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IN-CEILING SPEAKERS: THE QUIET FORCE BEHIND SMART, SEAMLESS SOUNDSCAPES

VOICEBOX
The Role of AV Solutions in Cybersecurity for Work Environments

EXHIBITION PREVIEW
InfoComm India 2025

INSTALLATION
Christie Projectors Bring the Prehistoric to Life at Chaoyang Museum

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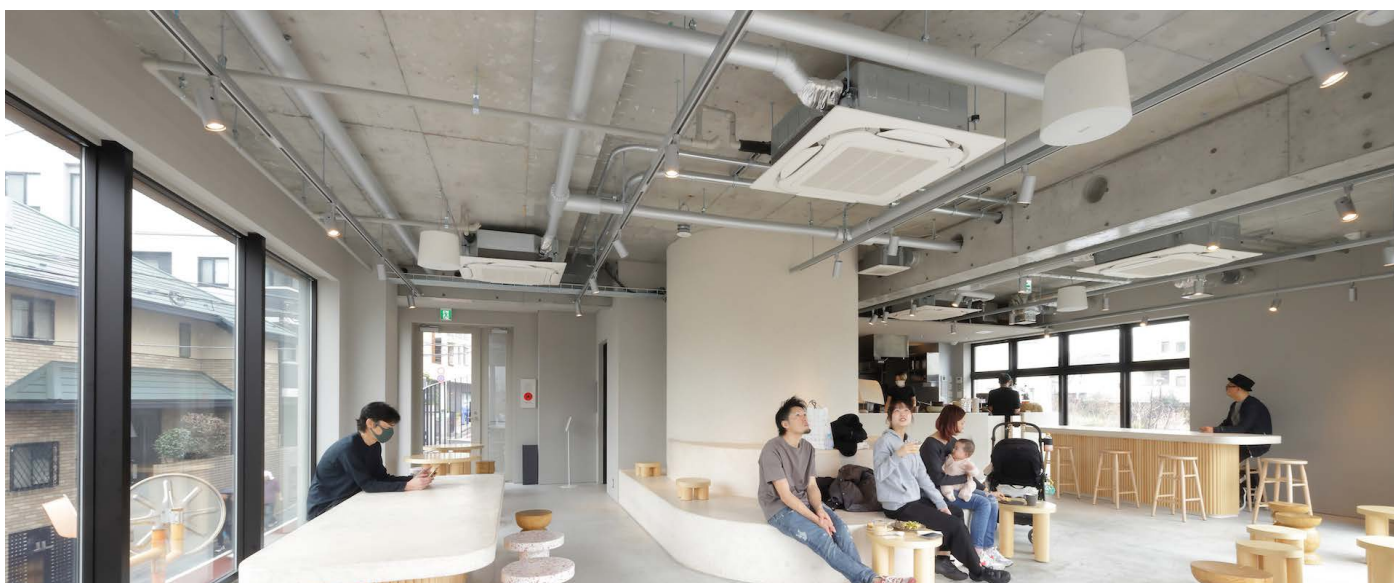**Volume 24 Issue 08: AUGUST 2025**

53 INSTALLATION: Coffeehouse Creates New Sonic Experience with Genelec Smart IP

"We see speakers merging with other ceiling elements—lighting, sensors, even air quality monitors. As expectations grow, speakers will deliver immersive environmental experiences, not just sound."

Ashish Barje, HARMAN

From the Publisher

Thomas Richard Prakasam
Publisher/Editorial Director
thomas@spinworkz.com

Once seen as simple background music solutions for modest commercial spaces, in-ceiling speakers have undergone a remarkable transformation. Today, they're precision-engineered essentials, seamlessly integrated into high-performance AV systems. To unpack how far in-ceiling loudspeakers have come—from technological breakthroughs to what the future holds—we spoke with three industry experts: Ashish Barje (Harman, Justin O'Connor (Bose Professional) and Daniel Saenz (AtlasIED).

Also in this issue, our VoiceBox column turns the mic to a thought-provoking panel discussion on "The Role of AV Solutions in Cybersecurity for Work Environments," held on Day 2 of InfoComm Asia. Moderated by Rebecca Ng, Marketing and PR Manager at VEGA, the session brought together Max Davies (VEGA), Piers Craven (ING), and Lex Strauss (EY) to explore how AV strategies can help safeguard sensitive corporate data in increasingly digital workplaces.

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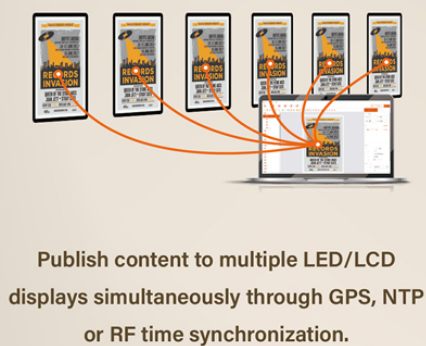
Item	AP21	AP41	MP4k
Loading Capacity	1.3m Pixels	2.3m Pixels	8.8m Pixels
Max Width & Height	Width 4,096 Height 4,096	Width 4,096 Height 4,096	Width 4,096 Height 4,096
Storage (RAM+ROM)	1GB+32GB	1GB+32GB	2GB+32GB
USB (USB3.0)	128GB	128GB	128GB
USB Playback	Support	Support	Support
Decoding Capacity	4K	4K	4K
Layers	1x 4K/ 2x 1080P/ 4x 720P/ 4x 480P/ 8x 360P/	1x 4K/ 2x 1080P/ 4x 720P/ 4x 480P/ 8x 360P/	2x 4K/ 6x 1080P/ 10x 720P/ 16x 360P/
Local & Pre-loaded Playback Switch	Support	Support	/
Ethernet	1,000MPS	1,000MPS	1,000MPS
2.4G WiFi	Support	Support	Support
4G/5G Module	Optional	Optional	Optional
Sync	Support	Support	Support
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The Role of AV Solutions in Cybersecurity for Work Environments

(L-R) Rebecca Ng, Max Davis, Lex Strauss, Piers Craven.

VEGA, a leading international system integrator, was invited by InfoComm Asia to lead a panel discussion on "The Role of AV Solutions in Cybersecurity for Work Environments."

The session took place on the second day of the InfoComm Asia show, featuring **Max Davies**, Country Manager of Australia at **VEGA**; **Piers Craven**, AV Specialist at **ING**; and **Lex Strauss**, Workplace Technology Consultant at **EY**. The discussion, moderated by **Rebecca Ng**, Marketing and Public Relations Manager at **VEGA**, focused on strategies for safeguarding sensitive organizational content. We highlight the key points from the panel discussion.

Sensitive Information & Vulnerability
Representatives from EY and ING emphasized that nearly all information transmitted through AV systems in meeting rooms is sensitive. This includes tax details, business strategies, investment plans, consulting discussions, and personally identifiable information. Such data is vulnerable to being overheard, leaked, or misinterpreted. The panel highlighted that AV devices, being network-connected, must be treated as IT devices, as they can represent a potential "weakest link" for external hackers.

Security Measures & Challenges
Organizations like EY implement stringent security protocols, including setting standards for approved equipment, ensuring timely firmware updates, restricting administrative rights, changing default passwords, and conducting thorough assessments with their information security teams before connecting devices to the network. ING follows a similar approval process for devices and adheres to European standards, ensuring data is hosted onshore.

Evolution of AV Security
Historically, AV systems were managed by facilities departments; however, they are now increasingly integrated with IT infrastructure.

While IT departments initially overlooked AV security, there is growing recognition of its importance, leading to the adoption of "secure by design" principles. Nonetheless, challenges persist in implementing these security measures, particularly the need for flexibility in dynamic environments, which often contrasts with IT's preference for stability.

AV-IT Collaboration
Effective collaboration between AV and IT teams is essential, despite their differing primary objectives—AV focuses on communication and presentation, while IT prioritizes stability. It was noted that AV is essentially a "cog in the IT machine," necessitating ongoing education for local IT staff to treat AV devices with the same respect as other IT assets.

Impact of Remote Work & User Behaviour
The shift to remote work during the COVID-19 pandemic has heightened the emphasis on "on-device security," making every employee responsible for maintaining and adhering to security protocols. Despite established policies—such as prohibiting the use of Google Drive, Dropbox, or USB drives—human behaviour often leads to attempts to bypass rules, including accessing personal websites or emails on work devices. This highlights inconsistencies in policy enforcement and the critical need for thorough monitoring.

Governance and Standards Gaps
A significant challenge identified was the lack of strong governance and standardized auditing processes for AV systems across the industry. While some organizations comply with specific regional standards (e.g., European standards for ING), there is no universal standard akin to ISO 9001 that is widely adopted for AV. The relatively small size of the AV industry compared to IT also hampers the adoption of comprehensive cloud-based security solutions in certain regions.

Physical Security Considerations
In addition to network security, physical aspects of meeting rooms, such as construction and acoustics, are vital to preventing sensitive conversations from being overheard. Ensuring proper soundproofing and preventing microphone interception are critical design considerations. The panel also emphasized the importance of turning off recording features in sensitive meetings.

In conclusion, integrating AV solutions within cybersecurity frameworks is essential for protecting sensitive information in today's work environments. As both remote work and technology continue to evolve, organizations must prioritize security measures that address the unique challenges at the intersection of AV and IT. Effective collaboration between AV and IT teams, transparent governance, and the adoption of standardized processes all play crucial roles.

Partnering with an experienced AV integrator is essential for success at every stage— from selecting the proper hardware and designing secure systems to providing regular maintenance and timely updates that help protect environments from emerging threats.

VEGA

Audinate Acquires Iris to Expand Footprint, Production, and Capabilities

AUDINATE

GLOBAL: Audinate Group Limited, developer of the industry-leading Dante media networking platform, announced that it has agreed to acquire Iris Studio Inc., a leading US company specialising in AI-powered, cloud-based camera control technology.

Iris offers a control-first video production platform that enables users to seamlessly manage cameras remotely, providing features like AI-driven auto tracking, real-time colour correction and cloud recording, all from a single, cloud-based interface. The Iris platform is brand-agnostic and is currently enabled on a wide range of PTZ cameras on the market. Beyond cameras, the Iris software platform is also applicable to a variety of AV products, including encoders, decoders, vision mixers and more.

The acquisition of Iris strengthens Audinate's video platform capabilities while also accelerating its broader vision for interoperable control and management across the AV device ecosystem. Iris enables OEMs with native cloud-based control directly into their devices, allowing users to remotely access, control, manage and monitor devices in real time – without the need for additional hardware. Iris has partnered with 14 different camera manufacturers, including Lumens, PTZOptics, Marshall, BirdDog, Telycam, AIDA and more.

The addition of Iris will bring greater value to Dante customers across a range of markets, including corporate, entertainment, sports, government, houses of worship, broadcast and education. By combining advanced features like remote PTZ control, AI auto-tracking, colour correction, and cloud recording with the capabilities of Dante Studio, AV professionals can deliver more flexible, efficient, and intelligent audio-visual experiences.

"The addition of Iris to the Dante ecosystem is a major step forward for the Dante platform," commented Aidan Williams, Co-Founder and CEO of Audinate. "Combining Iris's broad applicability and cutting-edge remote production capabilities with powerful cloud-based management software like Dante Director will provide significant value for customers managing the millions of Dante-enabled devices in the field today."

Iris launched as a white-label service earlier this year and will launch publicly in the second half of 2025. Audinate and Iris are actively working on integrating future roadmaps to bring Iris functionality to Dante customers.

The Iris team has a strong track record in the AV sector with a focus on developing intelligent, user-friendly tools for the AV industry. Iris's current employees will join Audinate following transaction completion and will work in collaboration with Audinate's teams to continue to expand the capabilities of the Iris platform and to integrate its functionality with Dante products.

"At Iris, we set out to rethink AV device control—intelligent, intuitive, and accessible from anywhere," said Noah Johnson, CEO of Iris. "Partnering with Audinate gives us the scale, reach, and deep AV expertise to accelerate our roadmap and bring our vision to the next level."

Audinate

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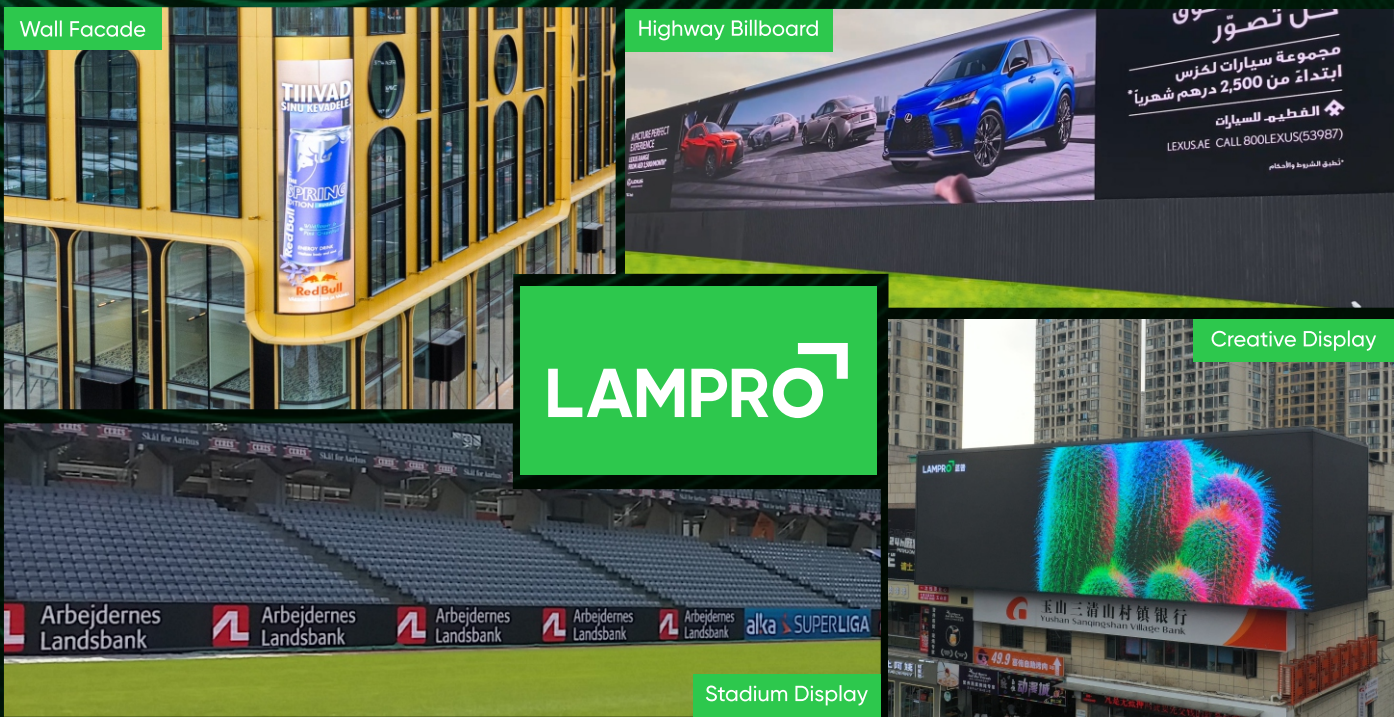
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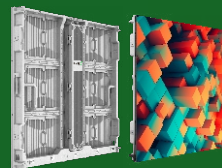
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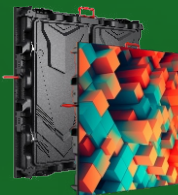
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Christie Solutions Power New Digital Ocean Experience at Xpark Aquarium

Photos courtesy of Dacoms Technology.

TAIWAN: Christie's advanced projection and media playback solutions are powering the new "Xpark meets NAKED – Ocean of Light: Immersive Ocean" exhibition at Xpark Aquarium in Taipei. Created by Japan's globally acclaimed creative company **NAKED, INC.** the exhibition officially opened to the public on June 28 as part of the aquarium's fifth anniversary celebrations.
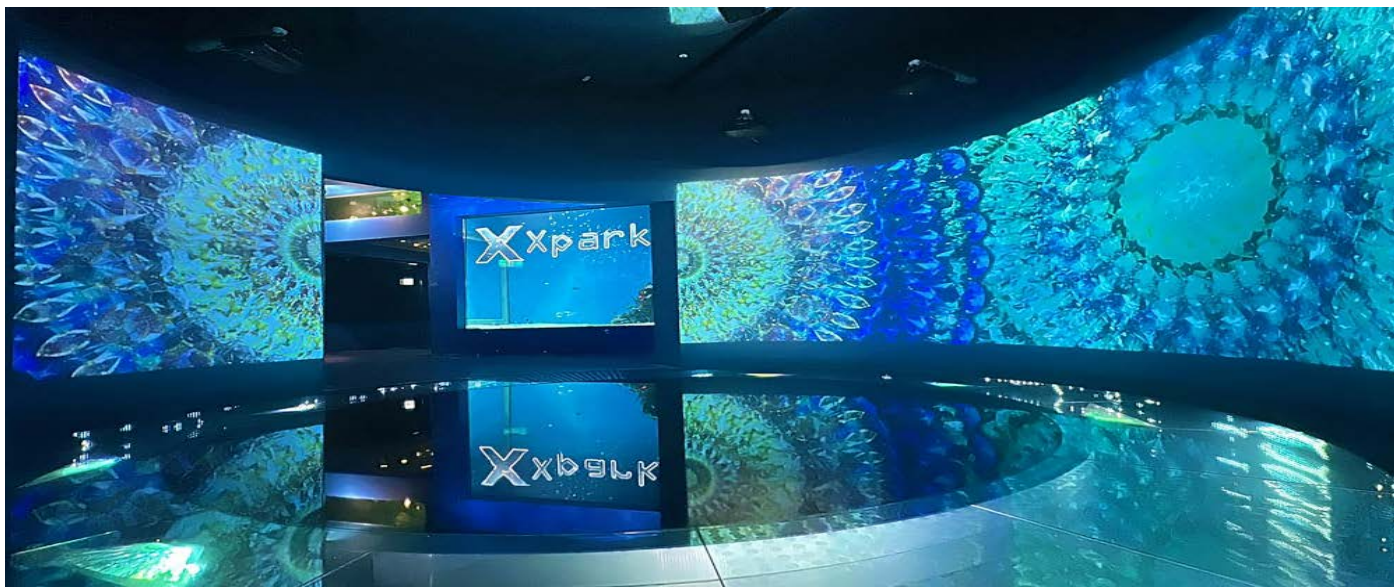
The new "Xpark meets NAKED – Ocean of Light: Immersive Ocean" exhibition is powered by 22 Christie 1DLP laser projectors and content management solutions. This mesmerising attraction seamlessly fuses real marine life with digital art from the "NAKED OCEAN" series to create an immersive, multi-sensory journey. Combining oceanic projections, interactive displays, and rich visual storytelling, the exhibition reimagines the ocean as a living canvas—where nature, creativity, and technology come together to inspire awe and reflection.

Christie's longstanding partner, **Dacoms Technology** was responsible for the projection design and systems integration for this large-scale attraction. The setup features 15 Christie 1DLP laser projectors, including Inspire Series DWU960ST-iS fitted with short throw zoom lenses, GS Series DWU880-GS projectors, and six Pandoras Box Servers for real-time video playback and content processing.

"Christie's projection and content management solutions are once again the top choice for this project, not just because of their visual performance, but also for their dependability in challenging environments," said Terence Lee, Executive Vice President, Dacoms Technology. "Xpark has used Christie solutions since its opening in 2020 and has always been impressed with their consistency. For this immersive showcase, Christie's powerful, flexible solutions provided the confidence we needed to deliver a stunning and memorable experience."

The projectors are used to project lifelike visuals across expansive curved walls and floors, immersing visitors in dynamic marine environments that pulse with light, sound, and motion. With this latest installation, Christie adds to a growing legacy at Xpark, which previously deployed over 60 Christie projectors—including GS Series and Captiva Series models—and 20 Pandoras Box Servers, Compact Players, and Widget Designer when the aquarium first opened.

"We're thrilled to see our technologies once again at the heart of such a forward-thinking exhibition," said Jason Yeo, Senior Sales Manager, Southeast Asia and Taiwan, Christie. "The collaboration between Xpark and NAKED, INC. pushes the boundaries of digital storytelling and environmental awareness. With Christie laser projection and content management solutions, guests are fully

transported into a mesmerising underwater realm that is both visually spectacular and deeply meaningful."

"Ocean of Light: Immersive Ocean" is the first major collaboration between Xpark and NAKED, INC., following the success of their initial partnership in January 2025 with the limited-time attraction "Xpark − Sea of Light Jellyfish − by NAKED, INC.". This second phase marks a significant expansion, with nearly 70% of the indoor zones renewed with digital installations designed for maximum engagement and impact.

"This immersive exhibition invites guests of all ages to explore the ocean's diversity, ecosystems, and conservation challenges through all five senses," added Lee.

Christie

HH Audio Appoints Eddie Tan as Division Manager for APACMEA

APAC/MEA: Eddie Tan has been appointed as HH Audio's new Divisional Sales and Tech Support Manager for the APACMEA region.

Reporting to Ian Wright, Director of HH Audio, Eddie will be responsible for the overall growth of HH within the APACMEA territory and will also provide our partners with technical support and product & systems training.

James Laney, CEO, HH Audio, commented: "Eddie brings HH a wealth of knowledge and experience in both the commercial audio and professional audio/live sound, and has a proven track record in sales, technical support and after-sales. Eddie also has extensive technical qualifications, which boost the standard of the HH team as the brand continues to expand into a larger range of system solutions. Eddie's input to future product development will also be invaluable."

HH Audio

Veteran AV Leader to Oversee Global Expansion and Regional Growth Strategies for Atlona

GLOBAL: Atlona Inc., a division of Hall Research, has promoted **Thorsten Goecke to General Manager, Atlona International**. In this expanded leadership role, Goecke will oversee the company's strategic direction and business operations across EMEA, APAC, and other international markets outside of North America.

Goecke joined Atlona in 2014 as Director of Sales for EMEA and has been instrumental in driving regional channel growth, forging key strategic alliances, and deepening the company's presence across Europe and beyond.

His appointment to General Manager reflects Atlona's continued commitment to international market development and customer success. "Thorsten has consistently demonstrated strong leadership, market insight, and a relentless focus on delivering value to our partners and customers," said Ken Eagle, CEO at Hall Research. "His promotion to General Manager is a natural progression and a key part of our global growth strategy."

In his new role, Goecke will lead regional sales and marketing teams, oversee partner development, and align Atlona's international go-to-market strategy with evolving customer needs across enterprise, education, government, and hospitality sectors.

Atlona

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Sales of KEENFINITY Group Completed

GLOBAL: New owner, new company name: the sale of Bosch Group's security and communications technology product business to European investment firm Triton has been completed. With all necessary clearances secured, KEENFINITY Group will operate as an independent company within the Triton portfolio, effective immediately.

"We are excited about our future as a standalone company and convinced that the partnership with Triton brings us the opportunity to realise our full potential," said Peter Loeffler, CEO of Keenfinity. "Our renowned brands exemplify our dedication to quality, reliability, and innovation, laying a solid foundation for future growth. With a global presence, excellent products, and a dedicated team, we will continue to focus on customer expectations and evolving market requirements."

Keenfinity is the powerhouse behind globally recognised, industry-leading brands, ready to harness their legacy of quality, reliability, and technological excellence to explore new opportunities in the global security and communications technology markets. The company's offerings include cutting-edge intelligent video systems, advanced access control and intrusion alarm technology, as well as communication systems from the prestigious Bosch, Electro-Voice, Dynacord, RTS, and Telex brands.

All products are developed and manufactured by Keenfinity. The four manufacturing facilities and adjacent distribution centres in Straubing in Germany, Ovar in Portugal, Hermosillo in Mexico, and Zhuhai in China provide global production flexibility across Europe, the Americas, and China.

"Keenfinity is at the core of our investment strategy to further develop market-leading companies. We see significant untapped potential and want to support by investing in the company's brands, technology, sales force, and go-to-market strategies, providing our know-how from having owned and successfully developed other businesses in the security and broader building technologies space", said Sachin Jivanji, Investment Advisory Professional at Triton.

Some of the international legal entities of the company will initiate the renaming process to Keenfinity after July 1st, 2025. This is a change in name only, not affecting ownership or operations in the respective country.

Keenfinity

Pro AV Solutions Recognised as One of Australia's Best Places to Work

AUSTRALIA: Pro AV Solutions has been officially recognised as one of Australia's Best Places to Work in 2025, securing a top position in the Medium Organisation category. The annual list, published by The Australian in partnership with WorkL, celebrates organisations that excel in employee engagement, workplace culture, and leadership.

The recognition is based on a rigorous evaluation process, including employee feedback and assessments of workplace practices. Pro AV Solutions stood out for its strong values, collaborative culture, and commitment to creating a workplace where people feel safe, fulfilled, and inspired.

"We're incredibly proud to be named one of Australia's Best Places to Work," said Kylee Naglost, Co-CEO of Pro AV Solutions. "This recognition is about our people. It reflects the trust we've built together, the care we show each other, and the shared purpose that drives how we work, every day. It's something we've built over time, across every team and every location."

Pro AV Solutions' approach to employee engagement includes a focus on autonomy, ownership, and connection across its national footprint. With teams working across multiple states, the company prioritises culture, wellbeing, and development, creating a workplace that reflects the same reliability and care it brings to clients.

The Best Places to Work rankings were announced by The Australian on July 17, 2025, following a comprehensive evaluation by WorkL.

Pro AV Solutions

Nexo Delivers Smiles for 'Ashita Hiroba' in the Yoshimoto Waraii Myraii Pavilion At Expo 2025
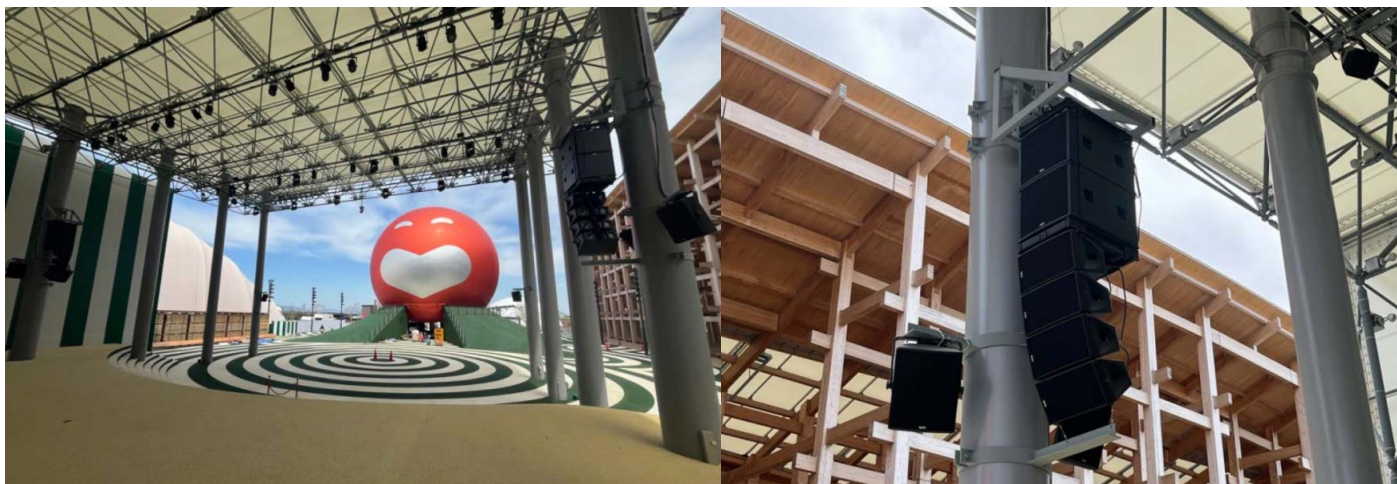
JAPAN: Expected to welcome more than 20,000 visitors daily until mid-October, World Expo 2025 opened in Osaka on April 13th with 160 countries showcasing their cultures, crafts, technologies and visions of the future in a series of exhibits.

In addition to more than 250 of its speakers installed in a spectacular visitor experience at the France Pavilion, GEO M10 and P12 systems from French sound innovators NEXO are also installed at 'Ashita Hiroba' in the Osaka-based Yoshimoto Kogyo Holdings Co., Ltd.'s "Yoshimoto waraii myraii pavilion," one of thirteen exhibits by private companies and organisations at the Expo.

Comprising the smiling sphere 'Tamar' and the event space 'Ashita Hiroba', the Pavilion hosts a variety of laughter-themed events daily with precision, immersive sound central to the visitor experience.

"The main speakers are NEXO GEO M10 with 2/4 facing speakers on each side, and NEXO

P12 speakers are also installed as monitor and delay speakers," reported Yuya Nishikawa of YOSHIMOTO BROAD TECH Co., Ltd, who was responsible for selecting the audio system.

"The amplifiers are NXAMP4x2MK2, and the connections are analogue. At first, we were thinking of using point sources for the main speakers, but since there is a pavilion of another company right next door, we thought it would be better to use speakers that could control the sound, so we decided to install a line array."

"Ashita Hiroba is an event space where visitors can come and go freely to enjoy a variety of events and shows," explained Shiro Yotsufuji, General Manager of YOSHIMOTO BROAD TECH Co., Ltd., who was in charge of planning the audio system.

"We have a wide variety of entertainment on offer, including a variety of comedy shows by entertainers, non-verbal performances that can be enjoyed even without speaking the same

language, and a participatory event called 'Bon Odori no Ashita' which adds karaoke and dance arrangements to the traditional Japanese art of Bon Odori. We also use a smile detection tool to measure how many smiles visitors have gathered."

"I've been using NEXO speakers for a long time, and I've demoed the GEO M10 a few times, and I was really impressed," said Nishikawa, taking up the story.

"We do a lot of comedy, and I think these speakers make the human voice sound clear. They work well with the standard coverage, and they also provide solid off-mic amplification. We used them in the semi-finals of the 2022 M1

Grand Prix, and the words were really clear, and it seemed like the audience was laughing more than usual!"

"Another big factor was that they fit the budget for this Expo."

Commenting on behalf of MITOMO Co., Ltd, Director Yoichi Tatsumi concluded: "Normally, we would get quotes from two or three companies for this kind of project, but this time we decided on the GEO M10 from the beginning. Yoshimoto fully understood that the GEO M10 was the line array with the best performance within the budget."

NEXO

Lukas von Arx Appointed CEO of Neutrik Group

GLOBAL: The Neutrik Group is pleased to announce the appointment of Lukas von Arx as its new Chief Executive Officer. He has officially taken on the leadership of the globally active company, headquartered in Liechtenstein.

Lukas von Arx brings a wealth of international experience and leadership expertise in the cable and connectivity industry. Following his commercial apprenticeship at Studer Draht- und Kabelwerke AG, he completed a degree in Business Informatics, a Master's in Accounting & Finance, and a PhD in Economics & Finance. His career has included roles at Ernst & Young, LEONI, and most recently BizLink.

At LEONI, von Arx was, among other responsibilities, in charge of establishing a new production facility in India and later led the company's Canadian operations. He joined BizLink in 2022 as President & Managing Director of BizLink elocab Ltd. in Canada and took over global responsibility in 2023 for the Tailor-Made Business Unit, overseeing nine sites and approximately 1,000 employees. "I'm inspired by Neutrik's spirit of innovation and its outstanding product quality," said von Arx. "The company holds tremendous potential in both established and emerging markets. I look forward to shaping its future together with the team."

Von Arx believes that "inspiration is born when people think boldly, communicate openly, and trust one another." Transparency, reliability, and shared responsibility are the cornerstones of his leadership approach.

With Lukas von Arx, the Neutrik Group gains a forward-looking executive who combines international expertise with strategic foresight and a passion for innovation. Together with the global team, he will continue to drive the company's success story and set the course for long-term, sustainable growth.

Neutrik Group

L-Acoustics Advances Audio Industry Sustainability with MagREEsource

@Franck Ardito.

GLOBAL: L-Acoustics has made a strategic investment in French-based MagREEsource. It has also established exclusive partner rights in the professional audio industry for sustainable and sovereign, European-based rare earth magnets critical to loudspeaker manufacturing.

This forward-looking partnership introduces a breakthrough circular economy model for the professional audio industry through innovative magnet recycling and manufacturing technology. By investing in MagREEsource, L-Acoustics is supporting a start-up partner that will allow the loudspeaker manufacturer to significantly reduce its environmental footprint while diversifying its supply sources for neodymium magnets essential to loudspeaker manufacturing. This strategic move demonstrates L-Acoustics' commitment to environmental stewardship while enhancing supply chain resilience.

For L-Acoustics, this collaboration represents a transformative approach to sustainable manufacturing in the audio industry. The proprietary recycling technology of MagREEsource enables 100% recovery of neodymium magnets from various sources, including loudspeakers, electric vehicle engines, and wind turbine generators, transforming them into high-performance magnets made with 100% recycled material. This circular process drastically reduces the environmental impact compared to traditional magnet production methods.

"The strategic investment and partnership with MagREEsource represent a significant advancement in our sustainability journey," said Hervé Guillaume, CEO at L-Acoustics Group. "By securing exclusive access to this revolutionary technology for the professional audio sector, we are not only reducing our environmental footprint but also strengthening our supply chain resilience and delivering on our commitment to responsible innovation. We're proud to support a promising startup whose breakthrough technology has the potential to transform sustainability practices across multiple industries."

"This partnership with L-Acoustics represents a pivotal moment for MagREEsource," said Erick Petit, President and Co-founder of MagREEsource. "Their strategic investment provides crucial resources that will accelerate our growth and technology development. This collaboration with a global industry leader validates our approach and opens potential opportunities for innovation in the professional audio sector. Together, with our circular 'magnet-to-magnet' model, we're creating a sustainable and sovereign supply chain for rare earth magnets that addresses critical

environmental and resource challenges while demonstrating how established companies and disruptive startups can partner to drive innovation with the process and to the final loudspeaker design and conception."

The environmental benefits of this partnership are substantial. A recycled magnet from MagREEsource produces 91% less carbon dioxide than traditionally manufactured magnets from newly extracted materials—just 6 kg of CO_2 compared to 67.6 kg for conventional manufactured magnets. Additionally, the recycling process uses 86% less water, saving approximately 1,187 litres per kilogram of magnet produced.

The new partnership opens possibilities for future recycling initiatives within L-Acoustics' ecosystem. Potential opportunities include exploring end-of-life magnet collection hubs and integration of new designs using recycled magnetic materials in future product development. These forward-looking approaches align with L-Acoustics' sustainability vision and could contribute to reducing industry dependence on newly extracted rare earth elements.

The current pilot facility of MagREEsource in Noyarey, France, can process 80 tons of magnets annually, with plans to expand to a full-scale MagFactory by 2028 capable of producing 1,000 tons per year. This innovative approach has garnered significant support from European institutions, and their future MagFactory project was awarded last month "European Strategic Project under Critical Raw Materials Act."

L-Acoustics

Biamp Elevates Audio Clarity in Acoustically Challenging Perth Police Station

AUSTRALIA: Biamp has successfully deployed its Tesira digital signal processing platform at a major urban police station in Perth, Australia. Installed by AV integrator Integrate Perth, the Tesira system addresses severe acoustical challenges in the station's custodial desk area and holding cells, spaces dominated by reverberating surfaces including concrete, glass, and steel.

The installation includes Tesira SERVER-IO processors, a TesiraFORTÉ AVB VT audio server, EX-MOD modular expanders, and TEC-1i wall-mounted controllers. Together, these components form a high-performance audio infrastructure that ensures critical conversations and events are captured with clarity, even in environments plagued by harsh reverberation and background noise.

"In our initial tests, we simply ran some CCTV footage with associated audio through Tesira AEC processing and had a listen on a little powered speaker. Our jaws dropped," said Andrew Anderson-King, Sales Director at Integrate Perth. "Environmental noise, such as holding cell doors slamming or yelling in the background, along with the harsh reverberation of the space, had all but disappeared. What resulted were intelligible spoken words. We instantly knew we were onto something."

With approximately 100 microphones in place across the facility, the audio enhancement dramatically improves the usefulness of high-resolution CCTV footage, delivering a powerful tool for investigations, officer safety, and staff development.

"It's a big leap forward. The Tesira AEC improves everyone's safety and is now useful for staff training," added Anderson-King. "I can see other applications where mission-critical audio is important, but the acoustic conditions are hostile. For example, Customs and the Border Force could benefit, as could warehousing, and the Port Authority. They could all benefit from Tesira AEC cleaning up recorded speech."

"In high-pressure environments like police stations, reliable audio isn't just a convenience—it's essential," said Joe Andrulis, Executive Vice President of Corporate Development,

Biamp. "By deploying Tesira, the Perth facility has turned a once challenging space into one where every word can be heard clearly and preserved accurately. It's a powerful example of how technology can directly support safety, accountability, and operational excellence."

The successful installation reinforces the Biamp commitment to delivering intelligent, adaptable AV solutions for mission-critical government environments.

Biamp

ClearOne Appoints Jim Mergens as Interim VP of Worldwide Sales

GLOBAL: ClearOne has announced Jim Mergens as its Interim Vice President of Worldwide Sales for Europe, the Middle East, Africa, India, Australia, New Zealand, and the SAARC countries.

Jim currently serves as Vice President of Sales for the Americas and brings more than 22 years of experience with ClearOne. His in-depth knowledge of the business and proven leadership capabilities make him well-equipped to ensure a smooth transition and provide dedicated support to partners in these regions. He will oversee all pre- and post-sales matters to maintain continuity and strengthen collaboration between ClearOne and its partners.

A results-oriented sales leader, Jim has a strong record of driving revenue and profit growth. His passion for the A/V industry and consistent delivery beyond client expectations have earned him a reputation for excellence. Known for his relationship-driven approach, he fosters long-term partnerships built on trust, flexibility, and a commitment to delivering value. His expertise and strong communication skills support effective teamwork and impactful results.

ClearOne is confident that Jim's leadership will be a valuable asset during this interim period. Partners are encouraged to reach out to him for any support or assistance needed.

ClearOne

QSC Launches Q-SYS India Experience Center

NDIA: QSC India Private Limited has proudly announced the grand opening of its **Q-SYS Experience** in Bangalore. The centre offers customers and partners an opportunity to gain firsthand experience with Q-SYS solutions across a variety of real-world applications and is poised to demonstrate how Q-SYS can simplify even the most complex AV requirements through thoughtful design and seamless integration.

Situated in Bagmane Solarium City, Brookfield, the 25,000 sq. ft centre serves as a hub of innovation for consultants, system integrators, and customers to co-create and test solutions. It embodies the commitment Q-SYS has to providing personalised, intuitive, and engaging AV experiences through the full stack AV platform, and visitors are invited to engage directly with the latest advancements in Q-SYS audio, video, and control technology.

"The inauguration of the Q-SYS India Experience Center marks a defining moment in our journey of uniting innovation and immersion," noted Rajesh Mittal, Vice President and Managing Director, India & SAARC, QSC. "This space isn't just about showcasing technology, it's about empowering our partners and customers to shape the future of connected AV experiences, right here in the heart of India."

The Experience Center also includes a Q-SYS training facility that will feature engaging, practical training sessions led by Q-SYS technical experts. In this dedicated space, trainees will have the opportunity to further deepen their understanding of the Q-SYS full stack AV Platform with the award-winning training curriculum.

Contact them at **india.sales@qsc.com** to schedule a tour of the India Experience Center.

QSC India Private Limited

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Varun Mahesh Jagger Steps into New Role at Powersoft

GLOBAL: Powersoft has announced the promotion of **Varun Mahesh Jagger to the newly created role of regional manager (distribution) for the EMEIA region**.

Jagger joined Powersoft in 2018 and had served as the Italian company's sales manager for EMEIA (Europe, the Middle East, India and Africa) since 2021, where he played a pivotal role in growing Powersoft's presence across the region. In his new position, he will be responsible for overseeing Powersoft's EMEIA distribution network and directly managing area sales managers Cosimo Cecchi and Simone Scaramuzza. He will continue to report to Powersoft's global sales manager (distribution), Fabrizio Romano Bolzoni.

In his new role, Jagger takes on a broader strategic remit for the region, explaining that he sees the promotion as an opportunity to optimise Powersoft's regional distribution strategy, expand into new verticals, and scale the sales team in line with local growth potential.

"Powersoft is already seen as an innovative leader for amplifiers across the world. But the perception of the brand, and the knowledge of our products, is not uniform across markets and verticals," he said. "Over the mid- to long-term, I aim to streamline the distribution network to leverage us for growth across verticals and markets – preparing the sales team for better growth in the region and supporting our distributors and partners to translate Powersoft's global vision at a local level."

Jagger also expressed his gratitude for the support of Powersoft's leadership team and his sales colleagues. "Fabrizio and [sales director] Luca Giorgi are both leaders who lead from the front, and I am thankful to them [for] laying a strong foundation for me on which to grow," he commented. "They have constantly helped push the envelope, and will continue to do so.

"Simone and Cosimo are wonderful people, great team players and excellent sales managers with deep knowledge of their markets. I will also be learning from their experience in each market. In the end, it is a team effort – and without Simone and Cosimo, there is no team."

Welcoming Jagger to his new role, Bolzoni added: "This organisational change reflects our continued commitment to strengthening our presence in key markets and enhancing the support we provide to our distribution partners. With his experience and dedication, we are confident that Varun will play a crucial role in helping our distribution partners grow their businesses while further developing Powersoft's brand in these strategically important territories."

"I look forward to implementing new ideas, building efficiencies and working closely with our partners to deliver sustainable growth across the entire EMEIA region," concluded Jagger.

Powersoft

German Company to Acquire Christie Pandoras Box Product Line

From left: Daniel Schäfer, Andre Maier, and Daniel Kaminski will acquire the Pandoras Box product line

GLOBAL: Christie Digital Systems Germany GmbH has entered into a letter of intent to negotiate a binding agreement for the sale of its Pandoras Box product line, which includes media servers, software, accessories as well as Widget Designer and AirScan, to Daniel Schäfer, one of the Founders of coolux, Consultant Daniel Kaminski, and long-time user Andre Maier.

The transaction will allow the three individuals, who have an extensive understanding of the product line and the market, to continue to grow the award-winning Pandoras Box real-time rendering engine and control system solution. Both companies are enthusiastic about the potential of this acquisition and are working toward finalising a purchase agreement.

"Our passion for Pandoras Box runs deep – more than 50 years combined. As a team, we bring knowledge and experience as end users, customers, consultants, and in technical operations. We're eager to explore and expand its capabilities, providing the best real-time rendering engine and control system on the market for our customers," said Schäfer.

Michael Phipps, President and COO of Christie, added, "Pandoras Box users worldwide will benefit greatly from these three individuals' ingenuity and expertise in software and hardware design and operations. I'm pleased with our strategic decision to sell the product line to this dedicated team."

This impending purchase agreement will allow Christie to streamline and re-focus on its core strengths, driving innovation and growth in its primary markets. Pandoras Box customers can continue to contact customer service at **support.pandorasbox@christiedigital.com**

Christie

Absolute AV Has You Covered

SINGAPORE: System integrators, AV consultants, and selected end-users gathered at the Equarius Hotel in Sentosa for Absolute AV Pte Ltd's event titled "Experience the Future of AV Excellence and Seamless Integration." Held in two sessions—morning and afternoon—the event featured keynote presentations and a hands-on technology showcase from prominent brands, including Panasonic, WyreStorm, AUO Display Plus, Avocor, and EnGenius. With integrated solutions on display, attendees experienced firsthand how these technologies work seamlessly together in real-world scenarios.

Centred around the theme "We've Got You Covered," Absolute AV Director Harry Tan emphasised the event's goal: to demonstrate how robust and reliable alternative AV solutions can be effectively integrated. "The brands and solutions we're featuring offer exceptional value and interoperability within an installation ecosystem," he shared.

Emceed by Robert Soo of Cogent Acoustics, the event opened with a presentation from Tan Tiong Leng of **Panasonic** He introduced Panasonic Projector & Display's newly launched sub-brand **MEVIX** aimed at revolutionising the media and entertainment landscape with cutting-edge visual innovations. Following a brief teaser of the PT-RQ45K 3-chip DLP 4K projector, the company's first 40,000-lumen offering, the advanced imaging capabilities of the PT-REQ15 Series 1-chip DLP 4K projector—also on display—were shared.

The second speaker, Luca Bordjoski from **WyreStorm** took the stage to share the company's journey, highlighting its award-winning products and diverse vertical market solutions, ranging from Hospitality and Corporate to Education and Government.

Luca emphasised WyreStorm's pioneering role in AVoIP with its NetworkHD technology, which has been at the forefront since 2014. Their

WyresStorm's Luca Bordjoski presenting to the audience.

current models support SDVoE, Dante AV-A, and NDI, delivering scalability and IP flexibility. He then introduced the MX-1007-HYB Presentation Matrix Switcher, designed specifically for hybrid education. This solution enables interactive learning environments by connecting auditoriums to multiple classrooms, thanks to its built-in NHD-500 input and output capabilities.

Next, Luca presented the SW-640L-TX-W Wireless Conference System, which integrates a wireless dongle, video bar, and in-desk solutions for seamless collaboration. He also highlighted to the audience to visit the showcase area where WyreStorm demonstrated their new SW-0402-BRG Camera Switcher.

Luca concluded by introducing Sygma, WyreStorm's cloud-based device management platform that supports remote configuration, monitoring, and troubleshooting through a user-friendly web interface.

EnGenius less familiar to many in the room, was introduced by Nancy Bang. She detailed the company's 25-year legacy in data and IT, with a strong presence across the US, Canada, Europe, Asia, and the Middle East. EnGenius offers a compelling alternative in the AV networking space with its secure, cloud-managed switches. "Our intelligent platform allows for hassle-free deployment, real-time analytics, and rapid troubleshooting to ensure network reliability," she explained.

PH Lin from **AUO Display Plus** highlighted how AUO Display Plus's advanced digital signage solutions enable targeted messaging in the increasingly dynamic DOOH (Digital Out-Of-Home) space. He also introduced AUO Display Plus's Ad/Media Exchange Platform, which aims to create a seamless bridge between brands, agencies, and media owners – paving the way for a smarter, AI-powered integrated DOOH ecosystem.

The final presentation was given by Jody Thomas of **Avocor** now under AUO Display Plus following its acquisition in late 2024. Jody spoke about the booming Unified Communications (UC) and collaboration display market driven by the hybrid work model. He emphasised Avocor's platform-agnostic solutions, which support leading UC platforms including Zoom, Microsoft Teams, Google Meet, Logitech, Jabra, and more. The company's E, H, L, S, and K series displays cater to both interactive and non-interactive requirements, offering flexible options for any meeting or learning environment.

The event left a lasting impression on attendees, allowing them to see, touch, and experience the latest innovations in AV—and to engage directly with the experts behind the technology. It was a powerful demonstration of how thoughtful integration and alternative AV solutions can unlock new possibilities.

Absolute AV

TPQI Awards Inaugural Certifications to Pioneer Cohort of Specialists at InfocommAsia 2025

Recipients of the TPQI certificate

THAILAND: The Thailand Professional Qualification Institute (TPQI) celebrated a landmark achievement in the nation's professional skills development at InfocommAsia 2025, held at the Queen Sirikit National Convention Center (QSNCC).

In a dedicated ceremony, TPQI officially awarded its inaugural certifications to the First Cohort of Professional Live Sound Specialists, setting a new benchmark for technical excellence in Thailand's thriving entertainment and events sector.

This pioneering group of professionals completed TPQI's rigorous skills assessment against the National Professional Qualification Standard for Professional Live Sound. Their certification signifies mastery of critical competencies – from sound engineering and system optimisation to live event management – validated by Thailand Professional Qualification Institute.

A Defining Moment for Industry Standards

"Today isn't just an award ceremony; it's the culmination of a mission to elevate Thailand's professional capabilities globally," stated Jullada Meejul, Director General of TPQI, during the ceremony. "These pioneers have proven their expertise against Thailand's most stringent technical benchmarks. As our first TPQI-

(L-R) Toemyot Dechsupa, .Pumi Nithipasakorn, Payong Nithipasakorn, Ratanaphon Uthairangsi, and Daniel Choo.

certified Live Sound Specialists, they carry the responsibility to lead by example, driving quality, safety, and innovation across every stage and venue in our nation. This is a transformative step for Thailand's creative economy."

The certification directly addresses industry demand for standardised, verifiable skills in Thailand's rapidly growing live events market. TPQI developed the qualification in close collaboration with leading AV companies, event producers, and technical educators, ensuring alignment with real-world demands and international best practices.

Strategic Showcase at InfocommAsia 2025

Holding the ceremony at InfocommAsia 2025 – Asia's premier audiovisual and systems integration technology exhibition – underscores TPQI's commitment to integrating Thailand into global value chains.

Infocomm Asia provided the perfect international platform to launch this certification. TPQI's standards give

professionals in Thailand a competitive edge and assure international clients of world-class quality. This cohort sets a precedent for the entire region.

The Road Ahead: Building a Certified Workforce TPQI confirms this inaugural cohort is the foundation of a broader strategy. The institute plans rapid expansion of certifications across adjacent AV/Event Technology specialisations, reinforcing Thailand's position as a regional hub for skilled technical professionals.

Recognition & Impact:

• For Professionals: TPQI Certification enhances employability, earning potential, and industry mobility.
• For Employers: Guarantees verified skills, reduces training costs, and mitigates operational risks.
• For Thailand: Strengthens the "Thailand Brand" in creative and entertainment industries and supports national economic development goals.

Thailand Professional Qualification Institute

Kramer Unveils All-in-One Pro Matrix for Seamless Video Processing and Switching

Kramer, is excited to announce the 'landmark' launch of its new MTX3-88-PR-PRO all-in-one matrix, bringing unrivalled high-performance video processing and scaler-based clean switching capabilities to a variety of settings, including corporate, educational, government and more.

Soft-launched during InfoComm 2025, Kramer now confirms the new single-box all-in-one solution will be available to its growing base of partners and customers located in India and Asia.

Solidifying Kramer's globally recognised position as one of the AV industry's leading innovator for flexible, robust, and streamlined solutions for collaboration and meeting spaces, the MTX3-88-PR-PRO is part of Kramer's broader Series 3 audio visual signal management (AVSM) portfolio, offering professionals a complete and integrated solution for diverse audio and visual needs.

Seamless installations and experiences
The All-in-One Pro Matrix has been designed for greater rack efficiency, reducing installation complexity, with minimal cabling and fewer potential points of failure. The solution is ideal for sharing local and remote content via a range of innovative features.

Offering near-latency-free scaler-based clean switching (< 1 second), the MTX3-88-PR-

PRO enhances presentation experiences with clean and instantaneous content routing for uninterrupted transitions in presentations and remote displays. The system's powerful multi-view and video-wall capabilities allow content delivery from multiple sources on individual displays with custom layouts on-the-fly or via configurable presets.

The system simplifies BYOD connectivity – especially valuable in education – with dual USB device groups that enable seamless connection of DP Alt Mode-capable USB-C devices as AV and USB host sources, supporting both local and extended USB host/device configurations.

A rich set of Dante audio interfaces for mixing and processing by the integrated DSP provides clear sound distribution, with additional features including a multi-zone amplifier, built-in IP-based control capabilities and AV streaming and recording with enterprise-grade IT-networking and security.

Versatile connectivity is at the core of the system's design, which includes:

• Eight USB-C, HDMI and air-casting inputs, along with two optional USB-C ports on the first two inputs that support multi-stream transport (MST).

• Eight interchangeable HDBaseT 3.0 input or output ports.

• Eight HDMI outputs.

• H.264/265 streaming output.

Kramer's Series 3 AVSM portfolio exemplifies Kramer's commitment to delivering high-performance tools that meet the exact specifications of modern AV infrastructures. From small-scale meeting rooms to large, complex installations, the AVSM solutions offer flexibility, reliability and ease of integration, empowering professionals across industries to optimize their AV setups with unmatched operational efficiency. The MTX3-88-PR-PRO, as part of Series 3, is fully compatible with the entire Series 3 range. Through HDBT3.0, it can connect to Kramer's extensive EXT3 & SWT3 offering, to allow a full Kramer AVSM solution – with no need for 3rd party integrations.

Dorit Bitter, EVP Product & Technology at Kramer, commented: "A landmark product, the MTX3-88-PR-PRO offers a high-performing all-in-one solution for meeting rooms and other presentation spaces of all sizes and levels of complexity.

"It's a big world, and we're making it smaller every day through robust, reliable technology that can handle the most intricate installations while being simple to operate for every participant."

Kramer

MTX3-88-PR-PRO

NEXT-proaudio Unveils LAs118A PLUS

NEXT-proaudio has launched the LAs118A PLUS, the latest evolution of its active front-loaded subwoofer series. Building on the legacy of the LAs118A, this new model delivers enhanced performance, increased versatility, and full integration with the powerful X-NET control platform.

At the heart of the LAs118A PLUS is a newly developed, ultra-efficient network-capable Class D amplifier module, offering peak output performance and exceptional thermal stability. The onboard 96kHz DSP, seamlessly managed via X-NET Software, provides real-time control and monitoring across multiple units in complex environments. Through the intuitive X-NET interface, users can adjust EQ, level, phase, delay, and create unlimited control groups, all with automatic network discovery and signal redundancy between analogue and digital (AES or Dante) inputs.

Designed for maximum flexibility, the LAs118A PLUS can be flown alongside LA210x or SP12 loudspeakers, or used in independent subwoofer clusters. When deployed in ground stack configurations, the integrated M20 pole mount allows effortless pairing with SP12 for high-performance full-range systems. The updated enclosure features enhanced mechanical fittings, a redesigned handle system, lock-pin safety system, and a dedicated transport dolly, ensuring both robustness and operational efficiency on the road or in permanent installs.

Internally, the LAs118A PLUS houses a premium 18" neodymium B&C long-excursion woofer, engineered for tight low-end response and consistent output under demanding conditions. Combined with the advanced DSP architecture and FIR filtering, the result is precision low-frequency reproduction with optimal phase alignment and tonal accuracy.

Whether integrated in line-array setups, corporate AV systems, fixed installations, or touring rigs, the LAs118A PLUS sets a new standard in subwoofer technology, offering greater control, improved reliability, and unmatched sonic performance.

NEXT-proaudio/LAs118A PLUS

Ashton Bentley by Kramer Approved for Express Install for Microsoft Teams Rooms

Bringing enhanced productivity and ease of use to small-to-medium collaboration spaces, Ashton Bentley Display Mounting Systems from Kramer are now approved by Microsoft for deployment of Express Install for Microsoft Teams Rooms.

This approval ensures that Ashton Bentley products meet Microsoft's high standards for enabling fast meeting room completion. As a result, channel partners can now bundle the display mounts with certified displays and Microsoft Teams Rooms hardware. Ashton Bentley also offers optional AB USB-C connectivity technology as well as meeting room tables for complete room solutions as required.

The Ashton Bentley range of flexible display mounting solutions enables quick and easy installation of Teams Rooms to deliver a full experience for small and medium-sized meeting rooms. With no custom room modifications required, users can get new Teams Rooms up and running quickly, inexpensively and at scale.

Ashton Bentley's solution is built on three building blocks that simplify AV system design and deployment to create an efficient and engaging environment for productive collaboration. This includes AV technology for room connectivity that facilitates easy connections between devices, the integration of Display Mounts that provide a secure, stylish yet simple way to deploy displays and AV-enabled collaboration tables that enhance the space's aesthetic while concealing the AV technology and reducing cable clutter.

Express Install for Teams Rooms provides a streamlined installation option designed to deliver enhanced meeting experiences to small-to-medium-sized rooms. These systems can be installed by one person in as little as an hour.

Kramer/Ashton Bentley Display Mounting Systems

Martin Audio Announces BlacklineQ Series: Intelligence in Every Application

For over 25 years, Martin Audio's Blackline Series has set the global benchmark for affordable professional loudspeakers—renowned for their exceptional sound quality and reliability at an accessible price point.

BlacklineQ provides a comprehensive reimagining of this iconic series. The nine-strong product range comprises improved passive two-way point source loudspeakers, all-new column speakers and a suite of subwoofers. The entire series features intelligent design details, making it equally at home in portable or install applications, such as portable sound reinforcement for live sound, theatre, DJs and corporate events; unobtrusive stage monitoring; and permanent installation in clubs, hospitality venues, conference rooms and houses of worship.

In sync with Martin Audio's design philosophy, BlacklineQ extolls the virtue of meticulous driver design to deliver improved coverage, consistency and control. For the first time in its class, both full-range two-way point source systems and column speakers feature Differential Dispersion horns, which enable wider, more consistent coverage with less energy directed to the ceiling.

For the four point source speakers (designated Q8, Q10, Q12 and Q15), each symmetrical, multi-angle full-range passive wooden enclosure can be easily deployed in horizontal or vertical deployment, with comprehensive mounting options—including wall brackets, yokes, eyebolt suspension and pole-mounts. A pole-mount cover provides a clean, streamlined appearance when the mount is not in use. BlacklineQ also marks Martin Audio's debut in column speaker design with the two-way passive QC44 and QC26 offering elegant, discreet solutions for both portable and fixed use, and perfectly suited to speech and musical content. Finished with hard wearing black or white paint, and complemented by comprehensive mounting options, these new column speakers will substantially increase the available applications on offer to the Martin Audio line-up.

Finally, BlacklineQ includes a trio of passive subwoofers, comprising the Q210 (2x10"), Q118 (1x18") and Q218 (2x18"), which extend low-frequency performance across the series. The enclosures are constructed from durable

plywood and feature slot ports for efficiency in design while reducing noise turbulence. Each enclosure includes an M20 35mm (1.4") pole-mount fitting for seamless integration with all loudspeakers in the series. In addition, the link out socket is positioned at the top of the cabinet, providing a convenient and discreet solution for connecting the cable for a BlacklineQ loudspeaker on a pole. Finished in hard wearing black paint as standard, the Q210

is also available in white to match the white BlacklineQ column loudspeakers.

Dom Harter, Managing Director, commented, "BlacklineQ is our most ambitious series in Blackline's storied history, and with the introduction of both Differential Dispersion technology and column speakers it's destined to be our most successful."

Martin Audio

K-array Integrates NDI Across Kommander Amplifier Line

Italian audio innovator **K-array** has introduced native support for the **Network Device Interface (NDI)** protocol across its entire Kommander amplifier range, positioning itself as the first professional audio brand to embed NDI directly into its amplifiers. Delivered via a free software update, the integration marks a significant leap forward in audio-over-IP (AVoIP) technology, enabling bidirectional workflows without the need for external hardware, licences or gateways.

NDI is an IP-based, low-latency protocol capable of transmitting synchronised audio, video, and metadata over standard networks. While it has gained widespread traction in video broadcast and live production environments, K-array's adoption brings NDI squarely into the audio

domain — a move that highlights the protocol's growing versatility and the brand's commitment to software-defined AV infrastructure.

"Bringing NDI into our amplifiers, at no cost to the user, demonstrates how our software-defined architecture is ready to embrace every evolution of AVoIP," said Alessandro Tatini, CEO of K-array. "It's a concrete example of how innovation drives real-world value for our customers."

The implementation runs on K-array's Linux-based Oskar OS and is available as a free firmware update, instantly enabling thousands of Kommander amplifiers already in the field to become NDI-capable. The manufacturer emphasises that the move not only futureproofs existing installations but also delivers enhanced value by eliminating any need for additional infrastructure.

"This integration showcases K-array's ability to generate software value around its core business of amplification and offer our clients a competitive difference," added Tatini.

Extron New Compact 4K/60 Seamless Scaling Switchers with Built-in DTP3 Signal Extension

Extron has announced that the DTP3 IN2004 Series is now available. These four-input scalers enhance presentations with professional-level video and audio performance. The family consists of three models:

- DTP3 IN2004 DI/DO - with HDMI and DTP3 inputs and outputs
- DTP3 IN2004 DO - with HDMI inputs and HDMI and DTP3 outputs
- IN2004 - all HDMI inputs and outputs

Combining industry-leading video and audio processing, signal extension, and networked control, the DTP3 IN2004 Series of seamless scaling switchers are ideal for boardrooms, collaboration spaces, lecture halls, and other professional AV presentation venues. They feature Extron Vector 4K scaling technology which provides advanced video processing for the most demanding applications. Selectable scaled output rates range from 640x480 to 4K/60 at 4:4:4 colour sampling. They are HDCP 2.3-compliant and loaded with professional

capabilities, such as logo image keying and display, auto-switching between inputs, and selectable seamless switching transitions. Audio DSP functions such as mixing, ducking, and filtering are easily accessible to enhance sound quality. Other capabilities include built-in CEC commands and stereo audio embedding and de-embedding. For added flexibility, HDR, ultra-widescreen, high frame rate and 3D video signals are all supported in scaler bypass mode.

The DTP3 IN2004 Series incorporates multiple Extron technologies to streamline integration and enhance operation. The Vector 4K engine embodies a complete set of image processing algorithms that ensure uncompromising upscaling and downscaling performance. Transmission over Extron DTP3 ensures optimal signal integrity, regardless of the resolution. For professional-quality transitions between sources, the scalers offer a range of fade and cut switching effects. In addition, a custom graphic image can be inserted onto the video output. Selectable FILL and FOLLOW modes are available to set the desired video aspect ratio. FILL mode provides full screen output, while FOLLOW mode preserves the original signal's aspect ratio. These features and capabilities are just a few of what the DTP3 IN2004 Series delivers in professional presentation environments.

For more information on the DTP3 IN2004 Series, click **HERE.**

Crown Introduces ComTech D Series Power Sharing Amplifiers with DSP and Dante

HARMAN Professional Solutions, Crown ComTechD Series launched in June 2025, is a new line of power sharing amplifiers designed to meet the changing demands of diverse, installed audio applications. With Dante inputs and outputs, built-in DSP, Lo-Z/Hi-Z switching, and a simple to use web configuration interface, the ComTech D Series sets the benchmark for intelligent performance in compact, installation-friendly designs.

Available in 2-, 4-, and 8-channel configurations, each model can deliver 125W per channel of legendary Crown amplification when all channels are driven equally. Power sharing enables individual output channels to scale up or down in power, distributing the total output power of the amplifier to meet the needs of the attached speakers for unparalleled flexibility.

Built-in DSP allows outputs to be tuned specifically for every application and provides the ability to create custom speaker tunings. Factory JBL SpeakerTunings for select JBL models, including Control 400 Series ceiling speakers, are included to simplify the optimization of an all-HARMAN solution. ComTech D amplifiers include a suite of monitoring tools including a source priority mixer, input pilot tone monitoring, and output load monitoring to help maintain line integrity. The GPO provides a dedicated contact closure to monitor these tools as well as amplifier health and power status.

Configuration is seamless using the intuitive web interface with any computer or tablet and without the need to install proprietary software. HARMAN's AVX Manager enables even large installations to be managed and monitored from a single interface. Additionally, ComTech D models use HARMAN's HControl protocol to communicate natively with BSS OMNI Processors or AMX MUSE Automation Controllers and include an easy-to-use API for integration with 3rd-party control systems.

Additionally, multiple GPI ports are included to provide volume control, mute functions, source selection, and more with accessory user interfaces such as the BSS Contrio AC-V or AC-5S controller. The 2- and 4-channel models are compact 1RU, ½ rack width devices with flexible mounting options, while the 8-channel model requires only 1RU of space.

Designed for venues such as restaurants, retail spaces, and corporate meeting rooms or for segments of larger multizone applications such as casinos, hotels, and resorts, the ComTech D Series combines easy configuration, efficient management, and exceptional adaptability.

In-Ceiling Speakers: The Quiet Force Behind Smart, Seamless Soundscapes

Precision-engineered in-ceiling speakers combine powerful performance with sleek, discreet design

In-ceiling speakers provide discreet audio solutions that blend seamlessly with interior design. This photo, taken in a hotel setting, illustrates their unobtrusive presence and complements the article's focus—without representing any specific brand.

Once regarded as background sound solutions for modest commercial settings, in-ceiling speakers have evolved into precision-engineered components central to today's sophisticated AV ecosystems. As design-conscious spaces and smart buildings demand both subtlety and performance, these unobtrusive audio endpoints are rising in relevance. To explore the shifting landscape of in-ceiling loudspeakers—from advancements in technology to future-forward integration—we tapped into the expertise of three industry leaders: **Ashish Barje**, Product Manager for Commercial Loudspeakers at **HARMAN; Justin O'Connor**, Director of Product Management, Performance Systems at **Bose Professional**; and **Daniel Saenz,** Senior Product Manager at **AtlasIED**.

Why In-Ceiling is In Demand

In commercial AV, the ability to blend powerful sound delivery with aesthetic discretion is invaluable. In-ceiling speakers deliver both.

Ashish Barje explains, "They offer broad, even coverage from a discreet position above the listener, making them ideal for spaces where sound quality and design must coexist. With fewer units needed for uniform SPL and coverage, they also drive cost efficiency."

Justin O'Connor agrees: "Aesthetics and distributed sound are the key advantages. They enable scalable, multi-zone installations with minimal visual disruption—ideal for venues looking to energize specific areas without overwhelming others."

Daniel Saenz adds, "Because ceilings are closer to the listener, less acoustic power is needed. Wall-mounted speakers often experience significant sound loss, but in-ceiling speakers deliver clarity and consistency. Our Atlas+Fyne FC Series, for instance, uses IsoFlare point-source technology to ensure high-fidelity, evenly dispersed audio—perfect for luxury settings where ambiance matters."

From Invisible to Intelligent: Evolving Design and Performance

Today's in-ceiling speakers are not just flatter and finer—they're smarter and more robust.

Justin highlights, "We've seen incremental improvements in materials and performance. But with Bose's EdgeMax, we've leapt ahead—combining wide coverage with architectural subtlety, essential in design-sensitive environments like airports and boardrooms."

"Modern systems must adapt to varied acoustic conditions and tight design constraints," says Ashish. "Technologies like JBL's CRBI and RBI enhance phase coherence and pattern control, while blind-mount systems reduce install time."

Daniel notes another crucial shift: installation ease. "We've engineered our Atlas+Fyne series for tool-free installs. That, along with phase-aligned IsoFlare drivers, delivers both superior sound and simplified setup. It's not just about the speaker—it's about the entire deployment experience."

Tailored Sound: Specifying for the Right Space

One size doesn't fit all when it comes to in-ceiling audio. Application-specific tuning is vital.

Daniel emphasizes considering ceiling height, ambient noise, and the acoustic characteristics of the space. "For high-end environments, we also offer low-profile grilles and custom finishes. It's about the total experience."

Justin adds, "Don't just fill the ceiling. Understand the use case—music, speech, or both—and plan accordingly. Speaker size, dispersion pattern, and room acoustics all influence the final result."

"In retail and hospitality, ambiance is key—so wider dispersion and clean aesthetics are top priorities," Ashish explains. "But in corporate or education settings, intelligibility rules. Our JBL DSD design software helps model optimal coverage and performance."

Cracking Complex Spaces: How Integrators Ensure Coverage & Clarity

In large or challenging rooms, success begins with strategic planning.

"Advanced modelling tools help identify dead zones and optimize speaker layout," says Ashish. "At JBL, we use simulation software to ensure uniform coverage in venues from transit hubs to auditoriums."

Justin agrees: "It's about balancing technical modelling with acoustic realities. Coverage overlap, reflection control, and tuning all matter. And tools today allow incredible precision before a single speaker is installed."

Daniel adds, "Speakers can't solve everything—room acoustics play a huge role. But with proper modelling, DSP zoning, and high-quality drivers, integrators can achieve immersive clarity in even the toughest environments."

Recent Breakthroughs in Performance and Deployment

What's new in the ceiling? More than meets the eye—or ear.

Daniel points to the Atlas+Fyne series. "IsoFlare technology enables coaxial time-alignment and full-range fidelity. Combined with weather-resistant components and tool-free clamping, it's a top-tier solution built for ease and endurance."

"Composite LF drivers, titanium tweeters, magnetic grilles—these are now standard," notes Ashish. "Products like our JBL Control 400 Series exemplify this new performance-meets-efficiency balance."

Justin highlights innovation in format: "EdgeMax is a true leap—delivering surface-

Amar Subash, VP & GM, Harman Professional Solutions, APAC, with the control 400 series in-ceiling speaker.

mount power in an in-ceiling form factor. That kind of dual-functionality is rare and hugely valuable."

Design Matters: Aesthetic Integration is Essential

"AV gear must now disappear visually. Custom finishes and edge-mounted solutions like EdgeMax preserve central ceiling space for lighting or sensors—ideal for modern, multi-purpose rooms," states Justin.

Atlas+Fyne series featuring IsoFlare technology.

Bose Professional EdgeMax.

Daniel adds, "We cater to luxury environments with edgeless designs and ultra-discreet grilles. Aesthetics are now as important as audio fidelity, especially in boutique hotels or premium retail."

"Architectural discretion is no longer optional—it's expected," Ashish states. "With magnetic grilles, trim options, and paintable finishes, our speakers are designed to blend, not distract."

The Brain Behind the Sound: In-Ceiling Speakers in Smart Buildings

In smart, networked environments, ceiling speakers play a pivotal role.

Daniel looks to the future: "With IP-based audio and PoE-powered speakers, end points are becoming more connected. Our Atmosphere Cloud platform allows remote monitoring and updates—ensuring consistent performance and minimal downtime."

"These aren't just passive devices any more," says Ashish. "They're integrated endpoints within networked systems—delivering zoned content, remote control, and scalability via HARMAN platforms like Crown, BSS, and AMX."

Justin notes, "In-ceiling speakers are essential to consistent audio in multi-zone systems.

Uniform coverage and zone flexibility make them a backbone of intelligent AV infrastructures."

What's Next: The Future of In-Ceiling Audio

Where is this technology headed? Deeper integration, smarter systems, and sleeker designs.
"We see speakers merging with other ceiling elements—lighting, sensors, even air quality monitors," Ashish forecasts. "As expectations grow, speakers will deliver immersive environmental experiences, not just sound."

Justin sees a future driven by control and precision. "As AV networks advance, speakers will support zone-specific automation, immersive formats, and sustainable power solutions."

Daniel adds, "Interoperability is the future. More IP, more PoE+, more cloud control. And we're leading that with compact, intelligent speakers designed to scale across smart buildings."

Hidden Yet Vital

In-ceiling speakers may be out of sight, but they are no longer out of mind. These silent performers are becoming the smart, strategic choice for AV designers, integrators, and architects alike—delivering high-performance audio while preserving visual integrity. As the commercial AV world evolves toward smarter, more connected spaces, in-ceiling speakers will continue to prove that sometimes the best sound comes from above.

JBL Control 400 Series

Bose Professional EdgeMax

Atlas+Fyne IsoFlare Series

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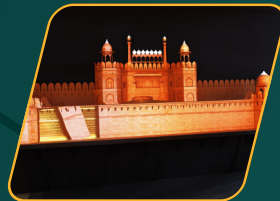
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SUMMIT PROGRAMME

9 SEPTEMBER 2025 | DAY 1

OPENING SESSION
Opening Ceremony & Keynote
10:30 AM – 11:30 AM
• Opening Performance
• Welcome Address
• [Opening Panel] Reimagining Boundaries: The Future of
  Business & Technology in 2030

SUMMIT
Smart Cities
Supported by All India Institute of Local Self Government (AIILSG)

11:00 AM – 2:00 PM
• [Keynote Presentation] AIILSG at 100: A Century of
  Empowering Local Governance
• [Panel Discussion] Enhancing Urban Lifestyles:
  What Can Be Done?
• Dedicated Show Floor Tour

Emerging Trends & AI
12:00 PM – 5:00 PM
- When the Chaiwala Met the Algorithm: AI Trends That Will Shape Tomorrow
- The Future of AI-Driven Digital Signage: Unlocking Context-Aware Experiences
- From AI Hype to Organizational Value: Building an AI-Enabled Organization That Scales
- Future of Cinema: Reimagining Filmmaking Through Artificial Inteligence – Empowerment, Collaboration and Education
- Quantum AI Transforming Pro AV and Smart Cities in the Next Decade
- The Great AI Gap: What Adoption Data Tells Us About the Future of Collaboration
- Role of AI in AV Experiences
- AI Audio Mixing: Using it to Gain Advantage!

Enterprise IT
Supported by Computer Society of India
(Mumbai Chapter)

2:00 PM – 5:00 PM
- Opening Remark
- Address by Chief Guest
  Reimagining the Enterprise Experience with Smart Tech, AI & AV Convergence
- [Panel Discussion] Next-Gen Technologies for Enterprise Growth
- [Panel Discussion] Generative AI for AV Content, Collaboration & Productivity
- Cyber Security Quiz Contest
- Dedicated Show Floor Tour

Immersive Technologies
Supported by Themed Entertainment Association (TEA)
2:00 PM – 4:00 PM

SPECIAL EVENTS
Welcome Networking Reception
5:00 PM – 6:00 PM

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10 SEPTEMBER 2025 | DAY 2

SUMMIT
Digital Signage
10:30 AM – 12:30 PM

Skilling for the Future: Emerging Tech in Higher Education
Supported by ICT Academy
10:30 AM – 12:30 PM
- Welcome Remarks
- [Inaugural Keynote] The Imperative of Emerging Tech in Higher Education
- Redesigning Curriculum for a Future-Ready Graduate
- The New Talent Playbook: What Employers Expect from Tech Graduates
- [Panel Discussion] Beyond the Degree – Building Digital Agility for a Tech-Driven World
- Dedicated Show Floor Tour

Conference & Collaboration
10:30 AM – 12:00 PM
- Integrating AV and Automation: A Fresher's Perspective
- Drive Workplace Engagement with Real-Time Data and AI
- [Panel Discussion] AI & The Future of Workplace Collaboration and Engagement

Broadcast AV
12:00 PM – 1:30 PM
- The Growing Opportunity in Broadcast AV

- [Panel Discussion] AV & Virtual Production: Unlocking New Creative Horizons

Emerging Trends & AI
2:00 PM – 3:00 PM
- How AI and Automation Is Improving Workflows within ProAV
- Disruption in Film & Advertising by AI

Cybersecurity
Supported by Computer Society of India
(Mumbai Chapter)
2:00 PM – 5:15 PM
- Opening Remark
- Address by Guest of Honor:
  Smart Nation 2030: Tech-Enabled Governance, Security & Infrastructure
- [Panel Discussion] Data, Devices & Defense – Building a Cyber- Resilient Infrastructure
- [Panel Discussion] AI, Blockchain, and Quantum – The Emerging Tech Triad
- AI ML Quiz Contest
- Dedicated Show Floor Tour

SPECIAL EVENTS
Regional AV Roundtable & Mixer
4:00 PM – 5:00 PM

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11 SEPTEMBER 2025 | DAY 3

SUMMIT
Audio
10:30 AM – 12:30 PM
- Designing the Perfect Auditorium: Acoustics, Audio, and Audience Experience
- AI is at the heart of Audio

Audio Networking Troubleshooting Workshop
10:30 AM – 12:30 PM

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- Regional AV Roundtable & Mixer

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CHINA

Christie Projectors Bring the Prehistoric to Life at Chaoyang Museum

Interactive visuals, curved screens, and digital artistry bring the prehistoric world to life with Christie laser projection

Christie's **GS Series 1DLP laser projectors** are powering a captivating new upgrade at the Chaoyang Paleontological Museum in Liaoning Province. As part of a major revitalisation project spearheaded by the Chaoyang municipal government, the museum now delivers a mesmerising journey through prehistoric time with striking, interactive displays made possible by 22 Christie DWU880-GS projectors.

Located in the heart of the **Jehol Biota** — a region renowned for some of the most significant fossil discoveries of the 20th century — the Chaoyang Paleontological Museum now stands as a gateway into Earth's distant past. Officially reopened during the May Day holiday after more than seven months of upgrades, the museum unveils an all-new experience where fossil heritage meets advanced visual technology. Christie's trusted

| FACT FILE |
|---|
| **Project Name:** Chaoyang Paleontological Museum |
| **Project Location:** Liaoning Province, China |
| **Project Segment:** Education |
| **Systems Designers and Integrators:** Jianye Display |
| **AV Highlight:** To create motion-responsive prehistoric experiences using high-brightness laser projection and vivid digital storytelling |
| **Key AV Brand:** Christie |

partner **Jianye Display** was responsible for the projection design and systems integration of the projectors spanning six themed zones, transforming the storytelling of prehistoric life into a vivid spectacle of light and motion.

"We are thrilled to bring the ancient prehistoric world to life using the proven performance of the Christie GS Series in the upgraded museum," said Ju Li, Project Manager, Jianye Display. "The exceptional image quality and rock-solid reliability of the GS Series enabled us to craft an immersive and awe-inspiring experience that enthrals visitors of all ages. With Christie's advanced projection technology, we're able to reimagine fossil culture through the lens of modern innovation and storytelling."

April Qin, Senior Sales Director for China, Christie, commented, "We're honoured to contribute to such a meaningful cultural and scientific initiative. The **Christie DWU880-GS projector**, with its outstanding colour reproduction, compact design, and 24/7 reliability, is perfectly suited for museum environments. It's incredibly rewarding to see our technology contributing to such a meaningful project that connects people with the wonders of natural history."

