Crown Amplifier Warranty
WORLDWIDE EXCEPT USA & CANADA

SUMMARY OF WARRANTY

Crown International, 1718 West Mishawaka Road, Elkhart, Indiana 46517-4095 U.S.A. warrants to you, the ORIGINAL PURCHASER and ANY SUBSEQUENT OWNER of each NEW Crown product, for a period of three (3) years from the date of purchase by the original purchaser (the "warranty period") that the new Crown product is free of defects in materials and workmanship, and we further warrant the new Crown product regardless of the reason for failure, except as excluded in this Warranty.

Warranty is only valid within the country in which the product is purchased.

1 Note: If your unit bears the name "Amcron," please substitute it for the name "Crown" in this warranty.

ITEMS EXCLUDED FROM THIS CROWN WARRANTY

This Crown Warranty is in effect only for failure of a new Crown product which occurred within the Warranty Period. It does not cover any product which has been damaged because of any intentional misuse, accident, negligence, or loss which is covered under any of your insurance contracts. This Crown Warranty also does not extend to the new Crown product if the serial number has been defaced, altered, or removed.

WHAT THE WARRANTOR WILL DO

We will remedy any defect, regardless of the reason for failure (except as excluded), by repair, replacement, or refund. We may not elect refund unless you agree, or unless we are unable to provide replacement, and repair is not practical or cannot be timely made. If a refund is elected, then you must make the defective or malfunctioning product available to us free and clear of all liens or other encumbrances. The refund will be equal to the actual purchase price, not including interest, insurance, closing costs, and other finance charges less a reasonable depreciation on the product from the date of original purchase. Warranty work can only be performed at our authorized service centers. We will remedy the defect and ship the product from the service center within a reasonable time after receipt of the defective product at our authorized service center.

HOW TO OBTAIN WARRANTY SERVICE

You must notify your local Crown importer of your need for warranty service within the warranty period. All components must be shipped in the original box. Corrective action will be taken within a reasonable time of the date of receipt of the defective product by our authorized service center. If the repairs made by our authorized service center are not satisfactory, notify our authorized service center immediately.

DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

YOU ARE NOT ENTITLED TO RECOVER FROM US ANY INCIDENTAL DAMAGES RESULTING FROM ANY DEFECT IN THE NEW CROWN PRODUCT. THIS INCLUDES ANY DAMAGE TO ANOTHER PRODUCT OR PRODUCTS RESULTING FROM SUCH A DEFECT.

WARRANTY ALTERATIONS

No person has the authority to enlarge, amend, or modify this Crown Warranty. This Crown Warranty is not extended by the length of time which you are deprived of the use of the new Crown product. Repairs and replacement parts provided under the terms of this Crown Warranty shall carry only the unexpired portion of this Crown Warranty.

DESIGN CHANGES

We reserve the right to change the design of any product from time to time without notice and with no obligation to make corresponding changes in products previously manufactured.

LEGAL REMEDIES OF PURCHASER

No action to enforce this Crown Warranty shall be commenced after expiration of the warranty period.

THIS STATEMENT OF WARRANTY SUPERSEDES ANY OTHERS CONTAINED IN THIS MANUAL FOR CROWN PRODUCTS.   9/07

INSTALL

STUDIO

TOUR

FULL LINE CATALOG | 2012

dbx
by HARMAN

162SL
COMPRESSOR
LIMITER

PEAK

METER SELECTION

INPUT   OUTPUT   G.R.

