

# Australian Monitor

## Zone Revolution

### DSP Audio Processor

Designed as a stereo zoning solution to the bar/club market, the Australian Monitor Zone Revolution with a combination of stereo and mono outputs and provides the flexibility handle most foreground/background processing applications. Larger stereo installations can be achieved by linking two Zone Revolutions for multiple stereo output zones.

The Australian Monitor Zone Revolution has the comprehensive processing power one would expect from a state of the art DSP processor. The Zone Revolution also offers multi bus paging via the ergonomic and visually stunning Australian Monitor ICON paging microphones.

The Zone Revolution supports the Australian Monitor ICON CP Control Panels, which can be set to recall systems presets, select sources, control zone or source volume as well as a host of other parameters. The Zone Revolution also supports third party control systems or control via Australian Monitor's free Apple iPad application. There is also an optional cobranet card available for integration in larger articulated systems.



## Features

- On-board DSP with EQ, dynamics and delay processing
- 3 stereo output zones (up to six with two linked Zone Revolutions)
- Additional sub/aux outputs on the first two stereo zones
- 4 stereo BGM source inputs
- 4 mic/line inputs
- 'Jukebox' Functionality – Ability for stereo input 4 to have priority over all BGM sources
- 'Master Override' input with logic triggering to override zone mixes
- Support for up to 2 remote zone paging stations (ICON3 and ICON6)
- Support for ICON-CP (RS485)
- Third party control via Ethernet



# Specifications



## ZONE REVOLUTION

PARAMETER	SPECIFICATION	UNIT	CONDITIONS
<b>Analog I/O</b>			
<b>Balanced Mic Input</b>	<b>Euroblock Connectors</b>		
Impedance	2	K Ohm	
Phantom Power	48	V	Selectable per input
Gain / Max Input	<b>Gain</b>	<b>Max Input</b>	
	6 dB	6 dBu	
	24 dB	-12 dBu	
	42 dB	-30 dBu	
	60 dB	-48 dBu	
<b>Balanced Line Input</b>	<b>Euroblock Connectors</b>		
Impedance	5	K Ohm	
Gain / Max Input	<b>Gain</b>	<b>Max Input</b>	
	-12dB	24dBu	
	+6dB	6 dBu	
<b>Unbalanced Line Input</b>	<b>RCA Connectors</b>		
Impedance	15	K Ohm	
Maximum Input	6.2	dBu	
<b>Balanced Outputs</b>	<b>Euroblock Connectors</b>		
Impedance	50	Ohm	
Maximum Output	24	dBu	
<b>SYSTEM</b>			
Frequency Response	20 – 20000	Hz	
THD + N	0.003	%	From Input to Output (1KHz +4dBu)
Dynamic Range	108	dB	
Sample Rate	48	kHz	
Latency	2.1	ms	Analog to Analog
Processor	2 x Analog Devices Sharc DSP (ADSP-21375) 32/40 bit floating point		
Processing Power	2 x 1596	MFLOPS	
<b>COMMUNICATIONS</b>			
Ethernet	100 Base T		
Icon Control Panel RS485	500 m		Max cable length per port without external power
	20		Max number of remote panels per run
			240 Total using external power
Icon Page Stations	500 m		Max cable length per port
<b>HARDWARE</b>			
Chassis Style	1 RU		
Voltage	90 – 264 V AC		
Power Consumption	< 30 VA		
Compliance	ETL ETLc, CE, CTICK		
Dimensions (H x W x D)	44 x 482 x 330mm (1.7" x 18.9" x 13")		
Shipping Dimensions (H x W x D)	100 x 335 x 420mm (3.9" x 21" x 16.5")		
Weight	Net	4.15kg (9.1lb)	
	Shipping	5.13kg (11.34lb)	

### ENGINEERED BY AUSTRALIAN MONITOR

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