



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

Part Number

12135033 DX 4008

220-240/115 V Black

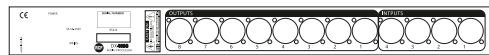
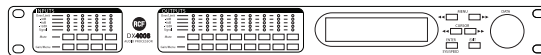
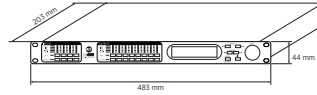
EAN 8024530007072



DX 4008

4 INPUTS, 8 OUTPUT DIGITAL PROCESSOR

Line Art 2D



TECHNICAL SPECIFICATIONS

| | | |
|----------------------------------|---|--------------------------|
| Audio performance | Frequency Response (-3dB) | 20 Hz ÷ 20 kHz |
| | Crosstalk (on the whole bandwidth) | <-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 |
| Output section | Line connectors | XLR |
| | Signal output number | 8 |
| | Signal output connectors | XLR |
| Processing | DSP | Yes |
| | EQ Filters | Yes |
| | Delay | Yes |
| | Tone controls | Yes |
| | High-pass filter | 20 Hz ÷ 20000 Hz |
| Controls | Crossover | 20 ÷ 20000 Hz |
| | Configuration | Front panel, PC Software |
| | Number of programs/presets | 30 |
| Protections | Protocols for system integration | ASCII |
| | Cooling | Convection |
| | Fuses | Yes |



DX 4008

4 INPUTS, 8 OUTPUT DIGITAL PROCESSOR

| | | |
|--------------------------------|-----------------------|------------------------|
| Power requirement | Operating voltage | 220-240/115 V- 50/60Hz |
| | Voltage selection | External |
| | 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 | 203 mm / 7.99 inches |
| | Weight | 2.96 kg / 6.53 lbs |