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The secret to making speakers sound great lies with the crossover you use. With the dbx® 223xs Crossover you'll get great performance, ultra low-noise, rugged reliability and four decades of dbx knowledge and expertise in building the world's finest processors. The 223xs uses precision filters to separate the audio signal and direct the correct frequencies to your loudspeaker drivers. By directing only the specific frequency bands to each speaker driver the 223xs leaves your amplifiers free to use their full power on the usable signal eliminating distortion and giving your PA system a cleaner and better sound. The dbx 223xs is a dual channel crossover with all the features you would expect from a professional product. It features Linkwitz-Riley 24dB per octave filters, independent output gain controls for level matching, output phase inversion, 40 Hz low cut filter, and optional mono summing of the low frequency (subwoofer) output. Everything in the design exudes great precision from the solid "click" controls to the high quality XLR inputs and outputs. Recommended for: Portable.   control app for all 4 major OSes The DriveRack® PA2 provides all the processing you need between your mixer and amplifiers to optimize and protect your loudspeakers. With the latest advancements in dbx's proprietary AutoEQ™ and AFS™ algorithms, a new input delay module for delaying the FOH system to the backline, Ethernet control via an Android®, iOS®, Mac®, or Windows® device, and updated Wizards, the DriveRack PA2 continues the DriveRack legacy of great-sounding, powerful, and affordable loudspeaker management processors, for a whole new generation. AutoEQ™ New, improved AutoEQ algorithm ensures an extremely accurate, fast, and non-intrusive automatic EQ experience. With the RTA Mic "listening" to your room, the new, updated DriveRack PA2 AutoEQ algorithm sets speaker levels and room EQ automatically in a matter of seconds. This means room adjustments can now be made very quickly, without subjecting the audience to annoying, lengthy broadcasts of pink noise. Enhanced AFS™ Feedback Elimination Enhanced AFS™ algorithm for faster, more precise feedback elimination, without adversely affecting your system's tone. Nothing turns audiences away like annoying and potentially painful audio feedback. Fortunately, dbx engineers have revisited their already-stellar Advanced Feedback Suppression algorithm and made it work even better. The DriveRack PA2 listens for and anticipates feedback and adjusts speaker output automatically before it even has a chance, while never altering your sound. Updated Wizard Setup Functions Updated Wizards make initial set up easy, while ensuring speaker tunings and other settings are up-to-date. Wizard functions on the DriveRack PA2 guide you through easy, step-by-step processes to help you get the most from your loudspeaker system. Helps you easily configure level balancing, AutoEQ, Advanced Feedback Suppression, and provides access to built-in and constantly updating speaker tunings from most major speaker manufacturers. dbx Compression AFS™ (Advanced Feedback Suppression) Graphic EQ 8-Band Parametric EQ (adjusted when using the AutoEQ) Subharmonic Synthesis Crossover (supports full range, 2-way, and 3-way systems) 8-Band Parametric EQs (used for speaker tunings) dbx Limiting Driver Alignment Delays Recommended for: Installed, Portable, Tour. Software Latest Version Platform Related Products AMX dbx ZonePRO Controllers v2.1 (Windows) 2.1 Windows 1260, 1260m, 1261, 1261m, 640, 640m, 641, 641m CX Series Loudspeaker Control System CX2400 (China), CX3600 (China), CX4800 (China) Crestron dbx ZonePRO controller v3.0 (Windows) 3.0 Windows 1260, 1260m, 1261, 1261m, 640, 640m, 641, 641m DriveRack 260 Updater v1.60 (Windows) 1.60 Windows DriveRack 260 DriveWare v2.6.2 (Windows) 2.6.2 Windows DriveRack 260 PA2 Control App v1.1.4 (Android) 1.1.4 Android DriveRack PA2 PA2 Control App v1.1.1 (iOS 7.0 or later) 1.1.1 iOS 7.0 or later DriveRack PA2 PA2 Control App v1.1.4 (Windows) 1.1.4 Windows DriveRack PA2 PA2 Control App v1.1.4 (Mac OS X) 1.1.4 Mac OS X DriveRack PA2 PA2 Firmware Updater v1.2.0.0 (Windows) 1.2.0.0 Windows DriveRack PA2 VENU360 Control App v2.0.5 (Android) 2.0.5 Android DriveRack VENU360 VENU360 Control App v2.0.5 (iOS 7.0 or later) 2.0.5 iOS 7.0 or later DriveRack VENU360 VENU360 Control App v2.0.5 (Windows) 2.0.5 Windows DriveRack VENU360 VENU360 Control App v2.0.5 (Mac OS X) 2.0.5 Mac OS X DriveRack VENU360 VENU360 Firmware Updater v2.0.5.0 (Windows) 2.0.5.0 Windows DriveRack VENU360 ZonePRO GUI Designer v3.3 (Windows) 3.3 Windows 1260, 1260m, 1261, 1261m, 640, 640m, 641, 641m ZonePRO String Calculator v1.3 (Windows) 1.3 Windows 1260, 1260m, 1261, 1261m, 640, 640m, 641, 641m Adding a dbx® 266xs Compressor/Gate to your live sound rig or studio gives you more dynamic control to