BYPASS

Be sure to join us today at www.facebook.com/dbxpro and
www.twitter.com/dbxpro for news, inside scoops and giveaways!

dbxpro.com   youtube.com/
dbxprofessional   facebook.com/
dbxpro   twitter.com/
dbxpro

HISTORY

It began 40 years ago with the vision of a single man to create a better way to record audio and that vision has continued into a new millennium. The late David Blackmer, who is universally considered to be the father of modern Compression, had a quest to improve the dynamic range of analog recordings using decibel expansion. This quest produced the decilinear VCA and RMS detector which taken together have changed the sonic landscape and made possible so many of our current audio technologies. In 1971, Mr. Blackmer founded dbx® which has collectively produced over 35 patents that continue to forge and reshape the landscape in the Live Sound, Studio Recording, and Installed Sound professional audio markets today. Our award-winning team of designers and engineers have embraced Mr. Blackmer's passion for audio purity with a vengeance, and continue to design and build the precise and accurate tools necessary for today's audio production. From our rock-solid Analog products like the 20-Series EQs and 10-Series Compressors, to our cutting-edge Performance and Commercial Audio products – our System Core (SC), DriveRack and ZonePRO lines – we provide the tools to accommodate all of your audio needs. This brochure is designed to help you navigate through our many product solutions and find the ones that meet your exact needs.

CONTENTS

FULL LINE

dbx by HARMAN

SC 64
DIGITAL MATRIX PROCESSOR
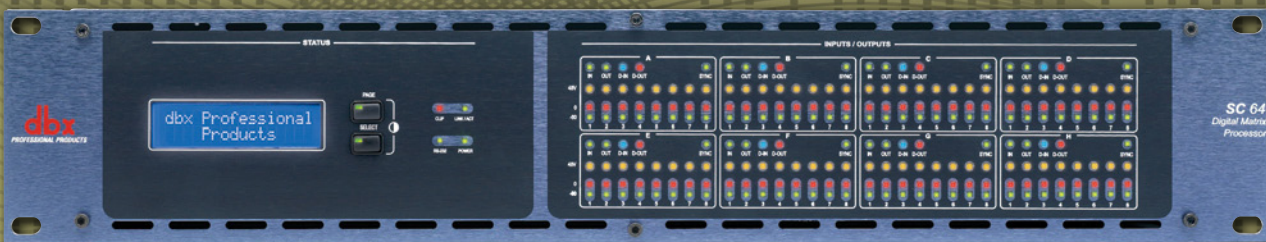
HiQnet is a *communications protocol* or language with which all device-types within the full audio signal path can communicate.

Co-developed and shared by elite engineers from all the brands within the Harman Pro group, HiQnet merges the best features of all previous brand-independent communications protocols and thereby benefits from years of combined experience and is simultaneously optimized for all components of the full professional audio system.

The SC 64 (System Core) is one of the first offerings in a new family from dbx® Professional Products. Wizard-driven configuration using HiQnet™ System Architect makes unprecedented DSP power, incredible routing flexibility and a rich palette of processing tools accessible with the minimum of training. The SC 64 represents the professional foundation on which to build even the most demanding integrated system.

The SC 64 has a total analog I/O count of 64, configurable in banks of eight. The chassis supports up to eight analog input and/or analog output cards facilitating nine different fully loaded configurations. Analog input cards accommodate a wide range of sources with mic/line switching and phantom power per input. Two high speed option slots provide facility

for adding forthcoming high bandwidth audio transport I/O cards.

With dedicated DSP for common processing functions and insert positions for specialized processing, the SC 64 offers many processing functions including Advanced Feedback Suppression (AFS™), Ambient Noise Compensation (ANC), priority ducking, parametric equalization (PEQ), delay and dynamics.

The SC 64 has a diverse range of control options including HiQnet™ System Architect custom control panels, Ethernet, serial, contact closure, the popular ZC wall controllers and even automatically scheduled events. With so many methods of control, an SC system can truly be tailored to suit the needs and technical expertise of the intended user.

- 64 channels of analog I/O configurable in banks of 8
- Mic / Line and Phantom Power per channel on Analog Input Cards
- Ethernet / Serial Control
- GPIO
- Rich Palette of Processing Tools
- Selectable DSP inserts on all inputs and outputs including Advanced Feedback Suppression (AFS™), Automatic Gain Compensation (AGC), Compression, De-Essing and Notch Parametric Equalization

- Complete routing flexibility
- Comprehensive configuration, control and monitoring from HiQnet System Architect
- Wizard configuration
- Events Scheduler
- Optional Media Engine for media playback and delayed page
- Optional ZC wall panel control

"The dbx SC64 is a total solution for matrix routing of multiple audio signals in many of our installations. The HiQ Net interface is second to none. Flawless."

