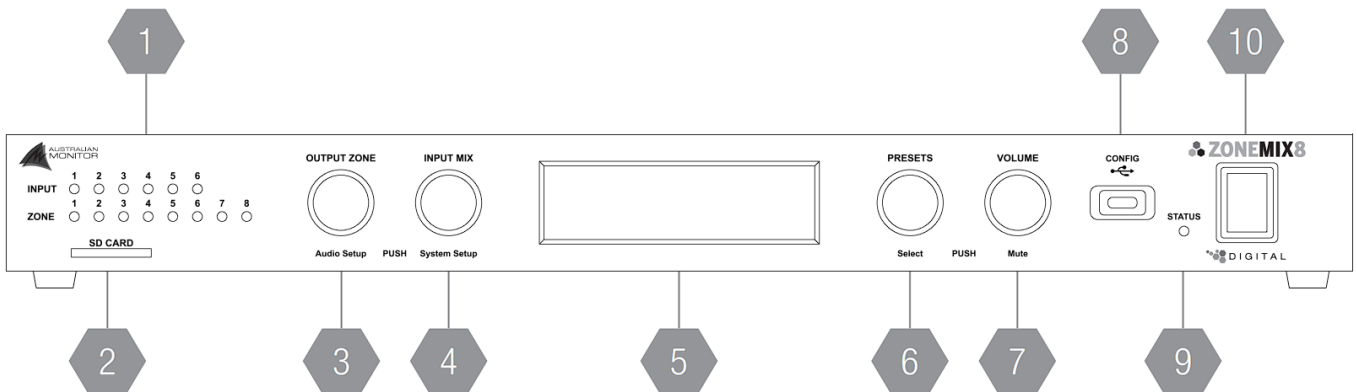## ZONEMIX8 8 Zone Mixer and Paging System

SCAN TO DOWNLOAD FULL MANUAL

This quick start guide provides a brief overview of the key features of the ZONEMIX system.
A full manual can be downloaded from: **www.australianmonitor.com.au/collections/zonemix-system**

Contents

FRONT PANEL

1. **SIGNAL PRESENCE LEDS**

   Green LED = Signal present

   Flashing Green = Muted (Outputs only)

   Red = Clipping (Reduce input level).

2. **SD CARD CONNECTOR**

   Used to store messages, tones and paging announcements. Accepts full size SD card, maximum density 2TB, FAT32 file system required.

3. **OUTPUT ZONE KNOB**

   Rotate left and right to select the output zone.

   Push and hold for 2 seconds to enter Audio Setup mode.

4. **MIX KNOB**

   Rotate left and right to select the input channel mix desired for the output zone.

   Push and hold for 2 seconds to enter System Setup mode.

5. **LCD CHARACTER DISPLAY**

   20 x 2 Blue LCD character display

6. **PRESETS KNOB**

   Rotate left and right to cycle through the available presets and push to select.

   Push and hold for 2 seconds to save to a preset.

7. **VOLUME KNOB**

   Rotate left and right to adjust the volume level of the currently selected input or output.

   Push the knob to mute or unmute.

8. **USB-C CONFIG PORT**

Connect to a PC using a USB-C cable to control the ZONEMIX via the PC Control Software
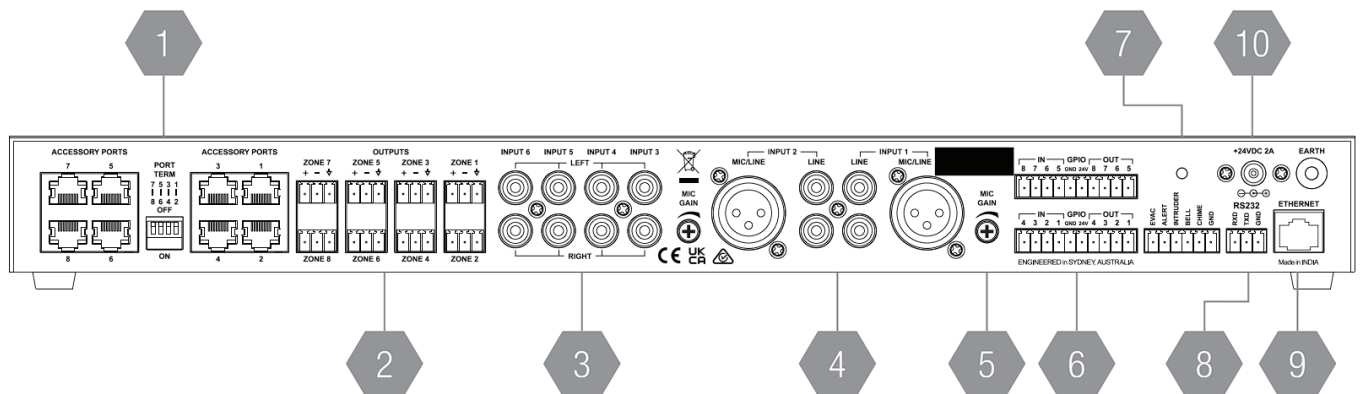
9. **STATUS LED**

