



ROE Visual and Ayrton at the AFC Asian Cup Opening

Martin Exterior Wash Series delivers dramatic scenic lighting at Mount Faber Cable Car Station

ISLE 2024 is a bright success for the future of Smart Screen Display and LED

Clear-Com Arcadia debuts in Thailand with Lightsource and Creative Rock

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NEXO brings immersive sound to Seoul

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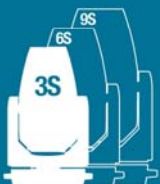
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Weight
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Creative Technology featured ROE Visual on AFC Asian Cup Qatar Opening Ceremony stage

ROE Visual LED panels played a central role in the AFC Asian Cup Qatar 2023 Opening Ceremony, which took place in January this year. Commissioned by Katara Studios, Creative Technology used ROE Visual's LED panels to bring awe-inspiring vision to life.

The event featured five shell-shaped screens, each with an impressive height of 12 meters. The screens, forming five giant petals, consisted of a total of 600 ROE Visual BP2V2 panels. This magnificent centerpiece enveloped all spectators in the musical *Kelileh & