ISE 2018: Serious In Tent

"Bloody hard to book a table at a Korean restaurant this week!" Such was the commentary of an Amsterdam-based, non-AV friend who I met in the days prior to Integrated Systems Europe. ISE *is* big. Bigger than last year. A whole lot bigger than a few years ago. Monstrous compared to its launch 10 or 12 years ago. It's so big that the tack-on 'tent' ISE added to the car park to accommodate new exhibitors is, I warrant, bigger than the entire Integrate show. (Okay, 'tent' doesn't begin to describe the temporary, acres-wide structure, but you get the idea.) ISE attracted 80,000+ visitors in 2018. There were 1200+ exhibitors, including Google this year. It's a bigger exhibitor show than IBC. It's enormous. And the Korean restaurants were slammed.

2018 is the year of the customer. Not to say last year wasn't, it's just that this year I sense that the new product releases have the client (and increasingly that's the end user or the IT dept) in the cross hairs. Ease of use, deployability, and ability to monitor are arguably trumping the needs of customisation or versatility or even the race for 'best of breed' performance.

Have a look at the selection of new product releases below and make up your own mind. There's no shortage of innovation but 'making things simpler' for the customer is a thread that runs through most everything. — *Christopher Holder*.

K-ARRAY MIC ARRAY

K-Array's new Capture-KMC20 microphone is composed of eight 4mm cardioid capsules aligned in a line array configuration featuring Pure Array Technology (PAT). Given its line array characteristics, the Capture shows a minimal variation of gain with distance. As a result, the distance between the orator and the microphone isn't as crucial and he is able to move towards or away from the mic freely without significantly affecting the volume or audio quality. The polar response is cardioid in the horizontal plane and very narrow in the vertical plane, so when mounted vertically, not only does the mic not pick up sound from behind but it's also insensitive to sounds that come from above and below, strongly reducing the amount of ambient sound captured. The microphone's slender frame is shaped from a 6x6mm solid square brass bar using a milling cutter with bits less than 2mm in radius. Looks like a discreet mic for conference halls, boardrooms, houses of worship and TV studios.

K-Array: www.k-array.com
NAS: 1800 441 440 or www.nationalaudio.com.au

SAMSUNG FLIP

Samsung Flip is an interactive display that drives more productive and efficient collaboration without the hassle. Meetings can take place anywhere and at any time, with all vital elements included. For businesses that lack collaborative environments, Samsung Flip elevates any personal office or available room into a fully-functional huddle space. Conversations and content can be saved and shared easily through mobile and digital channels. Use Flip to create, draw, write and inspire with the smooth and familiar feel of traditional writing in a versatile digital format. A variety of colours, styles and widths are available and up to four people can write simultaneously, using any object as the writing tool. Align your personal devices with the central screen for interactive content visibility, notation and sharing. Samsung Flip includes a dedicated HDMI port for seamless connectivity with users' personal devices.

Samsung: displaysolutions.samsung.com

YAMAHA RIVAGE PM7

The central component of the Rivage PM7 system is the CSD-R7 digital mixing console. The same size as Rivage PM10's control surface, the CSD-R7 has the DSP engine built in and delivers a greater degree of portability and system flexibility. With 120 input channels, 60 mix buses, 24 matrices and a selection of 48 plug-ins, Rivage PM7 provides a similar mixing capacity to the company's Rivage PM10. Rivage PM7 uses Yamaha's TWINLANe networking technology, Dante, or both. The dedicated TWINLANe network uses optical cable to handle up 400 channels of audio. Combinations of the RPio622 and/or RPio222 I/O racks and HY256-TL or HY256-TL-SMF audio interface cards allow input via Hybrid Microphone Preamplifiers with analogue input stages, taking Yamaha's 'natural sound' concept to new heights, as well as digital sections with Virtual Circuit Modelling of Rupert Neve Designs transformer and SILK processing circuitry.

