



Electronic Room Acoustic Processor

Technical Specifications

VIVACE	
Audio Specifications	
Number of Inputs Supported by Audio Processor	up to 192
Number of Outputs Supported by Audio Processor	up to 192
Sample Rate	48 kHz / 96 kHz optional
Audio Processing	Input/Output: 24 bit, Internal Processing: 32bit Floating
Synchronization	External Wordclock Input, Internal Clock or MADI Input
Control and Monitoring	Ethernet
Preset Recall	Internal Webserver

General Specifications	
Terminals	MADI In/Out 1 - 64 (Optical SC-Duplex, Multimode)
	MADI In/Out 65 - 128 (Optical SC-Duplex, Multimode)
	MADI In/Out 129 - 192 (Coaxial BNC)
	Wordclock In/Out (Coaxial BNC)
	Remote Control (Ethernet RJ45)
	Service (Ethernet RJ45)
	Dante optional
Power Supply	100-240 V 50/60 Hz
Power Consumption (max.)	2 x 350 W
Installation	2x 4RU Rackmount, Mounting Depth 565 mm
Net Weight	2x 15 kg
Operating Environment	Operating temperature: 0-40 °C Operating humidity: 10% - 85% (no condensation)

Internal Processing Specifications	
Number of independent parallel Processing Engines	up to 72
Number of connected Microphones	up to 64
Number of connected Amplifier Channels	up to 192
Signal Processing	IIR-filters, 5 parametric EQ with settings for frequency, gain, quality, filter type (High Pass, High Shelf, Peak, Low Shelf, Low Pass) and bypass FIR-filters, for each individual area input, adjustment of frequency-response curve by independent parametric filterbands (frequency, gain, Q, filter type)