help create a more polished, professional sound. Having compression in your audio chain gives you the ability to smooth out uneven levels, add sustain to guitars and fatten up your drums. It also makes it easy to bring vocals to the front of your mix - adding greater clarity and making them stand out from the surrounding instruments. dbx knows compressors...after all we invented them! The 266xs is the latest in a long line of the world's most successful compressors from the inventors of the technology. Its patented Overeasy® compression technology provides smooth and musical performance while the AutoDynamic™ attack and release controls, found only on dbx compressors, puts great sound within easy reach. The 266xs can operate in stereo or dual-mono modes, has true RMS power summing and features quality XLR and 1/4" TRS inputs and outputs. It cuts no corners on visual feedback with gain reduction metering and easy-to-read backlit switches. Recommended for: Portable, Tour, Studio. Note: some browsers hide scrollbars until you begin scrolling. If you don't see scrollbars on these panels, position your mouse over a panel and scroll with your mouse wheel. Or use two fingers on most touchpads and touchscreens. Larger Images There is a reason that Tour Sound Professionals and discriminating Audio Contractors choose dbx® DriveRack® products for their high-end tours and installs. The DriveRack products provide the tools that ensure that the system sounds its very best. With the introduction of the new 260, the heritage of unrivaled system/loudspeaker control continues. The 260 capitalizes on the road tested and contractor approved nature of the other products in the DriveRack line. The 260 provides full bandpass and crossover configurations as well as independent output processing and a full time RTA for live sound applications. Contractors will appreciate its control inputs for wall-panel logic control and the patent-pending Advanced Feedback Suppression (AFS™). The DriveRack 260 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 260 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, PeakStopPlus® limiters (to provide protection against speaker blowouts) and alignment delay. These features combined with the Wizard setup system and complete DriveWare™ GUI control represent a methodical design that is guaranteed to deliver optimal, all-inclusive processing in a completely scalable system. Recommended for: Installed, Portable, Tour. Feedback Elimination 2.7 Seconds of Alignment and Zone Delay RS-232 PC GUI control Classic dbx Compression and Limiting Graphic and Parametric EQ Auto-EQ Function Full Bandpass, Crossover, and Routing Configurations Auto Gain Control Pink Noise Generator and fulltime RTA Setup Wizard with JBL speaker and Crown Power Amplifier Tunings Security Lockout Wall Panel Control Inputs Input (2) line inputs. (1) RTA Mic input Input Connectors (2) Female XLR line inputs. XLR RTA Mic input Input Type Electronically balanced/RF filtered Input Impedance >40k ohm Max Input +30dBu with input jumpers in +30 position CMRR > 45dB Mic Preamp Phantom Power +15VDC (RTA) Mic Preamp Equivalent Input Noise (EIN) < -110dB, 22Hz-22kHz, 150 ohm (RTA) Output 6 total Output Connectors Male XLR Output Type Electronically balanced, RF filtered Output Impedance 120ohm Max Output +22dBu A/D Converter dbx Type IV™ Conversion System A/D Dynamic Range (line) >113 dB, A-weighted, >110 dB unweighted Type IV Dynamic Range >119 dB, A-weighted, 22kHz BW; >117 dB, A-weighted, 22kHz BW Sample Rate 48kHz D/A Dynamic Range 112 dB A-weighted, 109dB unweighted Dynamic Range >110 dB A-weighted, >107dB unweighted THD+Noise 0.003% typical at +4dBu, 1kHz, 0dB gain Frequency Response 20Hz - 20kHz, +/- 0.5dB Interchannel Crosstalk >110dB, 120dB typical, (input-to-output: >100dB) The optional RTA-M real time audio analyzing mic is the perfect accessory tool for the DriveRack PA series (PA, PX, PA+, PA2) and 260. Used in conjunction with the System Setup Wizard and Auto EQ Wizard the RTA-M is ideal for optimizing the sound quality of even the most difficult of acoustic environments. The RTA-M is an omni-directional, flat frequency measurement microphone specially designed for the Driverack series to pick up all frequencies from 20 Hz to 20 kHz , ensuring accurate "pinking"/real-time analysis of your audio. It runs on phantom power (supplied by the Driverack units) and comes with a clip and case. Polar Pattern : omni-directional Element : back electret-Condenser Frequency Response : 20 Hz - 20 kHz Impedance : 250 30% (at 1,000Hz) Sensitivity : -63 dB +-3 dB (0 dB=1V/ microbar 1,000 Hz indicated by open circuit) Operating Voltage : phantom power 9V-52VDC CAD drawing front [16.1 KB] Cut Sheet-English [168 KB] Register Your DriveRack 260 Contact Technical Support Anytime Help Center View this page in another language

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