Yamaha: www.yamahaproaudio.com

EPSON 3LCD 4K PROJECTOR

Epson has announced a 12,000-lumen native 4K 3LCD laser projector, the Pro L12000Q. Epson also adds the compact Pro L20000U to its large venue projector line, boasting 20,000 lumens of colour and white brightness1 and WUXGA resolution. Epson's Pro L-Series laser projectors are designed for demanding environments, including rental and staging events, lecture halls, and digital signage installations. The new Pro L12000Q and L20000U models share the same robust, compact and lightweight chassis that makes them easy to integrate into existing infrastructure – a breakthrough at this level of brightness. The new projectors also feature support for HDR, 360-degree installation flexibility, and a sealed light source and optical engine to protect from dust and smoke. The Pro L12000Q and L20000U are compatible with Epson's Pro L-Series lens family, including the new ultra short-throw ELPLX02 for large image projection from just a few feet away. Epson laser technology delivers remarkable colour accuracy, easy set-up, and up to 20,000 hours of laser light source for a virtually maintenance-free solution.

Epson: www.epson.com.au/laserprojectors

INFOCUS LAUNCHES NEW JTOUCH MODEL

InFocus launches the JTouch Plus INF8630AG, the latest and largest addition to its JTouch open Android-based interactive touch display solutions built for collaboration. The JTouch Plus INF8630AG features a 4K anti-glare 86-inch display that users can customise and annotate over any documents, whiteboard, browse the web, and run Android apps, plus wirelessly cast with ease using LightCast. The 86-inch JTouch Plus is well suited to education applications, using an open Android platform that allows users to easily install and use any applications from the Google Play Store. Students can interact with educational content, games and information on the large screen as they would on a tablet. Featuring Total Touch Control, the JTouch Plus is intuitive to use without a remote. Teachers and presenters can also connect any device (HDMI, VGA or PC), freeze the screen and annotate over any content, and then save screen captures to the internal storage or an external USB drive.

Westan: (02) 8033 2186 or www.westan.com.au
InFocus: www.infocus.com

MEYER HITS CEILING WITH ASHBY

Meyer Sound continues to expand its installation range of products. The Ashby Series of self-powered ceiling loudspeakers incorporates the Meyer's IntelligentDC technology — joining the seven surfacemount loudspeakers already using the tech. The series combine Meyer's self-powered ethos along with the installation ease of distributed low-voltage systems. The Ashby Series comprises two flushmount models: the Ashby-5C with a five-inch low-mid cone driver and the Ashby-8C with an eight-inch low-mid driver. Both employ a concentric 0.75-inch metal dome tweeter and are housed in integral, quick-mount metal backcans with Phoenix connectors for fast, simple installation in new or retrofit systems. The innovative dual-driver concentric design provides a uniform 100° dispersion pattern, allowing use of fewer speakers to cover a wide listening area. A remote MPS-488HP rack-mount unit supplies both balanced audio signal and 48V DC power for the amplifier.

Audio Brands Australia: 0499 828 521 or sales@audiobrands.com.au
Meyer Sound: www.meyersound.com

PETER COMAN'S ISE TIPS:

People talk about ISE being too big. Anyone who's been to CES in Las Vegas will understand what 'big' is. CES makes ISE look like a village fete. Yes, you need the full four days of the show to see everything. Yes, it's reaching the maximum capacity of the RAI exhibition centre. But I don't think it's too big. I especially love ISE for the gems I can find from the smaller exhibitors. AV over IP solutions were everywhere: More companies are taking on the SDVoE solution, like Christie (with PureLink). I'm disappointed that no one else is really championing AVB. Not sure Biamp can carry that torch by itself. Imagine if a company like a Lightware picked up AVB, I think that'd be healthy.

Crestron NVX: The biggest issue until now has been the lack of support of Dante — that support is a big deal. The Xio control and monitoring platform is a big step forward as well. It turns NVX into an attractive proposition to the IT gatekeeper.

Samsung Wall: Samsung's Wall uses Micro LED (ie. they're self illuminating/don't need any back light), and are arranged in tiles. It presents as a really clean flat surface and looks well suited as a primo large-format indoor display for the likes of an ASX100 boardroom.

