



ASHLY PROTEA™ DIGITAL SPEAKER PROCESSORS

NEW!

These easy-to-use, yet powerful processors offer superior sonic quality, an intuitive user interface, and powerful control software. The state-of-the-art DSP technologies include 24-bit/48kHz delta-sigma A/D and D/A converters with 128x oversampling and twin 120MHz high performance DSP processors to handle digital processing (including gain, polarity, invert, parametric EQ, shelving filters, time delay, crossover functions, compression, limiting, and signal routing.) Front and rear panel USB ports and RS232 port are provided for use with a PC running Ashly's free Protea Software Suite. The Protea software allows for faster system setup and visualization of I/O routing, EQ/Filter curves, and storing/recall of up to 30 presets. Both units are backwards-compatible with legacy units that use the *.pcc format, so your tried-and-true settings can be easily ported.

ITEM	DESCRIPTION	PRICE
3.6SP	3-in/6-out digital speaker processor	750.00
4.8SP	4-in/8-out digital speaker processor	1150.00



PEAVEY DIGITool™ SERIES PROGRAMMABLE AUDIO MULTI-PROCESSORS

High-powered digital audio processing units designed for use in live and install situations. These products have the power and flexibility to perform loudspeaker management functions in addition to matrix mixing, room combining and other audio processing functions. All Digitool models include MediaMatrix NION processors and are controllable via Nware (MediaMatrix programming and control application). Additional features include full-color LCD displays, front panel mute switches on all ins & outs, front panel edit buttons for encoder access for programming, 5-segment LED level meters on all channels, USB and Ethernet connections. The Digitool-Live is an 8-in/8-out model with XLR input and output connectors and is designed primarily for live use. The MX16 and MX32 are 8-in/8-out and 16-in/16-out models designed for install situations. They have terminal block inputs and outputs.

ITEM	DESCRIPTION	PRICE
DIGITool-LIVE	Multi-processor, 8x8, for live use	1199.00
DIGITool-MX16	Multi-processor, 8x8 for install use	975.38
DIGITool-MX32	Multi-processor, 16x16 for install use	CALL



RANE HAL1 DSP HARDWARE A room-combining, paging, and distributed audio system. Easily guides novice users through complex tasks in just minutes. Interfaces with applications through a variety of peripherals such as digital remotes, remote audio devices, auto mixers, bus expansion devices, and an advanced paging station. The included Halogen software checks that a system is properly connected and ready to go through status, location, CAT5 wiring integrity, and audio flow. Expand the I/O with the EXP1 expansion unit (up to 64-in/32-out with 4 EXP1 units.)

ITEM	DESCRIPTION	PRICE
HAL1	8x8 Euroblock analog I/O, Ethernet 1000 base-T CAT 5e	3199.00
EXP1	Expansion unit, 16-in/16-out, up to 4 units can be daisy-chained	950.00

Optional Accessories and Companion Products

PAGER1	Mic pre with paging zones selector, push-to-talk switch	359.00
Remote Audio Devices - Wall Panel Interfaces (available in black, ivory or white)		
RAD1	Dual XLR mic inputs	260.00
RAD3	Dual XLR line inputs	220.00
RAD4	Dual XLR line outputs	220.00
RAD5	AES3 input/output	279.00
RAD6	Mini & RCA stereo line input/output	255.00

More RADs available. See our website for details.

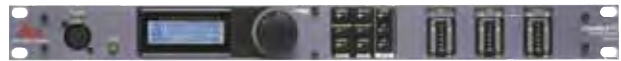
Digital Remote - Wall Panels with LCDs (available in black, ivory or white)

DR1	Volume remote	239.00
DR2	Selection remote	279.00
DR3	Volume and Selection remote	319.00



BEHRINGER DCX2496 ULTRA-DRIVE PRO 3X6 LOUDSPEAKER MANAGEMENT SYSTEM An indispensable tool for precise set-up of multiple loudspeaker systems. 1 AES/EBU input, 3 analog inputs, 6 analog outputs, parametric EQ for all inputs and outputs, limiters, a crossover (Butterworth, Bessel and Linkwitz-Riley) with selectable roll-off (6 to 48 dB/octave) and control software enabling single or multi remote control via PC through RS-232 and RS-485 interfaces and PCMCIA storage. XLR balanced I/O.

