



INSTALLED AUDIO NEWS

SPRING 2015

JBL Professional introduces Control HST 180° coverage speaker



JBL Marking the introduction of an all-new loudspeaker design, HARMAN's JBL Professional has announced the debut of the Control HST wide-coverage loudspeaker featuring patent-pending HST Hemispherical Soundfield Technology™.

Control HST achieves extremely wide horizontal coverage approaching 180° and uses the wall it's mounted on to its advantage, delivering a flatter frequency response and a more even sonic character throughout the room.

A single JBL Control HST can provide wall-to-wall coverage, reducing the number of loudspeakers needed for covering a space and lowering the overall cost for the sound system.

The Control HST is ideal for a wide variety of applications including retail stores, restaurants, educational facilities, leisure venues, hotels and other music and music/paging uses. The Control HST is IP34 water-resistant rated, enabling its use as an outdoor loudspeaker. It is expected to ship in early summer.

> <http://bit.ly/jblcontrolhst>



Crown adds two high power DriveCore Install series amplifiers



Crown Audio has added two models to the DriveCore™ Install (DCi) Network Series amplifier lineup with the introduction of its DCi 4|2400N and DCi 2|2400N.

The new amplifiers incorporate HARMAN's exclusive DriveCore technology to deliver high power output from a compact, energy-efficient form factor and offer extensive networked system control capabilities.

Both amplifiers provide networking

and control features to ensure reliable operation, including continuous load monitoring, comprehensive error reporting, pilot tone monitoring and programmable general purpose input/output (GPIO) ports.

The amplifiers also offer DSP features including LevelMAX™ limiters for the inputs and outputs with thermal limiting, an input compressor, input and output delay, input and output EQ, built-in crossovers and a built-in signal generator.

> <http://bit.ly/crowndci2400>

BSS Audio announces BLU-DAN Dante™ to BLU link bridge



BSS Audio has announced the introduction of its Soundweb™ London BLU-DAN Dante to BLU link Bridge, which allows one or more BLU link devices to be integrated with a Dante network.

The BLU-DAN connects a Dante device to one or more BLU link devices via standard Cat 5e cabling. It is capable of simultaneously transmitting and receiving up to 64 channels of Dante audio (64 x 64). Primary and secondary ports are provided to ensure fault tolerance and control is provided through a separate Ethernet port. The BLU-DAN's BLU link connectivity is a low-latency, fault-tolerant digital audio bus with 256 channels.

The BLU-DAN is configurable using HARMAN's HiQnet Audio Architect™ software.

> <http://bit.ly/bssbludan>

BSS Contrio Wall Controllers



The Soundweb Contrio family of wall controllers are designed to provide greater system control and flexibility for a variety of fixed install applications.



Simple controls and multi-coloured visual feedback and displays make the controllers approachable and straightforward for non-technical users, while multiple modes

of operation allow system integrators to tailor the functionality of the controller to the requirements of the application and its users.

The four models in the range, in addition to advanced multiple zone control, can easily be employed in a room-combining and splitting environment.

All Soundweb Contrio products will be backward compatible with existing BSS Audio Soundweb London devices as well as other HARMAN HiQnet™ products.

Contrio wall controllers will be available in March.

> <http://bit.ly/bsscontriocontroller>

AKG announces DMS800 digital wireless microphone system with world-class clarity, reliability and versatility



Building on the incredibly successful DMS700 V2, AKG is introducing the DMS800 reference digital wireless microphone system.

The DMS800 offers everything that made its predecessor an outstanding performer, while adding features that deliver more versatility than ever before including Dante™ outputs, improved design and mechanics for the DHT800 handheld transmitter and plus interchangeable microphone heads.

The system offers secure digital wireless audio transmission with 512-bit encryption, low-cut filter, 3-band equalizer, dbx compressor and dbx limiter. Users can choose from a variety of premium dynamic and condenser vocal microphones, including the AKG D5, D7 and C5 and selected third-party manufactures.