Extron introduces the TeamWork Connect 300, a cost effective, pre-configured collaboration system for two digital and one analogue source. Simply connect a Show Me cable to a laptop or tablet to automatically power on the system. When a user presses the Share button on a Show Me cable, the switcher selects that input and the Share button lights up for visual confirmation. TeamWork Connect works with most laptops, tablets, and flat panel displays, and supports full resolution computer and video signals up to 1920x1200, including 1080p/60 and 2K.
Extron: www.extron.com.au

Apart Audio's REVAMP8250 is a flexible solution for commercial installers, which provide multi zone audio for a wide range of project requirements. Featuring an eight-channel bridgeable Class-D power amplifier, the REVAMP8250 has the ability to create eight zones in mono, four zones in stereo, and four bridged mono or two bridged stereo systems.
Apart Audio: www.apart-audio.com
Amber Technology: www.ambertech.com.au

ADAMSON IS-SERIES POINT SOURCE

Adamson's IS-Series has new models: the IS7p and IS10p. Like the existing IS-Series offerings — the IS7 and IS10 two-way, full-range line array cabinets and IS118 and IS119 subwoofers — the new point source models pack Adamson's sophisticated tour-grade technology into a sleek package with rugged and unobtrusive rigging solutions, keeping the focus on the architecture in any given application. Both loudspeakers feature newly designed rotatable waveguides, with nominal dispersion patterns of 70° x 40° or 100° x 50°, respectively, and ensure a smooth transition from on- to off-axis positions, delivering natural sound without diffraction or lobing. Depending on the application, their full-range capabilities can negate the need for a subwoofer, and with their high SPL-to-size ratio, the IS7p and IS10p are remarkably efficient solutions. Available in June.

Adamson: www.adamsonsystems.com
CMI: (03) 9315 2244 or www.cmi.com.au

DYNACORD 4- & 8-CHANNEL AMPS

Engineered and manufactured in Germany, Dynacord's new IPX series comprises three four-channel models and one eight-channel model, offering a power density of 5kW, 10kW and even 20kW from a single amplifier with all channels driven. With outstanding audio performance, integration flexibility and reliability, IPX series amplifiers can cover a wide range of fixed install venues, from concert halls, art centres, theatres, and houses of worship to distributed sound systems in stadiums and entertainment centres. Combined with high energy savings via the new Dynacord Eco Rail mode, they represent an 'outstanding value' for mid- to large-sized audio installation. The integrated OMNEO interface with a primary and secondary port allows the use of eight channels from a Dante audio network, while remote and supervision parameters run on OCA protocol (AES70), open for third-party integration. The IPX series offers 96k digital signal processing. The three DSP blocks are split into user, array and speaker processing controls, each featuring a wide range of equalisation, delay, level options and even asymmetric filters to adapt to almost any application.

Dynacord: www.dynacord.com
Australian Distributor:
www.boschcommunications.com.au

EPIPHAN AV STUDIO

AV Studio is a SaaS product that streamlines post-processing of recorded video through remote operation and monitoring of simple on-site capture hardware. AV Studio makes for ultra low-cost recording and post-production of live seminars and conference breakout rooms using cloud-based infrastructure.

Epiphan has some new hardware as well: Pearl Mini is a portable unit that can record, stream and switch up to two HD inputs simultaneously. Pearl Mini works with HDMI, SDI, and DVI sources without the need for signal converters or scalers. Design your own custom layouts, including picture in picture and image overlays, using the drag-and-drop editor in Pearl Mini's web-based Admin panel. Combine, crop, and scale up to 2 HD video sources. Add overlay images, text, and timestamping and more. Simultaneously livestream to YouTube, Facebook or any other CDN or CMS. At the same time, use the built-in streaming server to stream locally to web browsers, smart TVs, and set-top boxes.

Epiphan: www.epiphan.com
AV Studio: www.avstudio.com
AP Technology: (02) 9452 6001 or www.aptech.com.au

PETER COMAN'S ISE TIPS:

Crestron AirBoard: Actually a rebadged Kaptivo product that works great. It's designed for a conventional whiteboard and captures the content by taking snapshots as and when the content changes. It's not just sitting there chewing up hard drive space. We attempted to design something like it from scratch six years ago while working on a USC project without success. Great to see a professional, resolved product like this in the market. And perfect for the university space.

