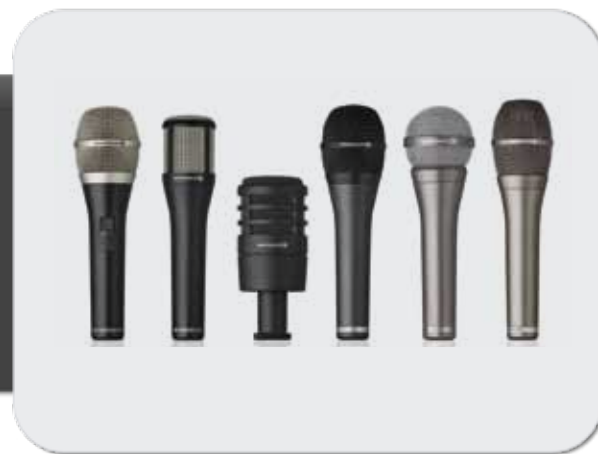




AKG DMS700 V2 System, DMS700 Hardware and Software Upgrade

Version 2 of AKG's DMS700 digital wireless microphone system features 512 bit encryption, 3.5 mSec latency and the new DPT700 body-pack, designed to improve RF link quality and increase its working range. Users with original DMS 700 systems can upgrade through a software and hardware update. The free software update includes the 512-Bit encryption, AES EBU output and 0.5 ms improved latency, improved RF link quality, range improvements and an output gain menu with a bar graph and ability to deactivate autolock. AKG's DMS700 system can be remote-controlled and monitored with the AKG Wireless iPhone App (from an iPhone/iPod touch/iPad) or VM² (from a Soundcraft Vi digital console). Setup and configuration of a multi-channel system is easy with System Architect software's tools like 1-Click Setup, RF Monitor, Device Manager and Environment Scan.

akg.com



Beyerdynamic Touring Gear Series Microphones

Beyerdynamic's Touring Gear (TG) series of German-manufactured live performance mics, featuring the company's Sound Channeling Technology, includes 25 models for specific applications such as vocals, drums, instruments, headsets and lavaliers. The series includes eight vocal microphones, with five dynamic models, including the hypercardioid V71d, which is designed for loud stages using a special proximity compensation response. The other three vocal mics are the V56c, a cardioid electret condenser; the cardioid V96c, a premium true condenser with a subtle treble boost; and the V90r, a redesigned premium ribbon mic that employs a pure aluminum ribbon for improved impulse fidelity and transient behavior. There are also several drum and instrument application models, including the D70d, a dynamic hypercardioid large-diaphragm mic for kick drums, with switches for a treble boost and a mid-range cut. The I50d is a general-purpose cardioid dynamic with gentle 5k and 10k Hz presence peaks.

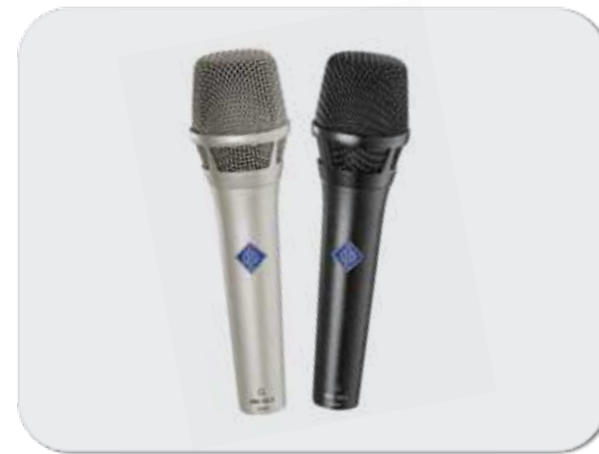
beyerdynamic.com



JoeCo BlackBox BBR64-MADI Recorder

JoeCo Limited's MADI version of the BlackBox Recorder combines one-touch multi-track recording to USB hard drives with the industry's greatest digital common denominator, MADI I/O. Designed for capturing live performances, the 1RU recorder allows multi-channel audio to easily be captured and played back with a USB 2.0 drive, in Broadcast WAV format, without the need for a computer. Based on the BlackBox Recorder design, the BBR64-MADI records/replays up to 64 channels of MADI data while occupying just one unit of rack space. The recorder can capture the full 64 channels at standard sample rates, with double sample rate MADI recording (88.2/96kHz) for up to 32 tracks. It has both coaxial and optical MADI connections for interfacing with any MADI equipped console or other equipment. Additionally, it supports 56-channel legacy MADI and it can record an additional 8 channels of analog (balanced line in) for capturing the audience reaction or general ambience.