-James Welsh, Project Manager, Welsh Sound -Via Facebook
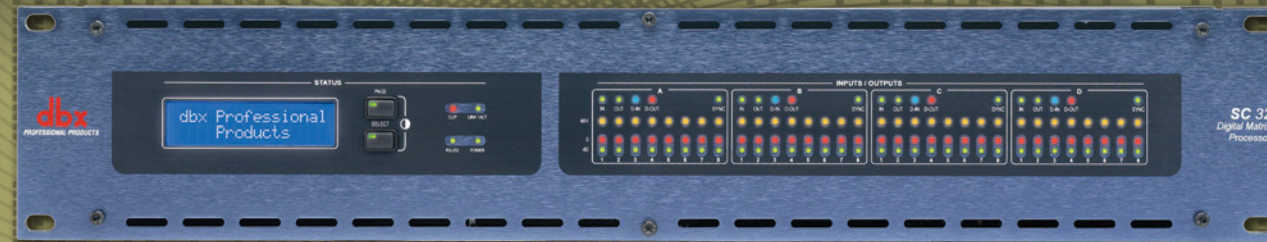
SC 32
DIGITAL MATRIX PROCESSOR

The SC 32 (System Core) is one of the first offerings in a new family from dbx® Professional Products. Wizard-driven configuration using HiQnet™ System Architect makes unprecedented DSP power, incredible routing flexibility and a rich palette of processing tools accessible with the minimum of training. The SC 32 represents the professional foundation on which to build even the most demanding integrated system.

The SC 32 has a total analog I/O count of 32, configurable in banks of eight. The chassis supports up to four analog input and/or analog output cards facilitating five different fully loaded configurations. Analog input cards accommodate a wide range of sources with mic/line switching and phantom power per input. One high-speed option slot provides facility for adding forthcoming high-bandwidth audio transport

I/O cards. All of these features are housed in a sleek 2U rack chassis.

With dedicated DSP for common processing functions and insert positions for specialized processing, the SC 32 offers many processing functions including Advanced Feedback Suppression (AFS™), Ambient Noise Compensation (ANC), priority ducking, parametric equalization (PEQ), delay and dynamics.

The SC 32 has a diverse range of control options including HiQnet System Architect custom control panels, Ethernet, serial, contact closure, the popular Zone Controller wall controllers and even automatically scheduled events. With so many methods of control, an SC system can truly be tailored to suit the needs and technical expertise of even the scrutinizing contractor.

- 32 channels of analog I/O configurable in banks of 8
- Mic / Line and Phantom Power per channel on Analog Input Cards
- Ethernet / Serial Control
- GPIO
- Rich Palette of Processing Tools

- Selectable DSP inserts on all inputs and outputs including Advanced Feedback Suppression (AFS), Automatic Gain Compensation (AGC), Compression, De-Essing and Notch Parametric Equalization
- Complete routing flexibility
- Comprehensive configuration, control and monitoring from HiQnet System Architect

- Wizard configuration
- Events Scheduler
- Optional Media Engine for media playback and delayed page
- Optional ZC wall panel controllers

- 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
- Full Graphic LCD Display

Zone Controllers

The Zone Controllers offer extended utility to the SC, DriveRack® and ZonePro families. The nine Zone Controllers use analog DC voltage to provide logic control ranging from zone source selection, volume and muting, to program or scene selection and fire safety interface. Wired with readily available and affordable CAT5 cable with universally accepted RJ-45 connectors at distances up to 1000 ft, the ZC Zone Controllers offer simple yet elegant solutions to the contractor. For more information on Zone Controllers,

The 4820 is based on the same operating system as the DriveRack® 4800 without the Full Color QVGA Display Interface