Neets Soundbar: A range of soundbars with interchangeable covers to match a room's aesthetics. It's affordable, which is what you need when you go to install 100+ of these devices into a university. Not only is it priced right but has RS232 control. We've had experiences of a soundbar going to sleep and without the control port, can only be woken up manually — which is a huge pain in the neck.

Sleek Erard: neat idea from a mounts specialist. It's a mount for a screen that allows you to sit it up against a glass wall without any drilling or mounting directly to the glass. A real problem solver.

Lenovo Skype 'Phone': The ThinkSmart Hub 500 is a PC touch panel that's designed as a thoroughbred Skype for Business product. The 11.6-inch LCD can be tilted. It's in direct competition to the Logitech Dock but it combines a Lenovo PCs into an all-in-one unit. Neat.

Solstice Kepler, **Mersive**'s latest 3.1 version of Solstice adds new features for meeting collaborators, including room scheduling via calendar integration, expanded in-product language support, a fully redesigned welcome screen and more. The room scheduling feature integrates with Microsoft Exchange and Office 365 to automatically maintain an updated room calendar and can support other 3rd party calendar systems via the Solstice OpenControl API.
Mersive: www.mersive.com
Midwhich: www.midwich.com.au

Gefen's 4K Ultra HD 600MHz 1:2 Scaler with EDID Detective and Audio-De-Embedder helps SIs solve compatibility issues often encountered in installations including a mix of 4K and 1080p displays. Thanks to independent scalers built into each of its two HDMI outputs, one output can downscale a 4K 600MHz signal to 1080p Full HD, while the other can upscale an HD signal to 4K Ultra HD 600MHz, maximising compatibility in a mixed resolution display system.
Gefen: www.gefen.com
Amber Technology:
www.ambertech.com.au

LISTENTECH LISTENTALK

ListenTALK enables clear, secure, reciprocal communications. The product features a pocket-sized device that makes it easy for groups of two or more people to listen and talk with the push of a button. It is ideal for noisy, crowded and/or mobile environments where people need to communicate and wish to avoid having to shout or whisper. Applications include guided tours, training and collaboration, mobile sales or safety presentations, intercom/event production, language interpretation, and many more. Built on the less crowded 1.9GHz DECT (Digital Enhanced Cordless Telecommunications) band, and offering secure encryption and full duplex spread spectrum technology, ListenTALK delivers the best and most powerful single solution to group communications. ListenTALK groups can be set up quickly and easily using the free software suite, docking station tray, or by simply touching the units together using near field communication (NFC). ListenTALK devices can be configured in bulk by the simple push of a button on the docking station tray.

ListenTechnologies: www.listentech.com
ListenTALK: www.listentalk.com
Australian Distributor: www.nationalaudio.com.au

PANASONIC BEYOND 4K

Panasonic has unveiled new 4K solutions, including a 'beyond 4K' 20,000 lumens laser projector and a 4K professional display lineup. The PT-RQ22K beyond 4K laser projector is equipped with 4K+ (5120 x 3200) resolution and is aimed at live event staging, exhibitions, rental, and permanent installations where absolute reliability is critical. It meets the demand for a light weight, high-brightness 4K+ projector with film-like image quality, suitable for single or stacked projections. The PT-RQ22K shares the same compact dimensions and 20,000 lumens brightness as the PT-RZ21K series, a WUXGA/SXGA+ projector. The imaging engines include a Quad Pixel Drive and 240Hz real motion processor. Heat-resistant phosphor wheels and solid-state laser modules serve vivid 4K+ images with industry leading brightness, contrast, and accuracy. The PT-RQ22K also offers BT.2020 emulation and supports premium HDR video content playback.

Panasonic: www.business.panasonic.com.au

QSC REFLECTS

Something for IT/AV system administrators: Q-SYS Reflect is a new management platform for the Q-SYS ecosystem, which will launch with two different versions. Q-SYS Reflect Core Manager runs natively on the Q-SYS Core processor and provides a more modern and secure interface for common, IT related tasks on the Q-SYS hardware. Q-SYS Reflect Enterprise Manager extends that web platform to the cloud and provides a hosted solution to monitor and manage multiple Q-SYS systems including Core processors and peripherals. QSC also released:

The Q-SYS UCI Editor is an easy to use, drag-and-drop design tool that allows users to create custom, robust UCIs for native Q-SYS touchscreen controllers.

