

## dbx DriveRack 260

# dbx DriveRack 260 User Manual

Model: DriveRack 260 | Brand: dbx

## 1. INTRODUCTION

The dbx DriveRack 260 is a comprehensive 2x6 I/O Loudspeaker Management System designed to optimize and protect your loudspeakers in live sound applications. It integrates essential audio processing functions such as crossover, graphic EQ, parametric EQ, Auto-EQ, and limiting into a single unit, simplifying system setup and enhancing sound quality.

## 2. KEY FEATURES

- **All-in-One Loudspeaker System Management:** Two-channel input with six-output architecture provides full bandpass, crossover, EQ, compression, and limiting—delivering pristine, customizable sound for any venue setup.
- **Advanced Feedback Suppression (AFS):** Patent-pending AFS actively eliminates feedback in real time—perfect for live sound engineers managing unpredictable stage environments.
- **Professional-Grade Input Tools:** Features a 28-band graphic EQ, dbx compressor, subharmonic synthesizer, and feedback eliminator—ensuring optimal sound shaping and signal integrity before amplification.
- **PeakStopPlus Limiting & Alignment Delay:** Protect your speakers with built-in limiting, and time-align your system with delay controls—ideal for safeguarding gear and improving phase accuracy.
- **Intuitive Setup with Wizard + DriveWare GUI:** Easy-to-use setup wizard and software GUI simplify complex configurations—saving time for contractors and FOH engineers during installs or soundchecks.

## 3. PRODUCT OVERVIEW



Figure 3.1: Front view of the dbx DriveRack 260 loudspeaker management system, showcasing its display, control knob,

and various buttons.



Figure 3.2: Detailed view of the front panel, highlighting the input and output metering, function buttons, and the RTA mic input.



Figure 3.3: Rear panel of the DriveRack 260, showing the power input, PC connection, DriveRack controller port, and the XLR input/output connectors.



Figure 3.4: Side perspective of the dbx DriveRack 260, illustrating its rack-mountable design and ventilation.

## 4. SETUP

Setting up the DriveRack 260 involves connecting it to your audio system and configuring its settings. The unit features a built-in setup Wizard to guide you through the process, or you can use the intuitive DriveWare software for computer-based control.

### 4.1 Initial Connections

1. Ensure all audio equipment (mixers, amplifiers, loudspeakers) is powered off before making connections.
2. Connect your audio source (e.g., mixer output) to the **INPUTS** (XLR) on the rear panel of the DriveRack 260.
3. Connect the **OUTPUTS** (XLR) of the DriveRack 260 to the inputs of your power amplifiers, ensuring correct channel assignment (e.g., Low, Mid, High).
4. If using the Auto-EQ function, connect an RTA (Real-Time Analyzer) microphone to the **RTA MIC INPUT** on the front panel.
5. For computer control, connect an Ethernet cable from the DriveRack 260 to your network router or directly to your computer.
6. Connect the power cable to the unit and a suitable power outlet.

### 4.2 System Configuration (Wizard)

The DriveRack 260's setup Wizard simplifies system configuration:

1. Power on the DriveRack 260. The display will guide you through initial setup.
2. Select your speaker configuration (e.g., Full Range, 2-Way, 3-Way) and speaker types.
3. Follow the on-screen prompts to perform Auto-EQ, which automatically adjusts equalization for optimal room response.

- 4. The Advanced Feedback Suppression (AFS) algorithm can be configured to identify and eliminate feedback frequencies.
- 5. Adjust crossover points and limiter settings as recommended by the Wizard or to suit your specific system requirements.

## 5. OPERATING INSTRUCTIONS

Once set up, the DriveRack 260 provides various controls for fine-tuning your sound system.

### 5.1 Front Panel Controls

- **Display Screen:** Shows current settings, menus, and metering.
- **Navigation Wheel:** Used to scroll through menus and adjust parameter values.
- **Function Buttons:** Dedicated buttons for direct access to key functions like EQ, Crossover, Compressor, Limiter, AFS, and Delay.
- **Input/Output Meters:** Provide visual indication of signal levels.

### 5.2 DriveWare Software Control

For advanced control and visual feedback, connect the DriveRack 260 to a computer via Ethernet and use the DriveWare software. This allows for comprehensive system management from a graphical user interface.

