



Overview

2 Analog inputs, 6 Analog outputs Speaker Processing.



Features

- All of the functionality required for most speaker processing applications in a compact 1U unit.
- 2 Analog inputs and 6 Analog outputs.
- 31 band parametric equalization per input channel and 15 band parametric equalization per output channel.
- An impressive array of built-in functions: gain, mute, phase, delay, PEQ, FIR, crossover, RMS dynamics, Peak dynamics, and input / output matrix mixing.
- Complete user interface integrated into DSP software running on a personal computer.
- Wi-Fi and Ethernet for control and monitor in real time with personal computer or smartphone.
- 10 user programmable presets for instant recall.
- Plug and play, zero network configuration.



Specifications

General Specifications

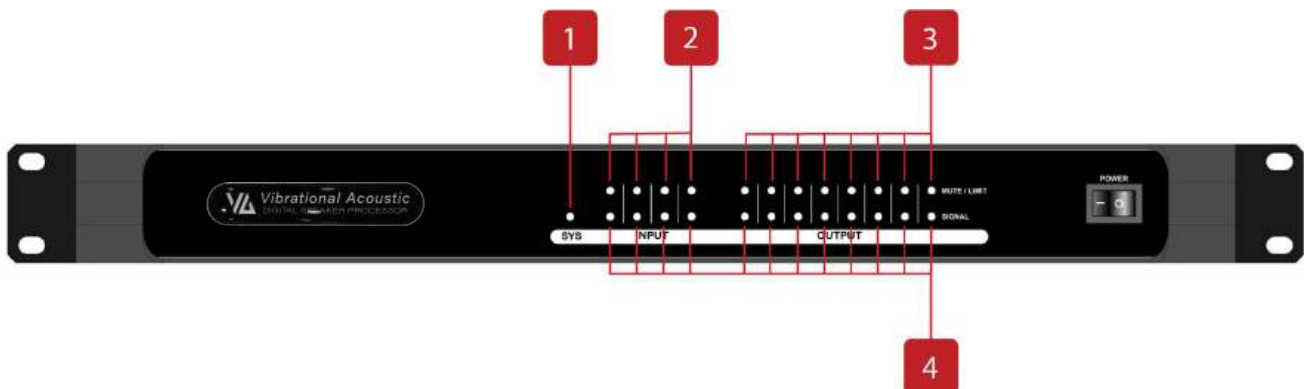
Analog Inputs	Number of Inputs	4 inputs
	Connectors	4 female XLR line inputs
	Type	Electronically balanced/RF filtered
	Impedance	20k Ω (Balance), 10k Ω (Unbalance)
	Max Input Level	+20 dBu
Analog Outputs	Number of Outputs	8 outputs
	Connectors	8 male XLR line outputs
	Type	Electronically balanced, RF filtered
	Impedance	120 Ω
	Max Output Level	+24 dBu
AES67	Number of Channel	4 receivers and 4 transmitters
	Sample rate support	44.1/48 / 88.2 / 96 kHz
	Bit depth	24 bits
	Connector	RJ-45 100 Bast-T Ethernet
Analog to Digital Converter (A/D)		32 bit high-performance 4 channels, sample rate supports up to 768 kHz
Digital to Analog Converter (D/A)		32 bit high-performance 8 channels, sample rate supports up to 768 kHz
Remote Control		RJ45 10/100 Bast-T Ethernet and 2.4GHz Wi-Fi antenna
Indicators	Brightness adjustable	
	SYS (user adjustable, default: green + white)	
	SIGNAL (> -96dBfs: green, > -18dBfs: yellow, clip: red)	
	MUTE / LIMIT (mute: red, limit: yellow)	
Frequency response		20 Hz – 20 kHz (+/- 0.5 dB)
THD+N		< -100dB @ 1kHz
Software features	Controlling multiple devices	
	Real-Time Monitoring	
	Grouping and Presets	
	Firmware is upgradable over network	
	Plug and play, zero network configuration	
Presets		10 user presets
DSP features	Sample Rates / Bit depth	48 kHz / 32 bits
	RMS Dynamics	Compressor / Epander / Limiter / Noise Gate each output (selectable)
	Peak Dynamics	Compressor / Epander / Limiter / Noise Gate each output (selectable)
	Delay	250ms at each input and 50ms at each output
	Input EQs	31x IIR-EQs with High-Shelf, Low-Shelf, High-Pass, Low-Pass, Band-Pass, Notch, Peak
	Output FIR filter	1024 taps at each output
	Output EQs	15x IIR-EQs with High-Shelf, Low-Shelf, High-Pass, Low-Pass, Band-Pass, Notch, Peak
	Output crossovers	2x crossover filters up to 48dB / octave (Bessel, Butterworth, Linkwitz-Riley) • Bessel: 6,12,18,24,30,36,48dB / octave • Butterworth: 6,12,18,24,30,36,48dB / octave • Linkwitz-Riley: 12,24,36,48dB / octave



	Input Source Select	8 sources (4 analog and 4 digital)
	Input Routing / Matrix mixing	4x8 with addition / subtraction
	Output Routing / Matrix mixing	8x12 with addition / subtraction
	Input/ Output	Level, Mute, Gain, Phase inversion
Power Supply	Operating Voltage	85-240 VAC 50/60 Hz
	Power Consumption	30 Watts (max)
Dimensions (W x H x D)		4.4cm (H) x 21cm (D) x 48cm (W)
Net Weight		4.3 lbs. (1.95 kg)

Specifications are subject to change without notice.