ITEM	DESCRIPTION	PRICE
DCX2496-ULTRADRIVE	3x6 processor	349.99



DBX DRIVERACK PX 2X2 POWERED SPEAKER OPTIMIZER Everything you need to get the most out of your powered speaker system, even stereo or mono subwoofer support. Auto-EQ corrects for the room environment with the included dbx M2 measurement mic. The Advanced Feedback System (AFS™) kills feedback, while the Subharmonic Synthesizer extends bass response. You also get classic dbx compression and PeakStopPlus limiting. The Setup, Auto-EQ, AFS Wizards, and out-of-the-box support makes setup a snap for a host of JBL and other popular powered speakers.

ITEM	DESCRIPTION	PRICE
DRIVERACK-PX	2 XLR input, 2 XLR output, 2 XLR sub output	399.95



DBX DRIVERACK-220I 2X2 SPEAKER CONTROLLER The perfect tool for any fixed-install application. With a full complement of processing features and Mic/Line inputs, it provides both system and microphone processing. Featuring the Advanced Feedback Suppression (AFS™) algorithm, equalization, dynamics processing, delay, matrix mixing, and bandpass filters. 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 which can also be used for output muting or adjusting output volumes.

ITEM	DESCRIPTION	PRICE
DRIVERACK-220I	2x2 speaker processor	629.95



DBX DRIVERACK PA+ 2X6 SPEAKER CONTROL PROCESSOR This is the perfect way to model your speaker system at an entry level price, now with Set-Up Wizards to walk you through system setup with easy to follow step-by-step instructions. It features 12 feedback notch filters, dual 28-band graphic EQ, compressor, sub-harmonic synthesizer, 2x3 / 2x4 / 2x5 / 2x6 crossover configurations, stereo multiband parametric EQ, output limiters, alignment delay, on-board JBL speaker & Crown amp tunings and much more in a 1RU package. I/O has 2 balanced XLR inputs and 6 balanced XLR outputs. The RTA mic input on the front panel is balanced XLR with phantom power.

ITEM	DESCRIPTION	PRICE
DRIVERACK-PA+	2x6 speaker processor	499.95



DBX DRIVERACK 260 2X6 SPEAKER CONTROLLER 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 Advanced Feedback Suppression (AFS™). It features 2 independent channels of processing with a linkable 28-band graphic EQ, stereo compressor module, feedback eliminator, 120A subharmonic synthesizer on input, with a 6-channel output system that includes parametric EQs, PeakStopPlus® limiters (to provide protection against speaker blowouts) and alignment delay. I/O: 2-XLR inputs/6-XLR outputs & XLR RTA mic input.

ITEM	DESCRIPTION	PRICE
DRIVERACK-260	2x6 speaker processor	999.95

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DBX DRIVERACK 4800 4X8 EQ & LOUDSPEAKER MANAGEMENT SYSTEM

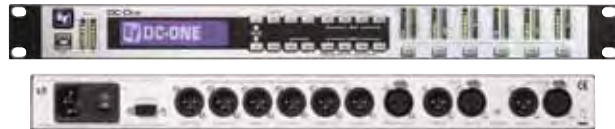
The DriveRack 4800 is the flagship of the next generation of the famous DriveRack family, with 4 inputs and 8 outputs with both analog and AES/EBU XLR connectivity and a CobraNet option for large installations. The 96kHz DSP engine is capable of offering signal routing, EQ, and bandpass filters, classic dbx® Dynamics, feedback suppression and insert processing - all with extremely low latency and extended frequency response. It has full-color, intuitive front panel controls, an easy-to-use GUI and optional wall panel controllers.

