



# DX 2006

2 INPUT, 6 OUTPUT DIGITAL PROCESSOR



## Description

The DX 2006 is a 2 input - 6 output loudspeaker management device with 40 bit floating point DSP and 96 kHz sampling rate, suitable for the optimization of passive loudspeaker systems. The DX 2006 offers flexible routing, signal processing and equalization and can be used also for multiple ways and multi-amplified systems managing. LCD, controls and LED indicators are available on the frontal panel and it is also possible to set up and control the processor through a PC. Various crossover modes are available and 30 programs/Settings can be stored.

The DX 2006 is shipped with a special PC Graphic User Interface (GUI) application - Xlink that gives the user an option to control the digital processor. The GUI application makes it much easier to control and monitor the device, allowing the user to get the whole picture on screen. Programs can be recalled and stored from/to PC hard drive, thus expanding the storage to become virtually limitless.

## Features

- › 2 inputs that can be mixed to 6 outputs
- › 40-bit floating point DSP
- › 96 kHz sampling rate
- › 24-bit A/D D/A converters
- › 1 Hz frequency resolution (EQ / filters)
- › 8 equalizers for each input and output
- › Multiple crossover types; limiters
- › Level, polarity and delay settings
- › Firmware upgrade via PC
- › Individual channel buttons (for editing) with linking capability

## Part Number

12135068 DX 2006

220-240/115 V Black

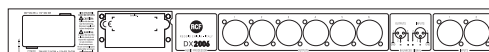
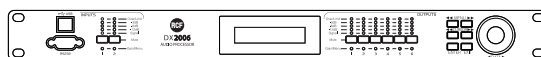
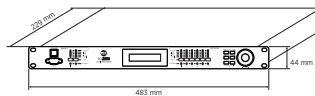
EAN 8024530006921



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Line Art 2D



### TECHNICAL SPECIFICATIONS

<b>Audio performance</b>	Frequency Response (-3dB)	20 Hz ÷ 30 kHz
	Crosstalk (on the whole bandwidth)	<-100 dB
	Distortion (THD+N) @ 1 kHz nominal power	<0.002 %
	Dynamic range	>115 dB
	Common Mode Rejection Ratio (50 Hz to 10 kHz)	>60 dB
<b>Digital audio performance</b>	Resolution	40
	Sampling rate	96
	A/D - D/A converters	24
	Propagation delay	2
<b>Input section</b>	Total number of inputs	2
	Balanced	6
	Mono	6
	Line inputs	2
<b>Output section</b>	Line connectors	XLR
	Signal output number	6
	Signal output connectors	XLR
<b>Processing</b>	DSP	Yes
	EQ Filters	Yes
	Delay	Yes
	Tone controls	Yes
	High-pass filter	20 ÷ 30000 Hz
	Crossover	20 ÷ 30000 Hz
<b>Controls</b>	Configuration	Front panel, PC Software
	Number of programs/presets	30
<b>Protections</b>	Cooling	Convection
	Fuses	Yes
<b>Power requirement</b>	Operating voltage	220-240/115 V- 50/60Hz
	Power consumption	20 W



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## Physical specifications

### Size

Color	Black
Rack mounting	19", 1U
Height	44 mm / 1.73 inches
Width	483 mm / 19.02 inches
Depth	229 mm / 9.02 inches
Weight	2.62 kg / 5.78 lbs