> <http://bit.ly/akgdms800>

JBL Professional extends AE Series loudspeakers with 8 new models

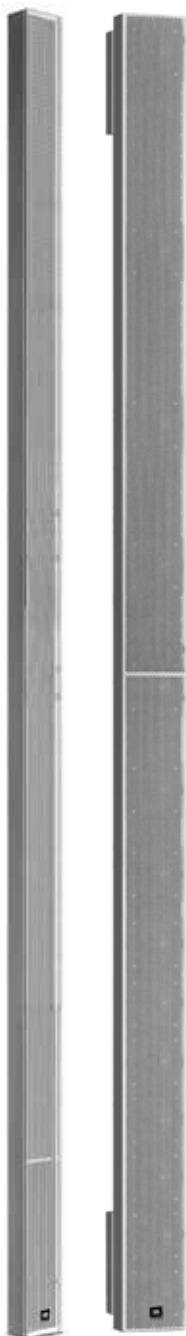


JBL Professional is expanding its already wide range of AE Series high-quality, high-fidelity installation loudspeaker systems with eight new low-cost models.

The new AE Series models include six 2-way, full-range systems and two subwoofer models and are designed for use in a variety of applications. All models are equipped with multiple installation-friendly features and utilise a rugged grille design and system appearance suitable for nearly all indoor environments.

> <http://bit.ly/jblextendsae>





JBL Professional introduces two new Intellivox ranges



JBL Professional has added several new models to the Intellivox active beam shaping loudspeaker range.

The Intellivox HP-DS370 active beam shaping loudspeaker array offers high output and unmatched directivity control for a loudspeaker in its category. Measuring 3.7m in height, it has an output capability of 105 dB at 30m, along with a frequency response to 18kHz. The horizontal dispersion is 100 degrees and the typical throw is around 50 metres, which means an area of approximately 2,150 square metres can be covered by a single device.

Also new is the 380 series - comprising of the DC380, DS380 and DSX380 - which fill an important gap between the Intellivox 280 and 430 models.

Typical throw distance for the 380 Series models is 45m (150 feet). Idle power consumption is very low at 0.5A @ 115V, providing lower cost of ownership for a facility and greatly reducing the size requirements for UPS systems, when required.

All units include a 16-channel amp/DSP module and eight presets that can be recalled and locked for security purposes. An ambient noise-sensing microphone and control software are built-in, as are redundant internal monitoring features to ensure reliability.

Featuring the smallest depth and width footprint in the industry, Intellivox 380 Series models are especially thin and unobtrusive, and can be easily recessed into walls.

- > <http://bit.ly/jblintellivox370>
- > <http://bit.ly/jblintellivox380>

CASE STUDY: HARMAN is key in converting former jail to new leisure venue



Venue:

One Pound Lane, Canterbury
Former jail converted to chic new leisure venue

Loudspeakers:

JBL Control 52, Control 50S/T, AC16, ASB6115

Amplification:

Crown DCi 2|300, DCi 4|300 XT1 4002, XT16002

Design:

Lightqube Ltd

Specification:

We Know AV Ltd

Installation:

Oculux Ltd

Network & Control:

BSS BLU-100, HiQNet Motion Control app

Read the full story: <http://bit.ly/poundlane>

BSS Audio introduces BLU-103 teleconferencing signal processor with VoIP



BSS Audio has announced the Soundweb™ London BLU-103 teleconferencing signal processor with VoIP (Voice over IP).

The BLU-103 offers extensive signal routing and processing capabilities, including eight analogue inputs and eight analogue outputs,

a Voice over IP (VoIP) interface, AEC (Automatic Echo Cancellation), BLU link, Ethernet connectivity, and many additional advanced features.

Automatic Gain Control ensures that microphone levels are optimum and the Noise Cancellation removes unwanted steady-state noise such as fan or air conditioning noise

from the signal path.

The BLU-103 interfaces directly with digital phone systems and can facilitate two simultaneous VoIP calls.

> <http://bit.ly/bssblu103>



JBL Professional previews PD500 Series



JBL Professional previewed its new PD500 Series loudspeakers at ISE 2015. An extension of the highly successful PD Series loudspeakers, which are found in the most prestigious stadiums and arenas around the world, the PD500 Series will feature five new models and will offer the high power, excellent pattern control and smooth coverage found in all PD Series loudspeakers.