- 48 and 96 kHz operation with Wordclock input
- Full Color QVGA Display (4800 only)
- 4 analog and AES/EBU inputs
- 8 analog and AES/EBU outputs
- Optional Jensen® I/O Transformers
- Full Bandpass Filter, Crossover and Routing Configurations with Bessel, Butterworth, and Linkwitz-Riley filters
- 31-Band Graphic and 9-band Parametric EQ on every input
- 6-band Parametric EQ on every output
- Loudspeaker Cluster and Driver Alignment Delays
- Selectable DSP inserts on all inputs and outputs including Classic dbx Compression, PeakStopPlus™, Limiting and AFS® Advanced Feedback Suppression among others
- Ethernet HiQnet networking and control
- dbx ZC wall panel control

DriveRack® 4800 | DriveRack® 4820

COMPLETE EQUALIZATION AND LOUDSPEAKER MANAGEMENT SYSTEM

Designed to provide incredible flexibility, sonic excellence and intuitive control for performance applications, the DriveRack 4800 is the new flagship of the hugely successful DriveRack family. From the powerful 96 kHz DSP engine and standard analog and digital I/O, to the QVGA display and multiple control surfaces, the 4800 provides all the processing, flexibility and control necessary for both installation and live use.

The DriveRack 4800 is the next generation of the famous DriveRack family, and like its predecessor it is engineered to provide "Everything you need between the mixer and the power amps". In keeping with this philosophy the 4800 includes four inputs and eight outputs with both analog and digital connectivity. The 96 kHz processing engine is capable of offering insert processing functions to customize the

processing path for your application, in addition to the standard system processing functions all with extremely low latency and extended frequency response. From Signal Routing, EQ, and Bandpass Filters, to classic dbx® Dynamics and AFS® Advanced Feedback Suppression, all the processing is available and with the sonic excellence that you would expect from the world's leading system processing manufacturer. With all this processing power available, control is of paramount importance. The DriveRack 4800 provides a full color display to speed manual operation; this combined with intuitive front panel controls, an easy to use GUI and optional wall panel controllers means that whether your application is tour sound or installation, the DriveRack 4800 has what it takes.

DriveRack® 260

COMPLETE EQUALIZATION AND LOUDSPEAKER CONTROL SYSTEM

The DriveRack 260 was designed to provide state-of-the-art signal processing, while maintaining a simple and intuitive control interface. This goal has been realized. From the powerful DSP modules to the multiple control surfaces, the 260 provides all the processing and control necessary for both installation and live use. Additionally, the Wizard function enables any user to quickly set up and use the 260 to its full potential by streamlining the setup process and providing a menu-based setup procedure that includes system setup and configuration, Auto-EQ, and Advanced Feedback Suppression (AFS™).

The DriveRack 260 is based on the same unparalleled design philosophy as the other products in the DriveRack family, namely, to provide "Everything you need between the mixer and the power amps." In keeping with that philosophy, the 260 offers 2 inputs and

6 outputs on XLR connectors. Each input channel provides a choice of EQ, either a 9-band Parametric or a 28-band Graphic EQ. Each input channel also boasts two selectable insert processors with a selection of Notch Filtering, classic dbx® Compression, Auto Gain Control, Sub-Harmonic Synthesis, or our own patented Advanced Feedback Suppression (AFS™). The DriveRack 260 also offers a configurable Delay with 2.7 seconds of total delay time. The 260 provides full Bandpass and Crossover filtering and routing including Bessel, Butterworth and Linkwitz-Riley topologies. There is parametric EQ available on each output as well as dbx PeakStopPlus™ Limiting. The 260 provides a full-time RTA for live sound applications, while contractors will appreciate its control inputs for wall-panel logic and volume control.

- 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 full-time RTA
- Setup Wizard with JBL speaker and Crown Power Amplifier Tunings
- Security Lockout
- Wall Panel Control Inputs
- Optional RTA-M microphone

"My clients say 'Thanks for a great sounding show with no feedback,' I just say, 'Thanks dbx.' "

- Emerson Jones -Via Facebook

DriveRack® 220i

SYSTEM PROCESSOR WITH ADVANCED FEEDBACK SUPPRESSION

Designed from the ground up to provide state-of-the-art signal processing, the DriveRack 220i is the perfect tool for any fixed-install application. With a full complement of processing features and Mic/Line inputs the DriveRack 220i can provide both system and microphone processing. Featuring the new, patented Advanced Feedback Suppression (AFS®) algorithm, equalization, dynamics processing, delay, matrix mixing, and bandpass filters, the DriveRack 220i will exceed your expectations.