joeco.co.uk



Neumann KMS 104 D and KMS 105 D Digital Microphones

Neumann's KMS 104 D and 105 D digital microphones for live vocal applications are the digital siblings to the company's KMS 104 and KMS 105 condenser vocal microphones, distinguished by a blue diamond instead of the company's usual red logo. With core features from the analog models, the cardioid KMS 104 D and the super-cardioid KMS 105 D provide digital advantages such as extended dynamic range and integrated peak limiters that prevent clipping. Both "Solution D" mics can be used with AES42-capable consoles such as any DiGiCo with an SD Rack and an SD AES 42 module. When used with the DMI-2 digital microphone interfaces and the Remote Control Software (RCS), pre-programmed settings can be stored inside the microphones, and their stereo signal can be sent to any AES input. Both feature low self-noise, high dynamic range and the ability to handle high sound pressure levels.

sennheiserusa.com



Outline iSM Powered Stage Monitors with iMode Technology

Outline's new iSM series of stage monitors are powered by embedded network amplifiers, with Outline's "iMode" Intelligent Digital Loudspeaker Control providing remote control via a Web browser. Outline's free iPad app can control them using a wireless router. LEDs on both sides of the enclosures provide clear visual indication of the main parameters and selected pre-sets. The iSM 212 employs a pair of 12-inch ported transducers, with the high frequencies handled by a 1.4-inch throat compression driver with a three-inch titanium diaphragm. An integrated folded waveguide provides tight and consistent control of the high frequency spectrum in both the horizontal and vertical planes, with defined pattern control that maximizes gain before feedback. Its iMode bi-amplifier delivers 1050 x 570 W for a maximum SPL of 140 dB. Height is less than 13 inches. The iSM 112 is a dual-angle, single-twelve floor monitor and the iSM 115 is a single fifteen. All claim phase response of $\pm 45^\circ$ between 500 Hz and 16 kHz.

outline.it



Powersoft Ottocanali 1204 8-channel Amplifier

Powersoft's Ottocanali 1204 is a versatile, feature-rich multi-channel amplifier for installation applications. Occupying a single rack space and measuring 14 inches deep, the Ottocanali 1204 provides 8 channels with 160 watts each at 4 ohms, and 80 watts each at 8 ohms, respectively. Optional "BatFormer" plugin output transformers can be inserted through a dedicated lid in the chassis, converting any or all of the 8 channels into a 70V or 100V constant voltage output, providing 130 watts each. Channel pairs can be run in serial for higher output voltage when equipped with Bat-Formers, or mono-bridged for more power with lo-Z loads. Powersoft also offers the Ottocanali 1204 DSP+ETH option, providing DSP functionality for all 8 channels, plus Ethernet connectivity for full control and monitoring through the Armonia Pro Audio Suite PC software. This option is also network-compatible with all other Powersoft K, M, D, Q and Duecanali Series amplifiers.

powersoft-audio.com



Mackie HDA Constant Curvature Line Array

Mackie's HDA is a two-way self-powered constant curvature line array enclosure. It employs a single EAW-designed 12-inch woofer and dual 1.7-inch diameter Beyma compression drivers mounted on a custom dual exit horn and powered by on-board 500x100 WRMS bi-amplification with patented HD audio processing that corrects problems associated with horns and woofers. Individually they have 100° wide coverage with 20° in the vertical. Up to four can be flown in arrays using the FB121 fly-bar. A three-position EQ switch provides array compensation for either one or two enclosures; three or four enclosures; and, thirdly, HF air absorption compensation for the upper enclosures of four-box arrays in long-throw applications. One or two of the companion HD1801 self-powered subwoofers can be flown above them. It has dual pole cups with a 20° down-tilt on the second, allowing one or two to be elevated over ground-stacked HD1801 subwoofers. The HDA is 25 inches wide, 16 inches deep and weighs 59 pounds.

