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 combing 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 and 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 MS22 are 16-in/16-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-MS22 | Multi-processor, 16x16 for install use | CALL

**NEW!**

ASHLY PROTEATM DIGITAL SPEAKER PROCESSORS

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 | 3x6/5-out digital speaker processor | 750.00
4.8SP | 4x8/6-out digital speaker processor | 1150.00

**NEW!**

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 | 505.00

**Optional Accessories and Companion Products**

**PAGE11** | Mic pre with zoning 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
**RAD2** | 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

**NEW!**

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

**NEW!**

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 Suppression (AFSTM) 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

**NEW!**

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 (AFSTM) 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

**NEW!**

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, 2x6 / 2x4 / 2x5 / 2x6 crossover configurations, stereo/mono 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

**NEW!**

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 (AFSTM). 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 ducting for paging and priority override. Gain control and EQ on all inputs, AutoWarmth for low-frequency extension, and many DSP options. The 641M 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-540 | 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 | 1999.95
ZONE-PRO-641L | 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

**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 YDF 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 YDF digital I/O. The MTX3-D has 8 channels of mic/line input, 8 channels of analog output, 16 channels of YDF digital I/O, 16 channels of Dante digital I/O and 1 M1 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 | 2x8 matrix mixer/signature processor | CALL
MTX3-D | 34x16 matrix mixer/signature processor | CALL
EX18 | Input expander | CALL
EX8B | Output expander | CALL
DCP4S | Control panel, 4 switches | CALL
DCP1Y4S | Control panel, 1 volume knob, 4 switches | CALL
DCP3Y4S | Control panel, 4 volume knobs, 4 switches | CALL

**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/2-band 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 to operate on 100V-240V AC.

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

**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 MTX3**

**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 YDF 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 YDF digital I/O. The MTX3-D has 8 channels of mic/line input, 8 channels of analog output, 16 channels of YDF digital I/O, 16 channels of Dante digital I/O and 1 M1 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 | 2x8 matrix mixer/signature processor | CALL
MTX3-D | 34x16 matrix mixer/signature processor | CALL
EX18 | Input expander | CALL
EX8B | Output expander | CALL
DCP4S | Control panel, 4 switches | CALL
DCP1Y4S | Control panel, 1 volume knob, 4 switches | CALL
DCP3Y4S | Control panel, 4 volume knobs, 4 switches | CALL

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### 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. These 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 dB 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 ARCs. All models feature phantom power, Ethernet, ARC ports, external control inputs, and 4 logic inputs.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUPITER-4</td>
<td>DSP processor, 4-in/4-out</td>
<td>999.00</td>
</tr>
<tr>
<td>JUPITER-8</td>
<td>DSP processor, 8-in/8-out</td>
<td>1199.00</td>
</tr>
<tr>
<td>JUPITER-12</td>
<td>DSP processor, 12-in/4-out</td>
<td>1399.00</td>
</tr>
</tbody>
</table>

### 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, and 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLUS-4</td>
<td>4x mic/line I/O, terminal blocks</td>
<td>1999.00</td>
</tr>
<tr>
<td>SOLUS-8</td>
<td>8x mic/line I/O, terminal blocks</td>
<td>1799.00</td>
</tr>
<tr>
<td>SOLUS-16</td>
<td>16x mic/line I/O, terminal blocks</td>
<td>2389.00</td>
</tr>
</tbody>
</table>

### 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 ARC panels 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, mute 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC-2E</td>
<td>Menu-driven wall panel remote, 24 menus</td>
<td>189.00</td>
</tr>
<tr>
<td>ARC-EX3</td>
<td>Push button remote control expansion panel</td>
<td>139.00</td>
</tr>
<tr>
<td>ARC-K1</td>
<td>Rotary encoder remote panel with 2-bank push-button knob</td>
<td>189.00</td>
</tr>
<tr>
<td>ARC-SW4</td>
<td>4-button wall panel remote</td>
<td>189.00</td>
</tr>
<tr>
<td>RC-3</td>
<td>Standard single volume control in Decora® wallplate</td>
<td>69.00</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX310</td>
<td>Stereo 2-way mono 3-way crossover</td>
<td>235.00</td>
</tr>
<tr>
<td>CX311</td>
<td>Stereo 2-way crossover with subwoofer out</td>
<td>109.00</td>
</tr>
</tbody>
</table>

### Ashly X1001 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 200Hz 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>X1001</td>
<td>Stereo 2-way/mono 3-way, 400Hz-8kHz crossover frequency</td>
<td>250.00</td>
</tr>
</tbody>
</table>

### Behringer CX3400 Super X Pro Stereo 2X3X 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 Linkwitz-Riley 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX3400</td>
<td>2- or 3-way stereo/4-way mono</td>
<td>134.99</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX2310</td>
<td>Stereo 2-way/mono 3-way</td>
<td>99.99</td>
</tr>
</tbody>
</table>

### DBX 2235XS & 2345XS 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, mute 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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2235</td>
<td>Stereo 2-way/mono 3-way, 4-way</td>
<td>249.99</td>
</tr>
<tr>
<td>2235S</td>
<td>Stereo 2-way/mono 3-way, XLR</td>
<td>179.95</td>
</tr>
<tr>
<td>2345S</td>
<td>Stereo 2-way/mono 4-way, 4-way</td>
<td>199.95</td>
</tr>
<tr>
<td>2345X</td>
<td>Stereo 2-way/mono 4-way, XLR</td>
<td>239.95</td>
</tr>
</tbody>
</table>

### Rane AC22S/AC23S Time Correcting Crossovers

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC22S</td>
<td>Stereo 2-way mono 3-way</td>
<td>399.00</td>
</tr>
<tr>
<td>AC23S</td>
<td>Stereo 2- or 3-way mono 4- or 5-way</td>
<td>499.00</td>
</tr>
</tbody>
</table>