In the museum's main entrance hall, four DWU880-GS laser projectors bring to life the ancient world of the Jehol Biota across a dramatic 22-metre (72-foot) curved screen. Suspended from above, the projectors immerse visitors from their first step, setting the stage for a journey through deep time.
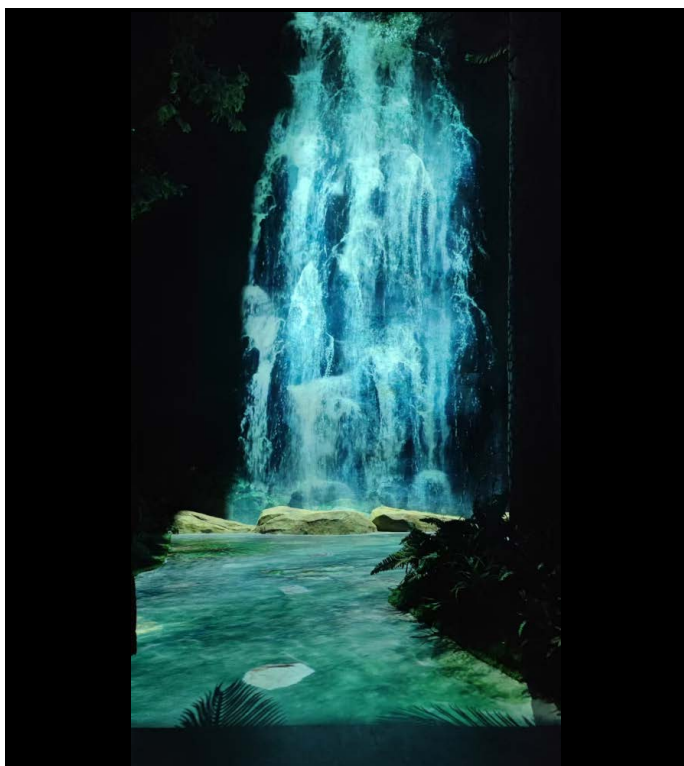
Another highlight is the Waterfall Projection experience zone, where water-themed projections flow across massive screens and floors. Visitors walking through the area trigger bursts of digital water and foliage movement — an illusion created by a seamless blend of visual rendering and responsive interaction, using four strategically installed Christie DWU880-GS projectors.

Further along, in the Magic Brush interactive zone, visitors become digital artists. A 32-inch touchscreen paired with a DWU880-GS projector allows them to colour dinosaurs and instantly see their creations brought to life on a 6.4-metre-wide (21-foot) wall — a delightful and educational experience that blends creativity with science.

In the Cretaceous Dinosaur projection zone, six DWU880-GS projectors create panoramic scenes of dinosaurs in motion, displaying lifelike behaviours amid lush prehistoric landscapes. Adjacent to this is the Translucent Gauze projection zone, where light and shadow play across floating screens to evoke

an ethereal atmosphere, as if the past is materialising before visitors' eyes. A ceiling-mounted DWU880-GS projector brings this enchanting spectacle to life.

Finally, the Glowing Dragon Walk experience zone enables guests to stroll alongside animated prehistoric creatures across a large-scale floor projection, made possible with five DWU880-GS projectors. Movement-triggered visuals ensure that every step enhances the sense of immersion.

With their professional-grade performance and versatility, Christie GS Series projectors are built to excel in demanding, high-usage environments. Offering 20,000 hours of reliable, virtually maintenance-free operation, WUXGA resolution, along with wireless connectivity, a compact and quiet design, and a full suite of lens options, the GS Series is the trusted choice for museums, educational institutions, boardrooms, houses of worship, and beyond.

Christie

JAPAN

Coffeehouse Creates New Sonic Experience with Genelec Smart IP

Studio-grade audio across three zones comes with zoning control and vinyl playback that creates a rich and immersive café soundscape

In the culturally rich neighbourhood of Shimokitazawa, a new café is redefining the role of sound in public spaces. **"Et – THE CULTURAL COFFEEHOUSE"** is more than just a coffee shop – it's a creative gathering space where architecture, materials, and music all reflect a deeper pursuit of quality. To help realise this vision, Genelec's Smart IP loudspeaker series has been installed throughout the café, offering pristine audio and seamless control via a single Ethernet cable.

Located between Higashi-Kitazawa, Shimokitazawa, and Setagaya-Daita stations, Et was developed by the SCENIIUS division of Nitto Kogyo Co., Ltd. General Manager Hayato Kimura, a longtime Shimokitazawa resident, explained the concept: "I worked at Blue Bottle Coffee Japan for 10 years, thinking about how cafés can enrich the city. During that time, I felt that a café should not just be a place to drink coffee, but a place where you can easily spend

FACT FILE
Project Name: Et – THE CULTURAL COFFEEHOUSE
Project Location: Tokyo, Japan
Project Segment: Hospitality
Systems Designers and Integrators: Tetsushi Mase
AV Highlight: To deliver pristine audio zoning across multiple floors via Smart IP speakers
Key AV Brand: Genelec

happy time. After leaving the company, I opened Et in 2024 with that idea in mind."

Et's focus on detail extends to every element of the customer experience. The café serves coffee brewed through distillation, alongside food crafted with a deep respect for producers and ingredients. That same care guided the decision to install Genelec's Smart IP loudspeakers.

"I wanted to create a store in Shimokitazawa that would develop new cultures and communities with delicious coffee at its core," said Kimura. "To achieve this, we needed a complete vision – not just from a business perspective, but also from the perspective of creating the space. As part of that process, we chose Genelec loudspeakers to deliver the sound."

With a long history as a musician and composer, Kimura has trusted Genelec for many years. "I first used Genelec in a music production environment nearly 20 years ago, and I've been a fan ever since," he noted. "However, I wasn't aware that it could be used in a retail environment. Tetsushi Mase, who specified the sound equipment for Et, told me that there were models suitable for commercial AV use, and I thought, 'Genelec is definitely the way to go.'"

Mase is an audio engineer who also runs a nearby recording studio and café. "I was consulted by Kimura, who is an old friend of mine, and I recommended Genelec after listening to his store concept," Mase explained. "The appeal of Genelec loudspeakers is that they bring studio-grade clarity and precision to commercial environments. Smart IP is efficient and highly scalable, and delivers audio, power and control over a single LAN cable."

Et's sound design covers three distinct zones: the first floor, the spiral staircase, and the second floor. Four **Genelec 4435A Smart IP in-ceiling speakers** serve the first floor, while another 4435A is placed on the staircase to create a musical link between levels. Upstairs, three 4436A pendant-style Smart IP models are suspended from the ceiling. Each loudspeaker blends visually into the space, ensuring minimal intrusion on the café's aesthetic.

Crucially, the Smart IP system enables individual zoning, allowing different audio content – or a continuous musical theme – to be played across the three areas. "In the future, I would like to create a performance where the music played on each floor has a story-like quality," explained Kimura.

To round out the system, a Genelec 7050C studio subwoofer is installed on each floor, adding controlled low-frequency extension.

Although the Smart IP series operates via networked audio, the analogue-only subwoofers were successfully integrated thanks to Mase's creative system design. "With a little ingenuity," he shared, "we were able to make it work perfectly."

The café's playlist spans both digital and analogue sources, with music (including Kimura's original compositions) streamed via iPad or played from vinyl on a connected record player. "When you listen to records on Genelec loudspeakers, the sound has a true physical presence," Kimura added. "You can really feel the sound image of the record. You can even tell the difference between the compressed sound of the iPad and the analogue sound of vinyl."

That level of detail hasn't gone unnoticed by Et's music-savvy clientele. "Due to the location of Shimokitazawa, many of our customers are in the music industry, and they are often surprised, saying, 'It's amazing that you have Genelec speakers installed!'"

Kimura continued: "By installing Genelec speakers, Et has become a unique space. As for the quality of the sound, we are able to play any music without disturbing our customers, many of whom have pets or babies. We deliver a comfortable sound to everyone."

Looking back on the project, Kimura feels a warm glow of satisfaction: "I'm very happy that the café is now letting customers experience the same appeal of Genelec speakers that I first felt as a musician in a music store all those years ago."

Genelec

CHINA

Unilumin Brings Innovative LED Display to Shenzhen Airport

A suspended LED sculpture combines dynamic visuals and architectural elegance in Shenzhen's busiest airport terminal

In today's fast-paced world, public spaces are more than just transit points; they are stages for storytelling, connection, and memorable experiences. At Shenzhen Bao'an International Airport, Unilumin is bringing this vision to life with a breathtaking new digital installation that seamlessly merges technology with design.

A Landmark of Light and Design
Suspended gracefully in the terminal, the latest LED display from Unilumin has already captured the attention of travellers and media alike. With its vibrant imagery and sculptural form, the display has quickly become a must-see spot— transforming an ordinary airport concourse into a visual landmark.

What sets this screen apart is not just its clarity, but its character. From afar, it appears almost like a floating canvas, its gentle curves and ultra-thin profile redefine the conventional look of LED displays. This is more than a screen; it's an architectural statement that speaks to Unilumin's commitment to beauty, precision, and user-centred innovation.

Elevating Experiences through Innovation
Suspended like a piece of floating art, the new installation combines elegance with innovation as it is thin (48.2mm thickness), lightweight (11.5kg per cabinet), and with an absolute safety design that was built for continuous operation. Its flawless surface (≤0.2mm

FACT FILE	
Project Name: Shenzhen Bao'an International Airport	
Project Location: Shenzhen, China	
Project Segment: Transport	
AV Highlight: To engage a busy airport terminal through intelligent LED installation	
Key AV Brand: Unilumin	

Uslim S2
Indoor Ultra-thin Double-side LED Display
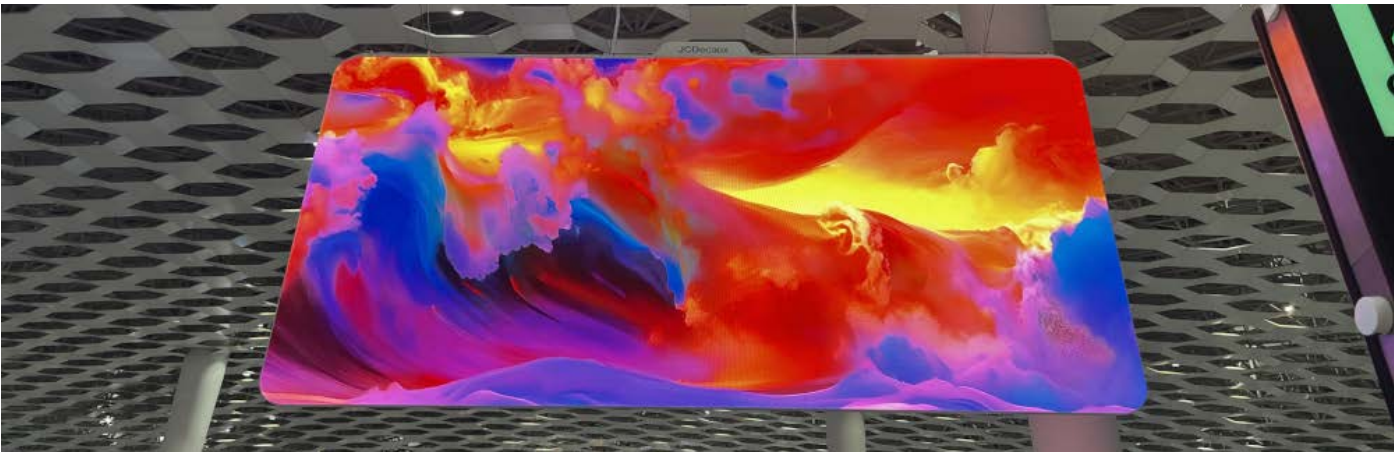
deviation) brings images to life with vivid colour and smooth detail, while the dual-sided design doubles the storytelling impact, allowing different content to be shown on each face, making every glance a captivating experience in one of the airport's busiest spaces.

As cities grow smarter and public spaces become more interactive, Unilumin continues to lead the way, helping people not only see more, but feel more. The Uslim S2 is a testament to what's possible when design, technology, and human experience come together.

Unilumin

SIIA

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