All five PD500 Series models will be EN54-24 certified and will be available in July 2015.

> <http://bit.ly/jblpd500>

dbx DriveRack VENU360 loudspeaker management system



dbx has announced the introduction of its DriveRack VENU360 Loudspeaker Management System - successor to the industry-standard DriveRack 260.



The new VENU360 adds a host of features including mobile device control, additional input channels, improved DSP and easier operation and includes the latest advancements in dbx's AFS™ and AutoEQ™ algorithms (first introduced in the well-received DriveRack PA2).

It can be set up and operated from a compatible iOS, Android, Windows or Macintosh device via an easy-to-use app and is also compatible with BSS Audio Contrio Ethernet wall controllers.

> <http://bit.ly/dbxdriverack360>

Soundcraft announce Ui Series remote-controlled digital mixers



Providing the unprecedented ability to mix audio from any Wi-Fi connected device in any location, Soundcraft is introducing the new Ui Series of remote-controlled digital mixers. The Ui12 and Ui16 each feature an integrated, onboard Wi-Fi router and can be controlled via a tablet, PC or smartphone.

In addition, the Ui12 and Ui16 each feature built-in HARMAN signal processing from dbx, DigiTech and Lexicon, including dbx AFS2. Both models feature fully recallable and remote-controlled mic gain and phantom power, along with 4-band parametric EQ, high-pass filter, compressor, de-esser and noise gate on input channels.



The Ui12 and Ui16 will ship in March with recommended retail prices of £315.83 and £415.83 (ex VAT) respectively.

The Ui Series mixers feature cross-platform compatibility with iOS, Android, Windows, Mac OS, and Linux devices, and can use up to 10 control devices simultaneously.

> <http://bit.ly/soundcraftuiseries>



CASE STUDY: JBL CBT provides Rhodes House with PA flexibility



Venue:

Rhodes House, Oxford
Mansion house now used for a wide range of functions

Design and Installation:

City AV

Loudspeakers:

JBL CBT50:LA-1, Control 25AV

Amplification:

Crown XLS1500, XLS 1000

Network & Control:

BSS BLU-100, BLU-BIB,
BLU-BOB1



Read the full story: <http://bit.ly/rhodeshouse>

Sound Technology Ltd introduces HiQnet Audio Architect training

Sound Technology Ltd is now running two HARMAN HiQnet Audio Architect courses at its offices in Letchworth Garden City, Hertsfordshire

The one-day Introductory Course is aimed at sales staff and engineers new to HARMAN's DSP products, while the two-day Engineer's Course is aimed at engineers who have some prior experience of programming DSP based equipment.

For more information, dates and to book a place please visit www.soundtech.co.uk/training or call Sound Technology Ltd on 01462 480000.

> www.soundtech.co.uk/training

More JBL loudspeakers EN54 certified



JBL Professional continues to provide the systems integration community with EN54-compliant solutions with the introduction of new ceiling loudspeakers.

The JBL Control 10C-VA Series features three new models that are EN54-certified versions of the JBL Control 10 Series, while the CSS-15C-VA is ideal for voice alarm applications.

> bit.ly/jblcontrolen54



The EN54-certified Control 12C-VA, Control 14C-VA, Control 16C-VA and CSS-15VA will available later this spring.

JBL Professional debuts SRX800 Series powered loudspeakers



JBL Professional has introduced the SRX800 Series powered loudspeakers, which incorporate premium JBL transducers and Crown DriveCore amplifiers to deliver exceptional sound quality with user-configurable DSP speaker-tuning

capability.

The onboard DSP includes 20 parametric equalizers, 96kHz FIR filters for improved crossover tuning, speaker-delay adjustment and a signal generator to aid in system calibration.

> <http://bit.ly/jblsrx800>

AKG introduces APS4 Antenna Power Splitter

AKG has introduced the ASP4, a wide-band UHF active power splitter that can feed up



to four receivers with the RF signal coming from one pair of antennas. It also supplies power to all connected receivers. Technical improvements include a flat frequency response and adjustable RF level to guaranty maximum operating distance.

