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

TECHNICAL SPECIFICATIONS

Audio performance	Frequency Response (-3dB):	20 Hz ÷ 22 kHz
	Crosstalk (on the whole bandwitch):	<-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
Power requirement	Operating voltage:	90-240 V~ 50/60Hz
	Power consumption:	20 W
Standard compliance	CE compliance:	Yes
Physical specifications	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 1U

RCF products are continually improved. All specifications are therefore subject to change without notice.

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
Shipping informations	Package Height:	378 mm / 14.88 inches
	Package Width:	88 mm / 3.46 inches
	Package Depth:	597 mm / 23.5 inches
	Package Weight:	4.73 kg / 10.43 lbs

PART NUMBER

- **12399033**

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  EAN 8024530013752

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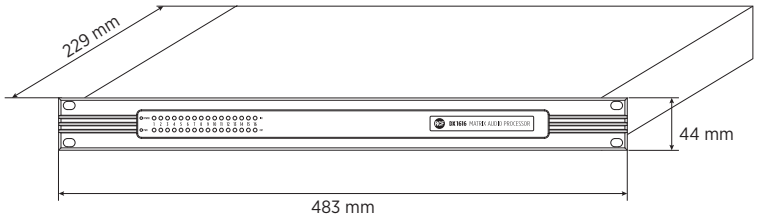
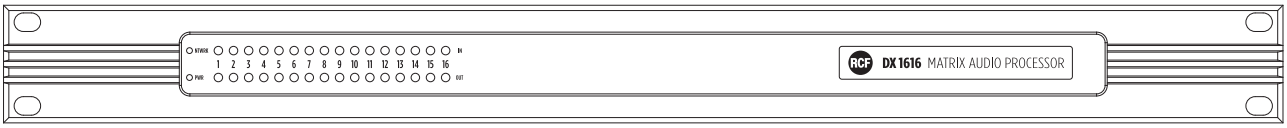
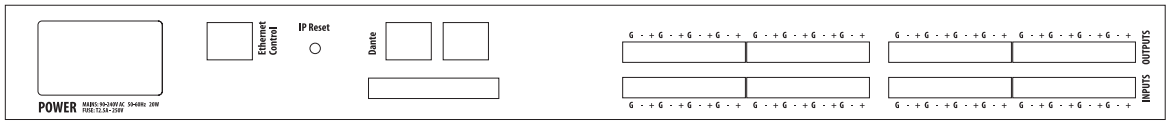
DRAWINGS



PANELS

Front panel



Rear panel