The DriveRack 220i is piloted from the intuitive DriveWare GUI that offers both Configuration and Control of the processing modules. Modules can be accessed, edited and saved as part of programs. Processing modules can be linked between the channels for true stereo processing. If independent processing is desired, parameters can be copied from one channel to the next to ensure that setup is quick and easy. Stored programs can be loaded from either the front panel or from wall mounted Zone Controllers. Zone Controllers can also be used for output muting or adjusting output volumes.

Use the DriveRack 260 and 220i with Zone Controllers for control at the flick of a switch!

- Advanced Feedback Suppression (AFS)
- Graphic and Parametric EQ
- Compressor
- PeakStopPlus™ Limiter
- Auto Gain Control
- Noise Gating
- De-Esser
- Ducker
- Bandpass Filters
- 2x2 Matrix Mixer
- 1.3 Seconds of Delay
- RS-232 PC GUI control
- Mic/Line Inputs
- Wall Panel Control
- Security Lockout

DriveRack® PA+

COMPLETE EQUALIZATION AND LOUDSPEAKER CONTROL SYSTEM

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.

The optional RTA-M real time audio analyzing mic is the perfect accessory tool for the DriveRack PA and 260. Used in conjunction with the System Setup Wizard, the RTA-M is ideal for optimizing the sound quality of even the most difficult of acoustic environments.

"Don't take chances with the db police - use a designated Driverack."

- Dan Montecalvo -Via Facebook

- Setup Wizard Steps Through Speaker and Amp Selection and Levels
- Auto EQ™ Wizard with 28-Band RTA
- Auto Level™ Wizard
- AFS® Wizard
- 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

- Optimized for powered speakers
- Support stereo speakers and subwoofer(s)
- Supports JBL® and other popular powered speakers
- Easy-to-use wizards for setup, Auto-EQ™, and AFS®
- dbx® M2 measurement mic included
- Classic dbx compression with graceful PeakPlus™ limiters
- Patented AFS Advanced Feedback Suppression
- 120A Subharmonic Synthesizer
- Auto-EQ optimizes sound quality for any room
- Patented dbx Type IV™ conversion system
- 2 channel XLR input
- 2 channel XLR output
- 2 Channel XLR subwoofer output

"dbx DSP keeps you out of the red zone!"
-Thomas Lê
-Via Facebook

DriveRack® PX

POWERED SPEAKER OPTIMIZER

Powered speakers are a beautiful thing. Everything you need bundled into one simple, portable package. Just grab 'em and go, right? Well, you may think your powered speaker system is complete, but you're missing half the picture. DriveRack PX is the other half. In another dbx industry first, we've created a processor specifically tailored for powered speakers. Utilizing our highly-acclaimed DriveRack technology, the PX picks up where your powered speakers leave off.

The DriveRack PX Powered Speaker Optimizer has everything you need to get the most out of your stereo powered speaker system. It even includes stereo or mono subwoofer support. With the included dbx M2 measurement mic, Auto-EQ corrects for audible deficiencies in the room environment. Our

patented Advanced Feedback Suppression (AFS) kills nasty feedback, allowing problem-free operation at higher sound levels, while our patented Subharmonic Synthesizer extends bass response for enhanced bottom end. With all that, you also get classic dbx compression and the protection offered by our graceful PeakPlus™ limiting. Your ears, your audience, and your powered speakers will forever thank you.

In spite of all that sophistication, rest assured we won't overcomplicate the simplicity of your rig. Our exclusive Setup, Auto-EQ, and AFS Wizards, and out-of-the-box support for a host of JBL and other popular powered speakers, make setup a snap. Louder, clearer, better sound from your powered speakers has never been so easy.