For installations that require more complex control integration, the Q-SYS Scripting Engine allows control plug-ins and scripts to easily integrate third-party devices. TSC-G2 Series Touch Screen Controllers were also launched equipped with IPS technology for superior off-axis viewing, and require no dedicated control hardware to operate.

QSC: www.qsc.com
Technical Audio Group: (02) 9519 0900 or www.tag.com.au

PETER COMAN'S ISE TIPS:

FantaLED: I like the look of this LED 'rope' product for theming a large void like you might find in a corporate foyer or a shopping centre atrium. Too low res to display content but it's eye catching.
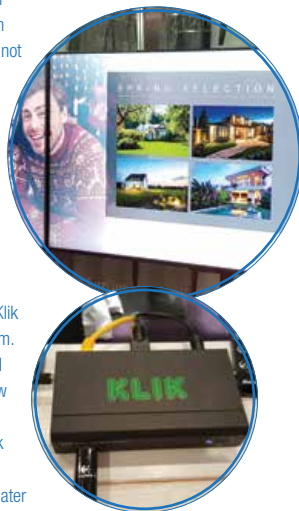
LG as a lo-res LED product that can mount to a glass wall. It was only in white LED last year, this year it colour changing. Once refined it can be actually usable for displaying content.

Cisco Spark Quad Camera: an addition to the Spark family. I'm not Cisco's biggest fan but this looks like a potentially good solution: an entry-level VC system with a 4K camera, multiple cameras, a soundbar, mic array and good aesthetics.

PQ Labs: PQ labs is known for its touch overlays. This is an infrared emitter that you can place on any glass surface, not necessarily on a TV display and turn it into a touch screen. So imagine if you had a window with these emitters and the actual display behind the window, the glass could act as the interface. Calling all real estate agents!

Klik: I liked the look of the Klik wireless collaboration system. It support iOS and Android (I tested it for both at the show and it worked instantly). It can sit on the client network and talk wirelessly through the client network. Much neater than having an Apple TV and a Miracast dongle to cater for both flavours.

Praesensa is the latest Public Address and Voice Alarm System from **Bosch** – IP-connected and fully-featured. All components are networked, thereby ensuring the highest flexibility and scalability from small centralised to large decentralised systems. The Bosch Omneo IP architecture supports Dante audio networking, AES67 and AES70 protocol. Praesensa offers high levels of data security and full network link redundancy with smart integration of functions and backup facilities — no single point of failure and only a few different devices are needed to fulfil system needs.
Bosch:
www.boschcommunications.com.au

Casio's XJ-L8300HN is the company's first 4K Ultra HD projector, featuring 5000 lumens brightness with a resolution of 3840 x 2160 pixels and is equipped with a DLP chip. Casio's Business Development Manager, John Dykes: "We've seen a continued level of growth in our lamp-free projectors, especially with our Core Series due to its competitive price point and brightness of up to 3500 lumens brightness. The 4K XJ-L8300HN will be on display so that integrators can see the performance of its lamp-free design at this high resolution."
Casio:
www.casioprojector.shriro.com.au

AMX ACENDO VIBE

AMX Acendo Vibe is a new line of premium conferencing sound bars designed for huddle spaces and smaller meeting environments. It's an all-in-one solution that requires no programming or installation of additional equipment, and is available in three colours. Acendo Vibe 5100 and 2100 series models incorporate advanced JBL technologies, including far-field microphones and integrated AEC to ensure everyone in the room can be heard clearly. USB and Bluetooth connectivity streamlines BYOD (bring your own device) conference applications by allowing users to easily connect laptops, phones and tablets. Dedicated audio inputs and outputs allow users to integrate Acendo Vibe with other AV systems, such as assistive listening systems and more. The 120° field-of-view (FoV) camera allows everyone in the room to be seen, including individuals sitting close to the display. The 5100 Series also includes HDMI connections to route video to the display, and automatically turn the display on when a laptop is connected.

