



DX 1616

MATRIX AUDIO PROCESSOR



Description DX 1616 AES-Dante remote software. This network-based software designed for Microsoft Windows and Mac OSX allows the management of the DX 1616 Matrix Sound Processor. -Pre-Amp configuration, selecting source types like analog, AES/EBU, Dante -Designing Input groups for festival applications -Input source processing with EQ, delay and compressor -Powerful 16x16 router to assign processing tasks to flexible output patches.

- Features**
- › Hybrid architecture DSP
 - › 48 KHz sampling, 40 bit floating point engine
 - › 16 x 16 I/O matrix
 - › Dante enabled network audio transport
 - › 8 AES/EBU inputs - 8 AES/EBU outputs
 - › Ethernet connectivity and control
 - › Maximum latency 3 ms
 - › Easy to use software GUI

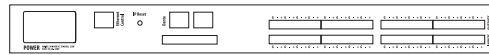
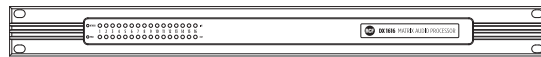
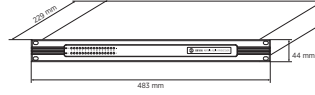
Part Number 12399033 DX 1616 90-240 V Black EAN 8024530013752



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Line Art 2D



TECHNICAL SPECIFICATIONS

Audio performance	Frequency Response (-3dB)	20 Hz ÷ 22 kHz
	Crosstalk (on the whole bandwidth)	<-100 dB
	Distortion (THD+N) @ 1 kHz nominal power	<0.001 %
	Dynamic range	>110 dB
	Common Mode Rejection Ratio (50 Hz to 10 kHz)	>100 dB
Digital audio performance	Resolution	40
	Sampling rate	48
	A/D - D/A converters	24
	Propagation delay	3
Input section	Total number of inputs	17
	Balanced	17
	Mono	16
	Mic+Line inputs	16
	Mic+Line connectors	Euroblock
	Mic+Line Phantom	21 V DC - 44 V DC
	Digital inputs	1
	Digital connectors	RJ45
	Digital type	DANTE
Output section	Signal output number	16
	Signal output connectors	Euroblock
Processing	DSP	Yes
	EQ Filters	Yes
	Delay	Yes
	Tone controls	Yes
	High-pass filter	20 Hz ÷ 20000 Hz
	Crossover	20 ÷ 20000 Hz
Controls	Configuration	PC Software
	Number of programs/presets	70
Protections	Cooling	Convection/Forced
	Fuses	Yes



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Power requirement	Operating voltage	90-240 V - 50/60Hz
	Power consumption	20 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	19", 1U
Size	Height	44 mm / 1.73 inches
	Width	483 mm / 19.02 inches
	Depth	229 mm / 9.02 inches
	Weight	3.31 kg / 7.3 lbs