ZonePRO™ 1260/m | ZonePRO™ 1261/m

DIGITAL ZONE PROCESSORS

ZonePRO™ 640/m | ZonePRO™ 641/m

DIGITAL ZONE PROCESSORS

Each of the eight members of the ZonePRO family of Digital Zone Processors represents an inexpensive and quickly deployed solution for a diverse range of commercial audio applications. Designed with contractors in mind, the ZonePRO devices feature Euroblock connectors for easy termination of balanced signals and RCA connectors for straightforward connection of consumer equipment. A simple analog bus allows sources to be shared among multiple ZonePRO devices, facilitating scalability of outputs for larger applications.

Input processing features gain control and EQ for all inputs and selectable DSP Inserts for microphone channels. Input Insert options include Automatic Gain Control (AGC), Notch Filter, Compressor, Gate, De-Esser and Advanced Feedback Suppression (AFS™).

The routing section of ZonePRO provides Primary Source Selection, Source Ducking for Paging and Priority Override. Output processing includes AutoWarmth®, a psychoacoustic function that maintains full frequency bandwidth even when the signal level has dropped. Each output also offers Crossover, EQ, AGC, Compressor, Limiter and Delay for system optimization.

All ZonePRO devices offer a built-in Real Time Clock that can provide programmable system changes at predetermined times. The recently-introduced ZonePRO devices, the 640m, 641m, 1260m and 1261m share the same total numbers of inputs and outputs as their equivalent siblings but feature additional mic/line inputs. This increase in the number of available microphone inputs further extends the suitability of the ZonePRO family into applications such as conference rooms and presentation spaces.

Ambient Noise Compensation (ANC) is also introduced on the ZonePRO 'm' devices. This processing function allows the level of zone outputs to track the ambient noise level, monitored through a microphone and microphone input. This feature is particularly well-suited to applications such as retail environments where the volume of the audio system can be matched automatically to the number of shoppers and their associated noise level.

ZonePRO devices are configured using ZonePRO Designer, a software application which contains a Configuration Wizard, which guides users through the step-by-step configuration process.

- Advanced Feedback Suppression (AFS)
- Graphic and Parametric EQ
- Compressor
- Limiter
- Auto Gain Control
- Noise Gating
- De-Esser
- Ducker
- Bandpass Filters
- 2x2 Matrix Mixer
- 1.3 Seconds of Delay
- RS-232 PC GUI control
- Mic/Line Inputs
- Wall Panel Control
- Security Lockout
- Advanced Feedback Suppression (AFS™)
- AutoWarmth®
- Automatic Gain Control (AGC)
- Notch Filter
- Compressor
- Gate
- De-Esser
- Limiter
- Parametric EQ
- Bandpass and Crossover Filters
- Security Lockout
- Wall Panel Control
- RS-232 Control
- Ethernet Control (see table)

FULL LINE

FULL LINE

ZonePRO™ 640/m | ZonePRO™ 641/m
DIGITAL ZONE PROCESSORS

ZonePRO Product Matrix

The ZonePRO™ family of Digital Zone Processors consists of eight devices with different functionality (see table below). Each device, with optional control from an extensive range of Zone Controllers, represents an inexpensive and quickly-deployed solution for a diverse range of commercial audio applications. The Configuration Wizard guides you through the step-by-step configuration process, ensuring that you go from requirements to solution in just a few mouse clicks.

	Inputs	Outputs	Front Panel Control	Mic Preamps	S/PDIF	Ethernet	Mix Functionality	ANC*
1260m	12	6	✓	6	✓	✓	✓	✓
1260	12	6	✓	2	✓	✓	✓	
1261m	12	6		6	✓	✓	✓	✓
1261	12	6		2	✓	✓	✓	
640m	6	4	✓	4		✓	✓	✓
640	6	4	✓	2				
641m	6	4		4		✓	✓	✓
641	6	4		2				

*Ambient Noise Compensation

Zone Controllers

The Zone Controllers use analog DC voltages to provide logic control ranging from Volume and Mute control to Contact Closure Program selection and can be used with SC 64 and 32, the DriveRack® 4800, 4820, 260 and 220i, and ZonePRO™ units. Wired with readily available and affordable CAT5 cable with universally accepted RJ-45 connectors, the ZC Zone Controllers offer simple yet elegant solutions to the contractor.