avt: (07) 5531 3103 or www.avt.tech
AMX: www.amx.com

ATLONA 4K HDBASET RECEIVER

Atlona introduced the AT-HDVS-SC-RX at ISE, its first HDBaseT receiver with Atlona CrystalScale Technology (ACT), a 4K scaling and video wall processing engine. The HDVS-SC-RX carries over the most pertinent features of its 1080p-only predecessor, the HDVS-200-RX, including image adjustment capability, audio de-embedding, and the ability to automatically match incoming signals to the display's native resolution. For the first time, Atlona has engineered CrystalScale, the core signal processing engine to fully optimise image quality and switching performance. This includes new features to support mirror/flip and 90° image rotation, motion-adaptive video de-interlacing, 3:2 pull-down, aspect ratio control, and internal test pattern generation. The premium scaler inside the HDVS-SC-RX makes a significant difference when showing small numbers and detailed graphs. The scaling receiver also adds a second HDMI input, allowing users to incorporate additional content from a local computer or wireless base.

Midwich: 1300 666 099 or www.midwich.com.au
Atlona: www.atlona.com

BEYERDYNAMIC PHONUM

Beyerdynamic's Phonum is a compact, portable battery-operated speakerphone uses a downfire loudspeaker that radiates the sound across the table surface. Phonum also uses Beyer's Voice Compass technology to draw attention to the spoken word. Phonum improves the quality of the audio transmission and the communication effectiveness. Phonum can be set up quickly and easily in any room and connected effortlessly via Bluetooth or USB to a smartphone or computer. This enables meetings to be held without large conference rooms and complex, fixed communications systems — spontaneously, quickly, creatively and with the team in mind. Phonum can be powered with its integrated rechargeable battery, and with up to 15 hours speaking time it offers more than enough time for longer meetings. During USB operation, the system sources its power directly from the data port.

Beyerdynamic: www.beyerdynamic.com
Syntec: 1300 467 968 or www.syntec.com.au

ISE PRODUCT HIGHLIGHT:

LUMENS: TAP & GO
One of the pleasant surprises to come out of ISE was Lumens' introduction of TapShare. Every product like this owes something to the seminal ClickShare from Barco. And every product like this is at pains to not tread on Barco's patent toes.

TapShare is a two-cable solution. There's a wireless receiver that connect to your display, and there's the table top transmitter (you can connect up to 64 transmitters to the one receiver). The transmitter has an attached USB cable to accept power from your laptop (and to control an interactive whiteboard). That's lead No.1. Lead No.2 is either a mini displayport or HDMI cable that takes the video output of your laptop. The result is 1080p video (60fps) or 4K (@ 30fps) with negligible latency.

A USB port in the transmitter allows the sharing of a mobile device. Once plugged in (no drivers required), simply hit (tap) the button on the transmitter and the presenter will be given the option of allowing the device to be displayed on screen. Once the okay is given the display goes into split-screen multiview (up to four sources may be displayed at once).

Rounding out the I/O there's an ethernet port on the transmitter which also allow PoE.

It's also possible to Airplay and Android screen mirroring straight to the display via your device, using the TapShare receiver's built-in 5G wifi network. No drivers required.

Setting it apart, TapShare features 'reverse control'. So for example if you're using a Surface Hub as your main display and you were sitting at the desk with a Surface Pro, then drawing on the Hub will be replicated on the pro and not just the other way around. There are similar applications for interactive projection as well. General consensus suggests the fluidity of the screen sharing is first class. The video quality is excellent.
Corsair Solutions: (03) 9005 9861 or www.corsairsolutions.com.au

Chief's Impact On-Wall Kiosk brings a new level of flexibility to the digital signage enclosure market, while maintaining a sleek aesthetic to complement a variety of environments. A depth-adjustable exterior frame allows for a variety of display sizes. Reversible hinges help to avoid installation and service obstructions, and the design keeps the display mounted to the frame when opened, providing unparalleled service and maintenance access.
Chief: www.milestone.com
Midwich: www.midwich.com.au

BIAMP'S NEXT GEN DEVIO

Biamp's next generation of the Devio products pack unique features and patented capabilities that further improve audio quality, while also simplifying installation and programming for integrators. The enhancements broaden room design flexibility, deliver improved video capabilities, and expand support for VoIP/POTS handsets and mobile devices. Equipped with Biamp's beamtracking technology, Devio microphones not only identify and lock onto a signal source, but also track that source as they move around the room. This ability to capture participants' conversation as they collaborate, while intelligently mixing conversations from around the table, allows far-end conference participants to experience a more natural-sounding conversation as it unfolds. Devio is a cost-effective, uncomplicated USB audio interface that provides users of web-based conferencing systems with an exceptional AV experience.

