DX 4008

4 INPUTS, 8 OUTPUT DIGITAL PROCESSOR

DESCRIPTION

The DX 4008 is a complete 4 input - 8 output digital loudspeaker management system designed for the touring or fixed sound installation markets.
The absolute latest in available technology is utilized with 32-bit (40-bit extended) floating point processor and high performance 24-bit Analog Converters. The high-bit DSP prevents noise and distortion induced by truncation errors of the commonly used 24-bit fixed-point devices. A complete set of parameters include I/O levels, delay,polarity, 6 bands of parametric EQ per channel, multiple crossover selections and full function limiters. The DX 4008 can be controlled or configured in real time on the panel or with the intuitive PC GUI accessed via the RS 232 interface. Software upgrade for CPU and DSP via PC keeps the device current with newly developed algorithms and function once available. Multiple setup storage and system security complete this professional package.

FEATURES

- The DX 4008 is a complete 4 input - 8 output digital loudspeaker management system designed for the touring or fixed sound installation markets
- Sampling rate can be set to 96kHz
- Precise frequency control is achieved with its 1 Hz resolution
- Inputs and outputs can be routed in multiple configuration to meet any requirements
- The DX 4008 is shipped with a special PC Graphic User Interface (GUI) application - XLink
- XLink gives the user an option to control the DX 4008 unit from a remote PC via the RS232 serial communication link
- The GUI application makes much easier control and monitor the device, allowing the user to get the whole picture on one screen
- Programs can be recalled and stored from/to PC's hard drive, thus expanding the storage to become virtuality limitless

TECHNICAL SPECIFICATIONS

Audio performance	Frequency Response (-3dB):	20 Hz ÷ 20 kHz
	Crosstalk (on the whole bandwitch):	<-100 dB
	Distortion (THD+N) @ 1 kHz nominal power:	<0.001 %
	Dynamic range:	>115 dB
	Common Mode Rejection Ratio (50 Hz to 10 kHz):	>60 dB
Digital audio performance	Resolution:	40
	Sampling rate:	96
	A/D - D/A converters:	24
	Propagation delay:	3
Input section	Total number of inputs:	4
	Balanced:	4
	Mono:	4
	Line inputs:	4
	Line connectors:	XLR
Output section	Signal output number:	8
	Signal output connectors:	XLR
Processing	DSP:	Yes
	EQ Filters:	Yes
	Delay:	Yes
	Tone controls:	Yes
	High-pass filter:	20 ÷ 20000 Hz
	Crossover:	20 ÷ 20000 Hz
Controls	Configuration:	Front panel, PC Software
	Number of programs/presets:	30
	Protocols for system integration:	ASCII
Protections	Cooling:	Convection
	Fuses:	Yes
Power requirement	Operating voltage:	220-240/115 V~ 50/60Hz
	Voltage selection:	External
	Power consumption:	20 W
Standard compliance	CE marking:	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:	203 mm / 7.99 inches
	Weight:	2.96 kg / 6.53 lbs
Shipping informations	Package Height:	80 mm / 3.15 inches
	Package Width:	615 mm / 24.21 inches
	Package Depth:	360 mm / 14.17 inches
	Package Weight:	4.36 kg / 9.61 lbs

PART NUMBER

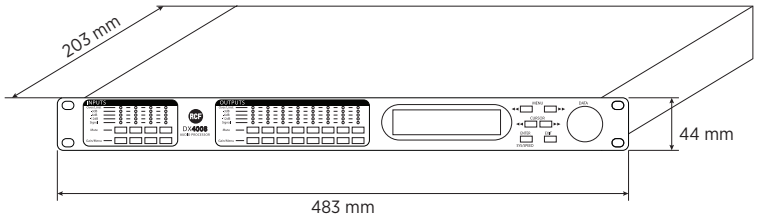
- **12135033**

  DX 4008

  EAN 8024530007072

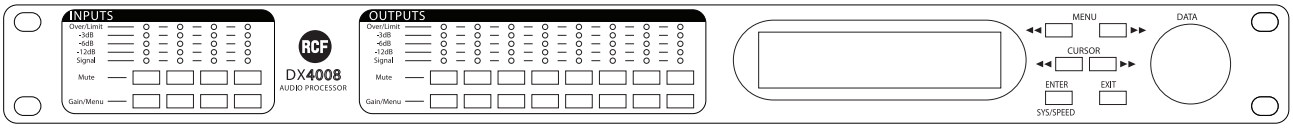
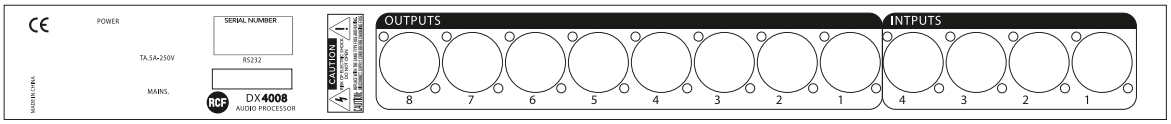
RCF products are continually improved. All specifications are therefore subject to change without notice.

DRAWINGS



PANELS

Front panel



Rear panel