ZC1
Programmable Volume Control

ZC2
Programmable Volume & Mute

ZC3
Programmable Selection

ZC4
Program Selection

ZCBOB
"home-run" or parallel wiring

ZC6
Programmable Volume Control

ZC7
Programmable Push-To-Talk Page Assignment

ZC8
Programmable Volume and Source Select

ZC9
Source Selection

ZCFIRE
Fire Safety Interface

160SL
COMPRESSOR/LIMITER

The 160SL combines the best features of all the great dbx® compressors, past and present, and gives you more versatile performance than ever before. In addition to having the auto attack and release as well as the hard knee threshold characteristics of the classic dbx 160, the 160SL now offers AutoVelocity manual mode, in addition to our classic OverEasy® mode. dbx AutoVelocity technology allows you to find the exact attack and release effect you are looking for. Still on board is the venerable dbx Auto mode. Now you can set your maximum preferred settings in manual mode, and let the 160SL do the rest. The dbx 160SL features dual proprietary V8 VCA modules. This state-of-the-art implementation of dbx's original Blackmer decilinear VCA boasts an unheard-of 127dB dynamic range and ultra-low distortion. Encased in a specially designed aluminum-zinc housing for shielding and thermal characteristics, the V8 maintains its superior performance even in the harshest environments. The 160SL offers a plethora of features which include: variable attack and release controls, as well as dbx's latest limiting algorithm PeakStopPlus™, precision 0.1% and 1% resistors, gold-palladium-nickel contacts, Jensen® transformers, gold plated Neutrik® XLRs, and rare earth magnet signal switching relays with gold contacts, housed in a hermetically-sealed nitrogen environment and mounted on military-grade glass epoxy circuit boards. The end result is the most technologically advanced compressor in the world.

162SL
COMPRESSOR/LIMITER

The 162SL combines the best features of all the great dbx compressors, past and present, and gives you more versatile performance than ever before. In addition to having the auto attack and release, and the hard knee threshold characteristics of the classic dbx 160, the 162SL offers AutoVelocity™ manual mode, along with our classic dbx OverEasy® mode, made standard by the legendary dbx 165A. All of the 160SL's features, including variable attack and release controls and dbx's latest limiting algorithm PeakStopPlus™, are included in the 162SL. Its state-of-the-art implementation of dbx's original Blackmer decilinear VCA boasts an unheard of dynamic range and ultra-low distortion seen only previously in the Blue 160SL. With sonic clarity designed for the studio, the 162SL maintains its superior performance in harsh environment. Like its big brother, the 162SL takes full advantage of the best parts available and dbx's advanced manufacturing, including Jensen® transformers on each output standard. Following in the footsteps of the Blue Series® 160SL with the Purple Series 162SL, dbx continues to create to the most technologically advanced compressors in the world.

- Patent-pending AutoVelocity™ circuit
- 127dB of Dynamic Range
- High-Drive output transformer circuit drives 1000 ft. of Belden® cable at +30dBu with only .007% THD
- Switchable between Hard-knee and OverEasy® Compression
- Program-dependent "Auto," AutoVelocity™ or fully variable attack and release manual modes

"I choose dbx here in the studio because I won't sacrifice quality. I shape my sound with their classic VCA compression, and equalizers. I have confidence knowing that my sonic signature is not only a work of art...but the pen will NEVER break!"

-Jeremy Persinger

-Via Facebook

- Super fast manual attack and release
- High-Drive Jensen® output transformers
- Hard-knee/OverEasy® switchable
- Ultra-low distortion compression for unheard of clarity even under extreme gain reduction
- Program-dependent "Auto,"' Patent-pending AutoVelocity™ Manual, or fully variable attack and release modes