Biamp: www.biamp.com
Jands: www.jands.com.au

BRIGHTSIGN SHOWCASES XD4 AND XT4 AT ISE

BrightSign introduces the first of its Series 4 Players, the XD4 and XT4. The Series 4 range is newly designed to support Dolby Vision and deliver BrightSign's fastest performance to date through upgraded processing power. The XD234 and XD1034 will replace the current XD Series 3 models and XT244 and XT1144 will replace the current XT Series 3 line. As always, the XT line will support PoE and XT1144 supports HDMI In to deliver Live TV to end-points either via an HDMI cable or streaming over a network. The new players will continue using the sleek, patented industrial design of the Series 3 players. Jeff Hastings, CEO: "We are constantly looking to improve our award winning players and build in support for the newest video formats. The new models offer even faster performance and support the latest, most advanced form of 4K HDR video by Dolby Vision."

Midwich: 1300 666 099 or www.midwich.com.au
Brightsign: www.brightsign.biz

JBL VLA COMPACT LINE ARRAY

JBL's VLA Compact Series offers the 'same performance' as the VLA Series long-throw line arrays in a more compact, outdoor-ready solution for use in a number of scenarios, from small- to mid-sized stadiums and arenas to larger venues. VLA Compact is designed specifically for permanent installation applications requiring even coverage, high intelligibility and high audio levels, offering large format horn-loaded modules to provide broad bandwidth horizontal directivity and an increase in sensitivity. The full-range models of the VLA Compact Series include dual 10-inch low frequency drivers featuring Harman's Differential Drive technology, with 65° and 100° horizontal coverage options available. A subwoofer with dual 15-inch Differential Drive woofers is also available. Because the VLA Compact is intended for outdoor use, the speakers also include weather protection out of the box, with an IP55-rated fibreglass enclosure and steel end panels.

JBL: www.jblpro.com
avt: avt.tech

EVOLUTION WIRELESS 300 G4

New evolution wireless from Sennheiser. The ew300 G4 series is specifically geared to enterprises, hotels, conference centres, schools and universities. The systems are available in various frequency ranges in the UHF band; the switching bandwidth has been increased from 42MHz to up to 88MHz (up to 32 channels). The three-stage switchable output power (10/30/50mW) increases the range of the transmitters, thus addressing more difficult RF conditions. All transmitters of the 300 series are equipped with mute switches to give the speaker control over transmission. The latest version of Sennheiser Control Cockpit software enables easier handling, maintenance and control of all wireless microphone solutions – all via web browser on smartphone, tablet and laptop. In addition to SpeechLine Digital Wireless, the new version of the Sennheiser Control Cockpit offers brilliantly convenient control of further microphone systems, which now includes the Digital 6000, evolution wireless G3 and the brand-new evolution wireless G4 series.

Sennheiser: (02) 9910 6700 or www.sennheiser.com.au

TESTING TIMES

The MS-TestPro provides an elegant, handheld solution for in-field testing of HDBaseT-based systems and cabling. With its built-in HDMI Pattern Generator, HDBaseT monitoring, logging and diagnostic functions, the MS-TestPro provides installers and integrators with quick and efficient system analysis and troubleshooting.

MS-TestPro's HDBaseT Tx, Rx and PoH (power over HDBaseT) capabilities provides a highly efficient testing platform for HDBaseT source and sink devices, powered devices and up to 100m of Cate5e (or higher) cabling.

There's an EDID reader on board and will happily play with Extron XTP.

It's not the only HDBaseT diagnostics tool going around but the price of the MS-TestPro makes it a compelling addition to an SI, installer or AV department's toolkit.

M Solutions: www.m4sol.com
Corsair Solutions: (03) 9005 9861 or www.corsairsolutions.com.au