ITEM	DESCRIPTION	PRICE
DRIVERACK-4800	4x8 speaker processor	3999.95



DBX ZONEPRO SERIES DIGITAL ZONE PROCESSORS Flexible signal routing, DSP processing, and multiple control interfaces for commercial audio applications. Offers Euroblock connectors for balanced signals and RCA connectors for consumer equipment. The routing module provides primary source selection and source ducking for paging and priority override. Gain control and EQ on all inputs, AutoWarmth for low-frequency extension, and many DSP options. The 640M and 641M add Ethernet capability and more mic pres. ZonePro 1260 and 1261 offer more inputs and outputs and Ethernet control options. The ZC-series controllers provide smart control options for any application.

ITEM	DESCRIPTION	PRICE
ZONE-PRO-640	6 inputs/4 outputs with panel controls, 2 mic pres	999.95
ZONE-PRO-640M	6 inputs/4 outputs with panel controls, 4 mic pres, Ethernet	1099.95
ZONE-PRO-641	6 inputs/4 outputs no panel controls, 2 mic pres	799.95
ZONE-PRO-641M	6 inputs/4 outputs no panel controls, 4 mic pres, Ethernet	899.95
ZONE-PRO-1260	12 inputs/6 outputs with panel controls, 6 mic pres	1399.95
ZONE-PRO-1261	12 inputs/6 outputs no panel controls, 6 mic pres	1199.95
ZC-1	Volume control attenuator	64.95
ZC-2	Volume and mute control	64.95
ZC-3	Source/scene/paging control	74.95
ZC-4	Source control/program change	79.95
ZC-6	Programmable volume control, push-button up/down	64.95
ZC-7	Programmable push button page control	74.95
ZC-8	Programmable source/push button volume control	74.95



EV DC-ONE 2-IN/6-OUT DIGITAL SIGNAL PROCESSOR Designed for use in small- or medium-sized venues, this signal processor can be controlled with the DC-One Editor software (connects to a Windows PC via the front USB port) or by using the front panel, which includes direct access buttons, 6 predefined configuration modes, and straightforward output delay settings. The DC-One accepts analog or digital (AES/EBU) input signal and has a -6dB pad for system input protection.

ITEM	DESCRIPTION	PRICE
DC-ONE	2-in/6-out digital processor, 1RU	980.00

MACKIE®



MACKIE SP260 2X6 SPEAKER PROCESSOR This 2-in/6-out processor is designed for use with passive and powered PA systems. It uses intuitive EQ, crossover, delay and dynamics processing to optimize sound and protect your system. It has 2 balanced XLR inputs with level control, mute, 600ms delay and 5-band parametric/shelving EQ. Its 6 balanced XLR outputs feature level control, mute, polarity reverse, HP and LP filters, 7-band parametric/shelving EQ, 600ms delay and limiting. Programming can be done with the front panel controls, or with a computer via USB port. Other features include linkable inputs and outputs, 7-segment meter, 5 operating modes, 24 presets and a switch mode power supply which allows it operate on 100V-240V AC.

ITEM	DESCRIPTION	PRICE
SP260	Speaker processor, 2x6, 1RU	499.99

SHURE®



SHURE DFR22 2X2 AUDIO PROCESSOR W/ FEEDBACK REDUCTION Using Shure's drag and drop control software, the DFR22 provides an effective 2x2 audio processor at an affordable price point. Features include; automatic feedback detection and reduction, parametric, graphic and shelving EQs, compressor/limiter, automatic gain control, gate/duck and downward expansion, 2-way crossover w/subwoofer processor, delay processor, 2x2 matrix mixer and splitter. The software allows complete control of all parameters, and systems can be saved to disc for job site loading. I/O includes XLR & pin block inputs/outputs, control input, RS-232 input, and Shure-Link I/O.

ITEM	DESCRIPTION	PRICE
DFR22	2x2 processor	594.43



YAMAHA MTX SERIES DSP PROCESSORS Designed for multi-zone commercial installations, these processors allow you to configure, program and manage a sound system using the MTX Editor software and a computer. Both models feature the newly developed YDIF digital transmission protocol, a proprietary format which delivers 16ch audio and wordclock via standard Cat5 cable. The units can be controlled externally by AMX/Crestron controllers, an iPhone/iPod app or Yamaha's own DCP series of wallmount controllers. The MTX3 has 8 channels of mic/line input, 8 channels of analog output and 16 channels of YDIF digital I/O. The MTX5-D has 8 channels of mic/line input, 8 channels of analog output, 16 channels of YDIF digital I/O, 16 channels of Dante digital I/O and 1 MY Card slot. Both models have an SD card slot for content playback. Input and output expander units with DA converters are also available.