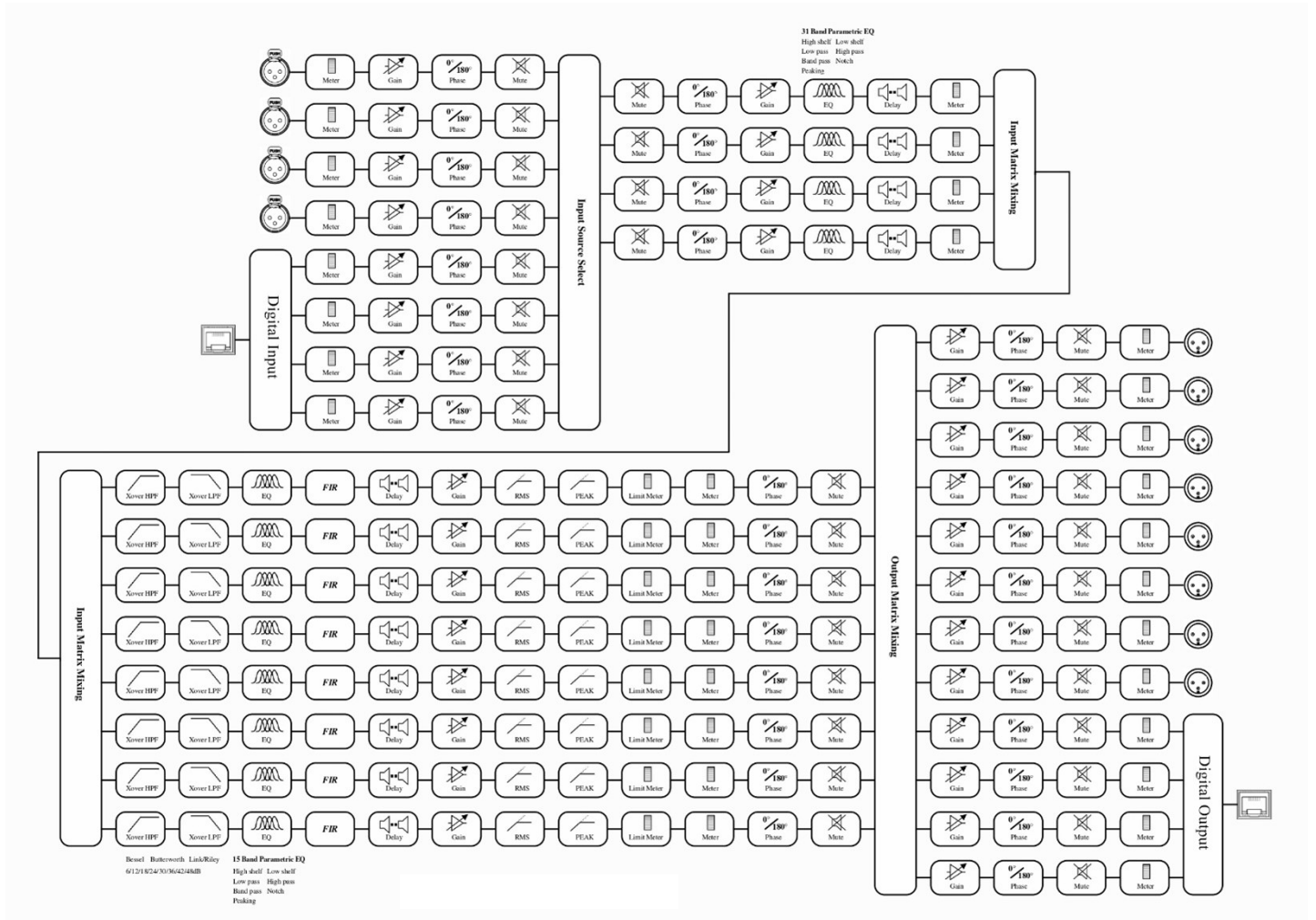
Panel Indicators



- 1: SYSTEM (user adjustable, default: green + white)
- 2: INPUT MUTE (red)
- 3: OUTPUT MUTE / LIMIT (mute: red, limit: yellow)
- 4: SIGNAL (> -96dBfs: green, > -18dBfs: yellow, clip: red)



Signal Path





Dimensions

Unit: mm