This blue LED will illuminate indicating that the

ZONEMIX is on and receiving mains power.

10. **POWER SWITCH**

Press the switch up to power on and down to power off.

REAR PANEL

1. **ACCESSORY PORTS**

Allows connection of wall panel controllers, paging stations and audio wall panel inputs. See the full manual for wiring and setup instructions.

2. **ZONE OUTPUTS**

The ZONEMIX4 has 4 stereo or 4 mono balanced line level outputs (Software configurable). The ZONEMIX8 has 8 mono line balanced level outputs. Balanced male 3-pin (3.81mm) euroblock connector.

3. **STEREO RCA UNBALANCED INPUT**

A standard stereo RCA female socket for each input. This is summed to mono inside the ZONEMIX8. The ZONEMIX4 will maintain the stereo audio path unless mono output mode is selected.

A -14dB pad can be applied, via software, using the front panel or PC control software. Off by default.

4. **XLR MIC AND RCA LINE INPUT, CH1-2**

A standard female XLR balanced socket is provided on each microphone input:

Pin 1 = Signal Ground

Pin 2 = Hot (non-inverting or in phase)

Pin 3 = Cold (inverting or reverse phase)

5. **MIC GAIN**

Provides a rear panel attenuator for Input 1 and Input 2.

6. **GENERAL PURPOSE INPUTS AND OUTPUTS**

Configurable in the PC control software to perform various control actions.

7. **TONE GENERATOR**

Connect any of the EVAC, ALERT, INTRUDER, BELL and CHIME inputs to the GND input to play the tone.

8. **RS232**

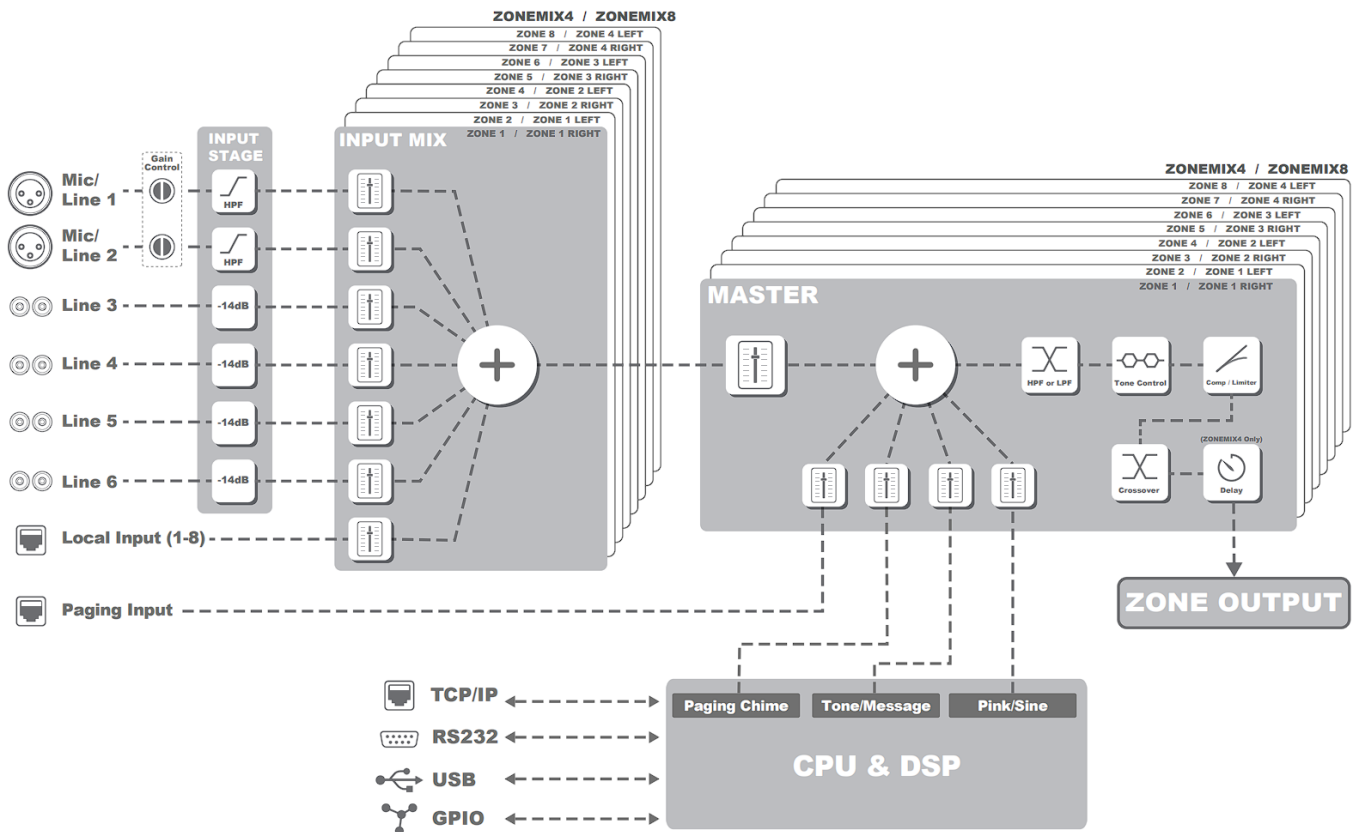3-pin (3.81mm) euroblock connector for connection to external control systems.