ITEM	DESCRIPTION	PRICE
MTX3	26x8 matrix mixer/signal processor	CALL
MTX5-D	34x16 matrix mixer/signal processor	CALL
EX18	Input expander	CALL
EX08	Output expander	CALL
DCP4S	Control panel, 4 switches	CALL
DCP1V4S	Control panel, 1 volume knob, 4 switches	CALL
DCP4V4S	Control panel, 4 volume knobs, 4 switches	CALL



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NEW!
SYMETRIX RADIUS 12X8 DSP UNIT This DSP unit has 12 mic/line inputs and 8 analog line outputs. Its onboard 10/100 and gigabit switches lower system cost and ensure simplified operation. Its powerful DSP engine is configured using the SymNet Composer open-architecture software, with over 600 DSP modules available. It also features Dante™ ports, which enable audio expansion over standard IT infrastructure, with up to 64 transmit and 64 receive channels available over standard Category-type cable. Multiple user control options are available via the free ARC-WEB browser-based interface, or via Symetrix ARC wall panels.

ITEM	DESCRIPTION	PRICE
RADIUS-12X8	DSP unit, 12x8, Dante capable	3394.05



SYMETRIX JUPITER SERIES DSP PROCESSORS Powerful DSP in an easy-to-learn turnkey audio processing solution inspired by smart phone “apps”. Use Jupiter apps to do specific audio jobs with a simple download to the Jupiter hardware. Three hardware versions are available to handle every task, from automixing to loudspeaker management. App categories include mixing and routing, public address and distribution, sound reinforcement, and special purpose signal processing and there is an ever-growing library of downloadable Jupiter apps. Jupiter’s precision preamps make your mics sound warm and natural. A full +24 dBu output ensures the hottest levels for the path to your amps, while a 110dB dynamic range makes for an unusually low system noise floor. External control is possible with SymNet’s RS-485 ARC series wall panel controls. All models feature phantom power, Ethernet, ARC ports, external control inputs, and 4 logic inputs.

ITEM	DESCRIPTION	PRICE
JUPITER-4	DSP processor, 4-in/4-out	999.00
JUPITER-8	DSP processor, 8-in/8-out	1199.00
JUPITER-12	DSP processor, 12-in/4-out	1349.00



SYMETRIX SOLUS SYMNET DSP HARDWARE Ideal for small to mid-sized installations not requiring I/O expansion. All SymNet hardware is configured using open architecture SymNet Designer software. System designers have the option to use or modify Solus DSP design templates for basic projects or to create unique designs entirely from scratch. There are 3 models available, differing only in the number of inputs & outputs. Control feature set includes Ethernet, ARC port, RS-232 port, 2 control inputs, and 4 logic outputs. Also features front panel LCD, supports ARC wall panels, 3rd party control systems and SymVue SymNet user control panel app (not included). See “Optional Adaptive Remote Controls” below for remote choices.

ITEM	DESCRIPTION	PRICE
SOLUS-4	4x4 mic/line I/O, terminal blocks	1569.00
SOLUS-8	8x8 mic/line I/O, terminal blocks	1779.00
SOLUS-16	16x8 mic/line I/O, terminal blocks	2389.00



SYMETRIX OPTIONAL ADAPTIVE

REMOTE CONTROLS These ARC wall panels provide a wide range of user control options. Customizable, expandable, and connected via CAT-5 (RS-485 protocol), these ARCs are easily programmed to meet unique and specific operational requirements.