mackie.com



MC² Audio E100 Amplifier

MC² Audio's four-channel E100 amplifier is the flagship of their E-Series. The E100 delivers 2,800W into 4 ohms, all channels driven, from a 2U, 27-pound chassis that's 17 inches deep. The E100 can also provide over 3,500W into 2-ohm loads from each of its four channels, making it suitable for bass applications and providing 7,400W at 4 ohms in bridging applications. E100's HDLF corrects errors in the switching amplifier and output filters, minimizing distortion and maximizing SNR, while its AESC custom drive and magnetic components cut output device stress, allowing near continuous duty at full power into extremely low impedances. This results in output efficiencies over 91 percent, allowing the E100 to deliver full power into 2 ohms in demanding conditions where other amps would limit or self protect. The E100 also has a new Power Reduction Circuit (PRC), which acts as a power control limiter on each channel and main power supply, allowing very flexible power limiting up to 6dB of limiting in 2dB steps.

mc2-audio.co.uk



Martin Audio DD6 Fill Loudspeaker

Martin Audio's DD6 fill enclosure employs a 6.5-inch cone passively crossed over at 2.7 kHz to a half-inch exit compression driver mounted on a unique wave-guide. The rotatable horn's short throw horizontal dispersion is 120°, narrowing to 90° as throw increases. Vertically, the horn covers 60°, with greater output above the horizontal center plane. The combination of narrower horizontal dispersion and greater output above the horn's horizontal center plane creates progressively more HF output as the throw distance increases. The dispersion pattern is suited to covering audiences on flat or gradually-sloping surfaces, ideal for front-fill applications. A recessed switch allows the circuits for the dual NL4 connectors to be reversed for easy assembly of stereo pairs. The 14-inch long, 13-pound enclosure has a nominal impedance of 16 Ohms. Ten M8 inserts can be used with eyebolts, and there are three bracket accessories: a multipurpose vertical tilt bracket which can be used with pipe clamp, a yoke and an invisible wall bracket.

martin-audio.com



RCF TTL11A Active Digitally Steerable Array

RCF's TTL11A is an active 3-way, 2-box loudspeaker column system that includes two modules, one for the mid-high and one for the bass frequencies. The TTL11A-H, the HF module, is equipped with four 1.5-inch exit neodymium compression drivers and three 8-inch mids. The TTL11A-B is the bass frequency section of the system. It features four 8-inch neodymium woofers with 2.5-inch voice coils. With the addition of the companion TTS26-A self-powered dual-fifteen subwoofer, the TTL11A system becomes a powerful, compact and steerable live sound system. Coverage is 90° horizontal with 10° to 40° of vertical coverage and up to 10° of down-tilt. Their combined height is 95 inches (2.4m) and combined weight is 168 pounds (76kg).

rcf.it



Tannoy VXP Series

Tannoy's VXP Series of self-powered two-way enclosures includes nine models and many sizes, starting with 6-inch and single or dual 8-inch cones. Two styles of 15-inch woofers and four 12-inch designs, including a dual-12 for improved LF performance, employ Tannoy's new Q-Centric Waveguide (QCW) for enhanced pattern control and horizontal dispersion. All have Tannoy's dual concentric point-source drivers and are powered by Lab.gruppen's new Intel-Drive Energy-Efficient Amplifier (IDEA) modules. All VXP models are available in passive VX models as well. Rugged and compact birch plywood construction includes dual-chamfered edges and "Integrip" carry handles. All are available in black and white as standard, with matching grille and hardware. Custom-matched colors and fully-weatherized versions are available for outdoor applications.

tannoy.com



Turbosound TFS-900H Flashline Line Array

Turbosound's axially-symmetric, horn-loaded TFS-900H Flashline line array system provides high power density by using 11 drivers. Three 1-inch compression drivers on a dendritic Polyhorn waveguide down the center of the enclosure are designed to provide a phase-coherent HF wavefront. Bi-axially mounted behind the compression drivers are a pair of Turbosound's signature 6.5-inch HM drivers, and on either side, two more pairs of horn loaded 6.5-inch LM drivers cover the remainder of the vocal range. Dual horn-loaded 12-inch woofers complete the four-way enclosure. Turbosound's companion TFS-900L dual-18 hybrid-loaded subwoofer integrates into flown arrays. Completing the system is Turbosound's Dante-enabled 20000DP amplifier to power Flashline, a joint technical initiative with Lab.gruppen and Audinate. It provides quad 5kW channels of amplification with Dante network audio distribution plus Lake processing and linear-phase filters.

turbosound.com