

DriveRack® PA+

Complete Loudspeaker Management System

dbx[®]
PROFESSIONAL PRODUCTS



Product Overview

The best just got even better! The DriveRack PA, far and away the world's most popular loud speaker management system has now become the DriveRack PA+. Showcasing all the features that users around the world have come to expect, including easy set up, rock-solid reliability and unparalleled sound quality, the new version has gone to great lengths to earn its "plus." With more settings, more control and enhanced circuitry, the sound you seek is right at your fingertips.

Although the DriveRack PA+ is loaded with functions and features, it is easy to set up and use. The dbx exclusive Set Up Wizard walks you through system set up with easy to follow step-by-step instructions. Just pick your speakers and amps from the built-in list on the PA+ and then let the Auto Level™ Wizard fine tune the level settings of each speaker. You can then let the Auto EQ™ Wizard help you further optimize your sound. Finish up by using the AFS® Wizard, which automatically sets filters to eliminate any feedback during performances. Within minutes, your system will sound like it was tuned by a pro. No experience required! Get the most out of your PA with the DriveRack PA+, the worldwide standard in loudspeaker management.

Features

- ▶ Setup Wizard Steps Through Speaker and Amp Selection and Levels
- ▶ Auto EQ™ Wizard with 28-Band RTA Tunes Your System For The Venue
- ▶ Auto Level™ Wizard Balances Your System
- ▶ AFS® Wizard Helps Eliminate Feedback
- ▶ Stereo Feedback Elimination with 12 feedback notch filters
- ▶ dbx 120A Sub-harmonic Synthesizer
- ▶ Classic dbx Input Compression
- ▶ JBL® Speaker and Crown® Power Amp Tunings included
- ▶ USB Firmware and Speaker Tunings Field Updatable With Harman HiQnet™ System Architect
- ▶ Full time RTA function
- ▶ Front-Panel Output Mutes
- ▶ Pink Noise Generator (used with Auto EQ and Auto Level Wizards)
- ▶ Linked Stereo DSP Processing for ease of use
- ▶ 24-Bit ADC/24-Bit DAC, >113 dB Dynamic Range
- ▶ 2-Channel XLR Input and 6-Channel XLR Output
- ▶ 2x3, 2x4, 2x5, 2x6 Crossover Configurations
- ▶ Dual 28-band Graphic EQ- Linked or Dual Mono
- ▶ Stereo Multi-band Parametric EQ
- ▶ Stereo Output Limiters
- ▶ Output Alignment Delay
- ▶ Power on/off Mute Circuitry
- ▶ Front-panel RTA-M XLR input with phantom power
- ▶ 25 User Programs/25 Factory Programs
- ▶ Full Graphic LCD Display
- ▶ Front Panel Input and Output Meters

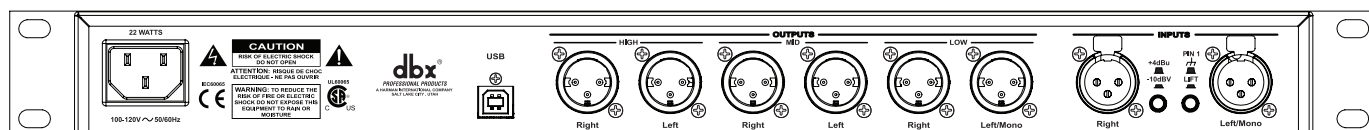
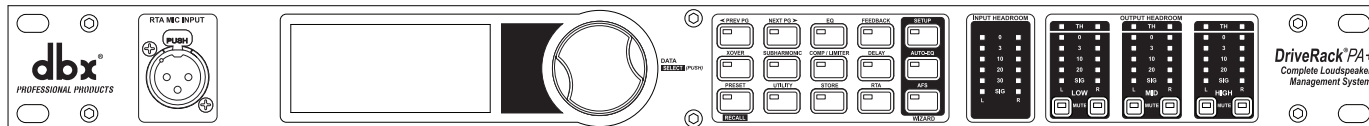
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Specifications

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:	> 40kohm
Max input line level:	> +20dBu
CMRR:	> 45dB
RTA Mic Phantom Voltage:	+15VDC
RTA Mic EIN:	< -117dBu, 22Hz-22kHz, 150

ANALOG OUTPUTS:

Number of Outputs:	(6) Line Outputs
Connectors:	Male XLR
Type:	Electronically balanced, RF filtered
Impedance:	120 ohms
Max Output Level:	> +20dBu
CMRR:	> 45dB
Alignment Delay:	10ms per channel (60ms total)

A/D PERFORMANCE:

Type:	dbx Type IV conversion system
Dynamic Range:	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, 110 dB unweighted
Sample Rate:	48kHz

SYSTEM PERFORMANCE:

Dynamic Range:	110 dB A-weighted, >107 dB unweighted
THD+N:	0.004% typical at +4 dBu, 1kHz, 0 dB input gain
Frequency Response:	20Hz – 20kHz, +/- 0.5 dB
Interchannel Crosstalk:	< -110 dB, -120 dB typical
Crosstalk input to output:	< -100 dB

POWER SUPPLY:

Operating Voltage:	100-120VAC 50/60 Hz - EU: 220-240 VAC 50/60 Hz,
Power Requirements:	25 Watts

PHYSICAL:

Weight:	5.5 lbs.(2.5 kg) Shipping weight 7 lbs. (3.18 kg)
Dimensions:	1.75" (4.4cm) H x 5.75" (14.6cm) D x 19" (48.26cm) W