

# DriveRack® PA

Complete Equalization & Loudspeaker Control System

**dbx**<sup>®</sup>  
PROFESSIONAL PRODUCTS

## VISIONARY DESIGN

Drive your PA to a whole new level of performance with the DriveRack® PA Complete Equalization & Loudspeaker Control System. The DriveRack PA from dbx Professional Products represents a complete integration of the key elements that help ensure optimal loudspeaker system management in PA-specific applications. Capitalizing on the legendary 480 DriveRack technology, the DriveRack PA is able to provide its user with top-tier, pro-level loudspeaker management specifications, yet still remain appealing to the budget-conscious audiophile who requires a tried and true utilitarian workhorse. With its all-inclusive, no-compromise design, the DriveRack PA has been systematically developed and designed to grow with your system needs for years to come.

## REVOLUTIONARY ENGINEERING

The DriveRack PA 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 PA was designed with the purpose and vision of providing state-of-the-art signal processing, 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](http://www.dbxpro.com).

## FEATURES

- **Stereo Feedback Elimination with 12 feedback notch filters**
- **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**
- **JBL® Speaker and Crown Power Amp Tunings with Setup Wizard**
- **25 User Programs / 25 Factory Programs**
- **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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## 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  $\Omega$   
Max input line level: +20dBu  
CMRR: > 45dB  
RTA Mic Phantom Voltage: +15VDC  
RTA Mic EIN: < -110dBu, 22Hz-22kHz, 150 $\Omega$

### 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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