



VINCI loudspeaker range expands again

APART AUDIO

Two years ago, when the company celebrated its 20th anniversary, Apart Audio launched the VINCI series which consisted of an integrated amplifier (VINCI2125) and two loudspeakers (VINCI5 and VINCI7). Last year, Apart added the VINCI4 bookshelf loudspeaker to the range – and at ISE 2015, it is highlighting the latest addition in the form of the VINCI8S.

The Apart VINCI8S active subwoofer with high power amplifier is designed to reproduce a fat and deep bass at moderate sound pressure levels. Due to its discreet design and small dimensions, the subwoofer is said to be very easy to integrate even in the most demanding environments.

The VINCI8S is designed to be the perfect match for the Apart VINCI4

and VINCI5 bookshelf speakers or the VINCI7 cabinet loudspeakers. The company says that the combination is the ideal sound system for retail stores, shops, and restaurants or meeting rooms, as well as residential applications where the VINCI8S subwoofer is said to be compatible with most home cinema systems and AV receivers.

At the back of the subwoofer, an adjustable crossover frequency and level control potentiometer is available for optimal blending of the VINCI8S with the main loudspeakers. The VINCI8S can also be set in energy mode, causing the subwoofer to switch to standby mode automatically after a few minutes if it detects no signal at the inputs. In standby mode, it consumes less than 0.5W.

The VINCI8S – which is available in black or white – has a bass reflex

speaker design with an 8in long throw woofer. The cabinet is made of MDF with a high gloss paint finish, and features a magnetic removable grille and the option of either rubber feet or spikes for optimum installation and sound quality.

Stand: 1-P115



The VINCI8S is alternatively available in white

Multiple screen control with Ermac Ultra

EKTA

The number of screens involved in projects are increasing, requiring new management systems, which is why Ekta has created a new generation of video processor, the Ermac Ultra, which can simultaneously manage a complex of 32 screens of different models and configurations.

"As a rule, to manage one or several screens of the same type requires one video processor," said Ekta sales director Oleg Bogomolov. "Ermac Ultra readily works up to 32 screens of different types and sizes. This distinguishes

it from other processors on the AV-technology market and opens up opportunities for the most grandiose projects."

The system combines many complex functions that were previously handled by different devices. Processor operation can be carried out via any of the five control interfaces: USB 2.0 for desktop/laptop PC and touchscreen, system console,

DMX512, Ethernet and internet.

It supports a resolution of 3840 x 2160 at 60Hz with 18-bit colour processing, and is based on a new Nvidia quad-core processor, the Tegra 3, for high performance. It has 3G-SDI, DP 1.2 and HDMI inputs, and can manage large video surfaces (including 3D) with a total number of pixels displayed of up to 10 million at 60Hz.

Stand: 11-E52



Ermac Ultra can manage 32 screens of different types

4K infrastructure continues growth

GEFEN

As the necessary 4K/UltraHD infrastructure starts to grow, a company doing its bit is Gefen, which is demonstrating a range of products at ISE 2015 designed to allow UHD content to be extended and integrated.

The UltraHD Extender over One Fiber delivers resolutions up to 4K (3840 x 2160 @30Hz) with RS-232 and bi-directional IR using one SC-terminated fibre optic cable. This long-range solution is said to be effective up to 2,000m in distance. RS-232 offers an easy method of system automation and control, notes Gefen, while bi-directional IR facilitates control from both local and extended locations. Surface-mountable enclosures provide maximum installation flexibility.

Gefen's UltraHD ELR-POL Extender is its newest HDBaseT extender, providing point-to-point

transmission of 4K UltraHD content with RS-232 and bi-directional IR. PoL (Power over Line) provides power to the receiver using the same Cat5 cable, and alleviates the need for a power source at the receiver side. Distances up to 150m at 1080p full HD and up to 100m at 4K UltraHD can be achieved. Content is delivered with near zero latency, the company says, using industry-standard Cat5 cabling combined with Gefen's ELR (Extra Long Range) implementation of HDBaseT technology.

Gefen is also unveiling its UltraHD 8x8 Matrix which routes eight sources in any combination

to eight displays with seamless switching between all sources and displays. Gefen FST (Fast Switching Technology) is included to speed switching time and improve the HDCP authentication process. Lossless audio formats such as Dolby TrueHD and DTS-HD Master Audio are delivered along with resolutions up to 4K supporting 3DTV pass-through. Selectable buttons on the matrix enclosure enable users to refine system performance, and include options for advanced EDID management, audio, FST modes and routing options.

Stand: 1-M45



4K extension: The UltraHD Extender over One Fiber works up to 2km

X marks a sweet spot for amplifier tech

POWERSOFT

The X Series amplifier is making its ISE debut, consisting of two models suitable for both fixed installations and concert touring.

The X8 offers eight channels in a 2U chassis, while the X4 features four channels in a single rack unit. Both models share the same power density and can deliver up to 5200W at 2ohms per channel.

The X Series natively supports AES3, two redundant Dante digital streams and analogue inputs, providing up to four different selectable input sources per channel.

Powersoft says the power supply is now suitable for single-phase, bi-phase or three-phase operation from 85V AC up to 440V AC without the need for manual selection. True three-phase load balancing is directly achievable by the unit without any complex load assignment in the power distribution system design.

Neutral connection is not necessary, given the capability

of the unit to work in delta connection on three-phase-systems. The power supply also features full Power Factor Correction as well as Powersoft's patented Smart Rails Management technology, ensuring that the X Series runs as efficiently as possible.

Claudio Lastrucci, R&D director for Powersoft, said: "Our sights have been fixed firmly on the future during the design of the X Series. We looked at what we believe amplifiers will require for the next 10 years and made a platform capable of meeting these needs as well as building in a certain level of future proof expandability."

An integrated WiFi connection permits the Powersoft X Series to be managed via smartphone or tablet through an interface specifically developed for local monitoring.

Support for 100Mbps and Gigabit Ethernet makes the X Series easy to integrate into any existing infrastructure.

Stand: 7-K175



The X8 is an eight-channel amp in a 2U chassis, while the X4 features four channels in a single rack unit

LQ link up secures intercom and audio over IP

CLEAR-COM

The LQ Series linking family and new capabilities in the Eclipse HX digital matrix intercom systems are being showcased at ISE 2015.

Clear-Com claims its new LQ Series is a fast and simple solution to extend or link intercom or audio to any remote location over secure IP network – LAN, WAN or internet. LQ devices come in a 2-wire (LQ-2W2) or 4-wire (LQ-4W2) option.

The LQ-2W2 can connect partylines together for an intercom circuit over IP and is Clear-Com and RTS compatible. The company says the concept is similar to a mini partyline main station with IP connectivity.

The LQ-4W2 connects and routes audio between analogue ports of any matrix intercom system, analogue telephone circuits, two-way radio gateways and audio consoles. A maximum of six LQ Series devices can be linked together in any 2- or 4-wire combination.

The Eclipse HX v8.0 configuration software for the Eclipse HX digital matrix intercom systems enables standard IP-connected V-Series panels to operate both as fully functional intercom keypanels and as multi-channel audio gateways. There is no requirement for additional hardware or software licences.

The software feature extends the Eclipse HX's existing capability to provide remote matrix intercom connectivity over diverse IP infrastructure at no additional cost, which Clear-Com says will enable audio and intercom connectivity for applications such as live events to be more cost-effective.

Stand: 7-S225

The LQ Series extends or links intercom or audio to any remote location over a secure IP network