9. **ETHERNET**

Ethernet is used to communicate with the device over a LAN. The supported network speed is 100Base-T. Consult the Network setup section of the full manual for further details.

10. **POWER INPUT CONNECTOR**

Your mixer is powered via a 24VDC 2A universal power adapter. The power adapter is included with your mixer. The DC input accepts a 5.5/2.1mm plug with tip positive and ring negative connection.
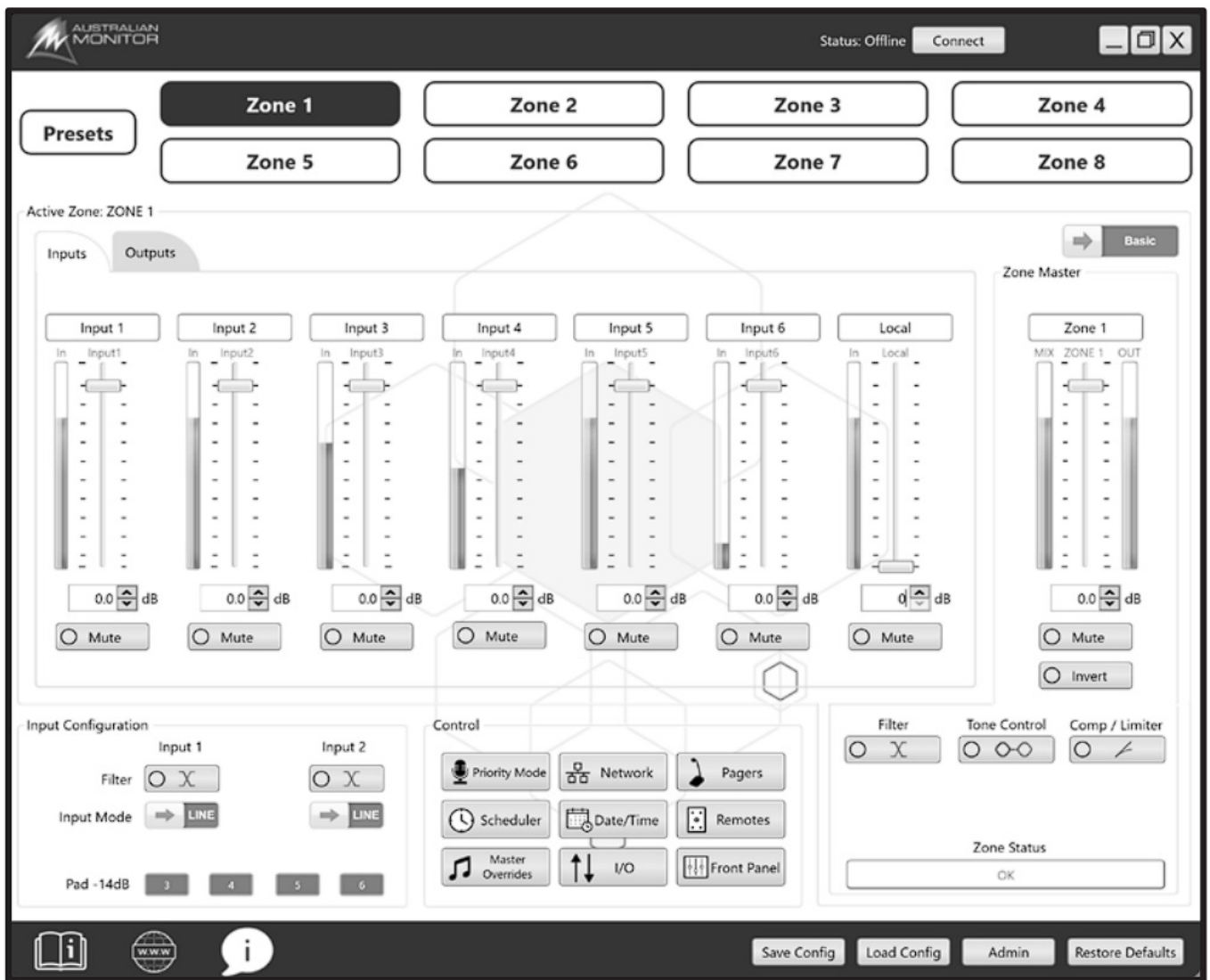
BLOCK DIAGRAM