> bit.ly/akgasp4

CASE STUDY: Intellivox solution for renovated St Agnes Church

Venue:

St Agnes Church
Catholic church, Crumlin.

Design and Installation:

Sound Productions

Loudspeakers:

JBL Intellivox DS280

Mixer:

Soundcraft EPM8



Read the full story: <http://bit.ly/stagneschurch>

BSS announces more Contrio Server functionality



Backwards-compatible with BSS Audio's Soundweb London family, the Soundweb Contrio server provides advanced system control and scripting, centralized system management and an integrated media server.

The Soundweb Contrio HiQnet Server is configurable through HiQnet™ Audio Architect with the familiar "drag and drop" method of configuration alongside a new Lua scripting environment.

System management features include a self-healing function and event logging with configurable automatic email ability.

As a media server, Contrio supports both HARMAN BLU link and Audinate Dante audio transports. In addition to its ability to recall system-wide presets, the event scheduler enables message playback over the audio network.

> bit.ly/bsscontrioserver

HARMAN

As the parent company of JBL Pro, AKG, BSS, Soundcraft, Crown, dbx and others, HARMAN leads the world in the design and manufacture of professional audio equipment.



AKG With 1,400 patents, and the largest, best equipped, most productive R&D labs of their kind, AKG® has created some of the truest, most natural sounding microphones and headphones ever made. It's why live music, recording, broadcast and installation professionals keep coming back to AKG.



Crown Over more than 50 years, Crown® power amplifiers, microphones and computer-controlled audio components and software have been designed for major stadiums and arenas, as well as mobile PA systems for musicians and DJs. Professionals demand Crown products for their proven, state-of-the-art technologies, high quality and performance, and rock-solid reliability.



JBL In music and motion picture recording, one name stands alone: JBL Professional®. Before THX® and Dolby®, before stereo and even hi-fi, there was JBL. Today, in 70 percent of all professional venues worldwide, from legendary recording studios, to famous concert halls and movie houses, JBL Pro is the benchmark for quality and the singular reference for accuracy in sound reproduction.



BSS BSS® has earned an international reputation for audio signal processing that addresses the real needs of professional installations. BSS products are powerful, ergonomic examples of the benefits of focused research, design excellence and scrupulous quality assurance.



dbx From complete equalization and speaker management systems, to powered speaker optimizers, direct boxes, zone controllers, EQs and more. dbx training and technical support modules ensure fast, efficient setup of the sound that only dbx can offer.



Soundcraft With a wide range of professional audio mixing consoles for use in live performance, broadcast, sound recording, stage and film, Soundcraft® has built a reputation for desks that became synonymous with the "British Sound."



Founded in 1978, Sound Technology Ltd is one of the largest independent distributors of professional audio products in the UK and ROI. We offer specialist services for the installation market.

Sound Technology Project Team

Sound Technology Ltd's Installed Audio Project Team services the needs of leading audio consultants and installers by providing HARMAN audio system design assistance, support and advice locally in the UK.

ADVICE

Unsure of which products will best suit your project? We can suggest ideal solutions from the vast Harman portfolio of JBL, Crown, BSS, AKG, dbx and Soundcraft to ensure guaranteed performance and help your installation go smoothly.

DESIGN

We work with clients and consultants to create complete system designs based on HARMAN solutions. We provide all supporting EASE models, technical data and pricing quotes based on your requirements and budget. It's a free service to help make your life easier.

SUPPORT

For existing or new installations, we are here locally in the UK to help. As added reassurance we can also call upon support resources from the HARMAN Corporation in Europe and the USA.



Sound Technology demo facility



Sound Technology boasts a 4000 square foot demo facility at our offices in Letchworth Garden City, providing an environment for installers, integrators, consultants, resellers and hire companies to listen to a comprehensive selection of the Harman Pro portfolio.

For more information or to arrange a visit please call us on 01462 480000 or email info@soundtech.co.uk

