

DriveRack™ Studio

Studio Monitor Management System

dbx[®]
PROFESSIONAL PRODUCTS

VISIONARY DESIGN

The dbx Professional Products DriveRack Studio provides all of the tools necessary to optimize Studio Monitor management in a single rack mount chassis design regardless of the environment. The DriveRack Studio offers dual XLR inputs and six XLR outputs, dual channel graphic EQ, classic dbx Compression, multiple crossovers, parametric EQ and a built-in real time audio analyzer. In addition, this audio toolbox provides the end user with 24 custom presets that have been specifically written and designed to work in tandem with the most popular studio reference monitors available. The DriveRack Studio now allows you to fine-tune even the most sonically challenged rooms.

REVOLUTIONARY ENGINEERING

The DriveRack Studio continues the legacy of DriveRack series, which has been created by the company that has been redefining the standard of signal processing for more than 30 years. The DriveRack Studio was designed with the purpose and vision of providing state-of-the-art signal processing in the studio environment, while utilizing a simple and intuitive user interface. This goal has been achieved by offering two independent channels of processing power with a linkable 28-Band Graphic equalizer, industry-standard dbx[®] stereo compressor module, feedback eliminator and the 120A Subharmonic Synthesizer on the input, with a six channel output system that includes parametric EQs, and Peak Plus™ limiters (which are used to provide protection against speaker blowouts) and alignment delay. These features combined with the Wizard setup system, represent a methodical design that is guaranteed to deliver optimal, all-inclusive processing in a completely scalable system. For more information, please visit: www.dbxpro.com.

FEATURES

- 24 Custom Factory Programs Optimized for Studio Monitor Management Applications
- Dual 28-band Graphic EQ
- Classic dbx[®] Compressor
- 120A Sub-harmonic Synthesizer
- 2x3, 2x4, 2x5, 2x6 Crossover Configurations
- Stereo Multi-band Parametric EQ
- Stereo Output Limiters
- Alignment Delay
- Pink Noise Generator
- Auto-EQ with 28-Band RTA
- 2 Channel XLR Input and 6 Channel XLR Output
- Front panel RTA-M XLR input with phantom power
- 24-Bit ADC/24-Bit DAC, >110 dB Dynamic Range
- TypeIV[®] Conversion System
- Full Graphic LCD Display

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H A Harman International Company



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SPECIFICATIONS

Analog Inputs:

Number of Inputs: (2) Line inputs, (1) RTA Mic input
 Connectors: (2) Female XLR line inputs, XLR RTA Mic input
 Type: Electronically balanced/RF filtered
 Impedance: > 40k Ω
 Max input line level: +20dBu
 CMRR: > 45dB
 RTA Mic Phantom Voltage: +15VDC
 RTA Mic EIN: < -110dBu, 22Hz-22kHz, 150 Ω

Analog Outputs:

Number of Outputs: 6
 Connectors: Male XLR
 Type: Electronically balanced, RF filtered
 Impedance: 120 ohms
 Max Output Level: +20dBu

A/D Performance:

Type: dbx Type IV conversion system
 Dynamic Range line: 110 dB A-weighted, 107 dB unweighted
 Type IV dynamic range: 123 dB with transient material, A-weighted, 22kHz BW
 121 dB with transient material, unweighted, 22kHz BW
 115 dB typical with program material, A-weighted, 22kHz BW
 Sample Rate: 48kHz

D/A Performance:

Dynamic Range: 112 dB A-weighted, 110dB unweighted

System Performance:

Dynamic Range: 110 dB unweighted, >107dB weighted,
 THD+N: 0.002% typical at +4dBu, 1kHz, 0dB input gain
 Frequency Response: 20Hz – 20kHz, +/- 0.5dB
 Interchannel Crosstalk: >110dB, 120dB typical
 Crosstalk input to output: >100dB
 Delay: 10ms per channel (60 ms total)

dbx engineers are constantly working to improve the quality of our products. Specifications are, therefore subject to change without notice.

FOR MORE INFORMATION CONTACT:

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The Professional's Choice In Signal Processing

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