PC CONTROL SOFTWARE

The ZONEMIX comes with a free downloadable PC application to allow advanced configuration and control of the system. The software is available from **www.australianmonitor.com.au** and can be accessed from the PC over the ZONEMIX USB or Ethernet connection.

Key features of the software include:

Australian Monitor

Status: Offline   Connect

Presets | Zone 1 | Zone 2 | Zone 3 | Zone 4
Zone 5 | Zone 6 | Zone 7 | Zone 8

Active Zone: ZONE 1

Inputs   Outputs

Basic

Zone Master

| Input 1 | Input 2 | Input 3 | Input 4 | Input 5 | Input 6 | Local | | Zone 1 |
| In Input1 | In Input2 | In Input3 | In Input4 | In Input5 | In Input6 | In Local | | MIX ZONE 1 OUT |

0.0 dB | 0.0 dB | 0.0 dB | 0.0 dB | 0.0 dB | 0.0 dB | 0 dB | 0.0 dB

Mute | Mute | Mute | Mute | Mute | Mute | Mute | Mute

Invert

Input Configuration

	Input 1	Input 2
Filter	X	X
Input Mode	LINE	LINE

Pad -14dB   3   4   5   6

Control

Priority Mode | Network | Pagers
Scheduler | Date/Time | Remotes
Master Overrides | I/O | Front Panel

Filter   Tone Control   Comp / Limiter
X   O-O   /

Zone Status
OK

Save Config | Load Config | Admin | Restore Defaults

- Mixing and level control for input and outputs
- Setup of wall panels and paging stations
- Scheduler trigger and actions setup
- Configuration of:
  - miniDSP audio settings
  - Priority scheme
  - Master Override
  - General Purpose Inputs/Outputs
  - Date/Time
  - Network settings

WARNING
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THE PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

TO PREVENT ELECTRICAL SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT & FULLY INSERT.
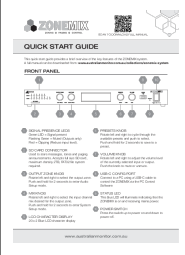
CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.

	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
	For European Union countries: This symbol on the product or its packaging indicates that this product must not be disposed of with other waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. Please contact your local authority for further details of your nearest designated collection point.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with dry cloth.
6. This appliance must not be exposed to dripping or splashing water and no object filled with liquid such as vases shall be placed on the apparatus.
7. Do not block any ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. The unit is intended for indoor use. Do not use it outdoors.
10. The mains plug is used as the disconnect device from mains. It should be readily accessible at all times.
11. Only use attachments/accessories specified by the manufacturer.
12. Connect this unit to a mains outlet with a protective earth connection.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

www.australianmonitor.com.au

Documents / Resources

[ZONEMIX ZONEMIX8 8 Zone Mixer and Paging System](#) [pdf] User Guide
ZONEMIX8, 8 Zone Mixer and Paging System, ZONEMIX8 8 Zone Mixer and Paging System

References

- **[Australian Monitor - Commercial and pro audio product manufacturer](#)**
- **[ZONEMIX SYSTEM – Australian Monitor](#)**

Manuals+,