*Note: No official product videos from the seller were found for this model. Please refer to the user manual for detailed operational procedures.*

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your dbx DriveRack 260, follow these maintenance guidelines:

- Keep the unit clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Ensure proper ventilation around the unit to prevent overheating. Do not block the ventilation slots.
- Store the unit in a cool, dry environment when not in use.
- Regularly check all cable connections for secure fit and signs of wear.
- Perform firmware updates as recommended by dbx to ensure access to the latest features and performance enhancements.

## 7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your DriveRack 260.

Problem	Possible Cause	Solution
No audio output	Incorrect cabling; Mute engaged; Incorrect input/output routing.	Check all XLR connections. Ensure no channels are muted. Verify routing in the DriveWare software or via front panel.
Feedback issues	Microphone too close to speakers; AFS not properly configured.	Reposition microphones. Run the AFS Wizard to re-analyze and suppress feedback frequencies.

Problem	Possible Cause	Solution
Distorted sound	Input/output levels too high; Limiter settings incorrect.	Reduce input or output gain. Check PeakStopPlus Limiter settings to ensure they are not over-compressing the signal.
Cannot connect via Ethernet	Network configuration issue; Incorrect IP settings.	Ensure the Ethernet cable is securely connected. Verify network settings (DHCP/Static IP) on both the DriveRack and your control device. Consult your network administrator if necessary.

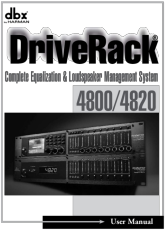
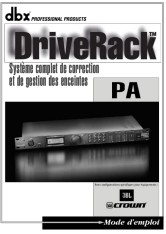


## 8. SPECIFICATIONS

Feature	Detail
Model Name	DriveRack 260
Speaker Type	Processor
Recommended Uses	Loudspeaker management, audio processing, sound system control
Compatible Devices	Amplifiers, Ears, Loudspeakers
Unit Count	1.0 Count
Color	Black
Item Weight	8.6 Pounds (3.9 kg)
Power Source	Corded Electric
Input Voltage	120 Volts
Mounting Type	Rack Mount
Material	Metal
Product Dimensions	22.5 x 11.5 x 3.5 inches (57.15 x 29.21 x 8.89 cm)
Connectivity Technology	XLR
UPC	600599649071, 691991400483

## 9. WARRANTY AND SUPPORT

The dbx DriveRack 260 comes with a Limited Warranty. For specific warranty terms, duration, and claim procedures, please refer to the warranty card included with your product or visit the official dbx website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact dbx customer support through their official website or authorized service centers. Keep your purchase receipt and product serial number handy for faster service.

## Related Documents - DriveRack 260

	<p><a href="#">dbx DriveRack 4800/4820 User Manual: Complete Equalization &amp; Loudspeaker Management System</a></p> <p>Comprehensive user manual for the dbx DriveRack 4800 and 4820, detailing features, operation, safety, and technical specifications for these professional equalization and loudspeaker management systems.</p>
	<p><a href="#">dbx DriveRack PA : Mode d'emploi et Guide d'utilisation</a></p> <p>Manuel d'utilisation complet pour le système de correction et de gestion d'enceintes dbx DriveRack PA. Découvrez les fonctionnalités, la configuration, l'édition des paramètres et les applications pour optimiser votre système audio professionnel.</p>
	<p><a href="#">dbx 1046 Quad Compressor Limiter Operation Manual</a></p> <p>Comprehensive operation manual for the dbx 1046 Quad Compressor Limiter, detailing its features, controls, applications, and installation for professional audio systems. Learn about its V2™ VCA technology for enhanced performance.</p>
	<p><a href="#">dbx 2-Series Graphic Equalizers User Manual</a></p> <p>User manual for the dbx 2-Series Graphic Equalizers, detailing features, safety instructions, installation, operation, typical applications, and technical specifications for professional audio equipment.</p>
	<p><a href="#">dbx 166xs Dual Compressor/Limiter/Gate User Manual</a></p> <p>Comprehensive user manual for the dbx 166xs Dual Compressor/Limiter/Gate, detailing features, operation, connections, and technical specifications for professional audio applications.</p>
	<p><a href="#">dbx Model 166 Two-Channel Gated Compressor/Limiter Service Manual</a></p> <p>Comprehensive service manual for the dbx Model 166 Two-Channel Gated Compressor/Limiter, providing detailed technical specifications, operational guidance, hookup diagrams, circuit descriptions, troubleshooting steps, and alignment procedures for technicians and audio professionals.</p>