ITEM	DESCRIPTION	PRICE
ARC-2E	Menu-driven wall panel remote, 24 menus	189.00
ARC-EX4	Push button remote control expansion panel	139.00
ARC-K1	Rotary encoder remote panel with 2-bank push-button knob	189.00
ARC-SW4	4-button wall panel remote	189.00
RC-3	Standard single remote volume control in Decora® wallplate	69.00



ART CX310/CX311 CROSSOVERS These employ 24dB/octave, state-variable, fourth-order Linkwitz-Riley filters with in-phase outputs at all frequencies. They feature active XLR and balanced 1/4" TRS I/O connections. The 310 can operate in 2-way or 3-way mode, has individual output muting switches, and has a “Frequency X10” switch which allows for crossover frequencies from 920Hz-92kHz. The 311 has a crossover frequency rotary control which covers a range of 250Hz-6kHz. It also has an independent subwoofer output level and rotary control for frequencies in the 50Hz-250Hz range. All of the 311s outputs have a 30-cycle low cut switch to eliminate low-end rumble.

ITEM	DESCRIPTION	PRICE
CX310	Stereo 2-way/mono 3-way crossover	159.00
CX311	Stereo 2-way crossover with subwoofer out	109.00



ASHLY XR1001 ACTIVE CROSSOVER Uses state-variable filter circuits, which maintain phase between adjacent frequency bands. It features variable continuous tuning, a response control, and an output stage which maintains low noise at any level. It also features a 200:1 tuning range, output mute switches, TRS and XLR connectors, 24dB/octave slopes, output mutes, 20Hz third order high pass filter, universal switching power supply, servo-balanced outputs, blue power LED, and comes with a 5 year manufacturer’s warranty.

ITEM	DESCRIPTION	PRICE
XR1001	Stereo 2-way/mono 3-way, 400Hz-8kHz crossover frequency	250.00



BEHRINGER CX3400 SUPER X PRO STEREO 2X/3X CROSSOVER An active 2- or 3-way stereo or 4-way mono crossover, each band features two 24dB Linkwitz-Riley filters, as well as individual IGC limiters (with phase reverse), while the integrated delay enables flexible time alignment. Polarity switches for each output allow quick and easy runtime compensation for various driver and horn types. Also features a 25Hz subsonic filter per input, low sum out for subwoofers, and switchable EQ for constant directivity horns. I/O are gold-plated balanced XLR connectors.

ITEM	DESCRIPTION	PRICE
CX3400	2- or 3-way stereo/4-way mono	149.99



BEHRINGER CX2310 3-WAY MONO/2-WAY STEREO CROSSOVER With state-of-the-art circuitry such as ALPS potentiometers, ultra-low noise op amps, and fully-balanced inputs and outputs, the CX2310 offers absolute precision and control. Additionally, the Super X Pro CX2310 features a separately adjustable subwoofer output, to allow either 2-way stereo or 3-way mono operation. Other features include state variable Linkwitz-Riley filters, flat summed amplitude response, and a phase reverse switch for each output.

ITEM	DESCRIPTION	PRICE
CX2310	Stereo 2-way/mono 3-way	99.99



DBX 223S/XS & 234S/XS CROSSOVERS These dual-channel crossovers feature Linkwitz-Riley 24dB per octave filters, independent output gain controls for level matching, output phase inversion, 40Hz low cut filter, and optional mono summing of the low frequency (subwoofer) output. Great precision from the solid “click” controls. All models include balanced ins and outs, mode switch for mono/stereo operation and a X10 range switch on both channels. The 234 adds mono 4-way operation and a low-mid output knob.

ITEM	DESCRIPTION	PRICE
223S	Stereo 2-way/mono 3-way, 1/4" TRS	159.95
223XS	Stereo 2-way/mono 3-way, XLR	179.95
234S	Stereo 2-way/mono 4-way, 1/4" TRS	199.95
234XS	Stereo 2-way/mono 4-way, XLR	239.95



RANE AC22S/AC23S TIME CORRECTING CROSSOVERS Built-in 2ms delay allows for driver phase alignment. Both models feature 24dB per octave Linkwitz-Riley filters, individual band muting switches, and internal configuration switching. I/O is via active balanced XLR connectors. AC23S has a 100-240VAC power supply.

ITEM	DESCRIPTION	PRICE
AC22S	Stereo 2-way/mono 3-way	399.00
AC23S	Stereo 2- or 3-way/mono 4- or 5-way	499.00



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