

# AV REVOLUTION

intuitive

flexible

simple



Finally, someone is  
thinking of you.

The AV Revolution is packed with processing power for applications ranging from lecture theatres and boardrooms through to function room systems with room-combining. With accessories such as CobraNet cards and remote wall panels, the AV revolution offers a combination of stereo and mono outputs as well as stereo and mono mic line inputs. Whether used for straight signal processing or source routing applications, the AV Revolution can do it all.

- 3 stereo output zones
- 2 mono output zones
- 6 stereo line sources available to all five output zones
- 4 mic/line switchable inputs available to all five output zones
- Support for a range of remote control panels (RS485)
- Ethernet control of audio parameters for third-party control system interfacing
- 'Master override' input (mic/line input 4) with logic triggering to override zone mixes
- Ability for stereo zone outputs to be mono summed, allowing up to two uniquely processed outputs per zone
- Various EQ, dynamics and delay processing on inputs and outputs
- Simple setup using configuration software
- Integrated user GUI
- Front panel input/output signal present indication

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>	
	-12 dB	24 dBu	
	+6 dB	6 dBu	

<b>Unbalanced RCA 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

<b>Hardware</b>			
Net Weight	4.15	kg	
Size (w x d x h)	482 x 330 x 44	mm	
Chasis Style	1	RU	
Voltage	90 – 264	VAC	
Power Consumption	<30	VA	
Compliance	UL		
	CE		
	CTICK		


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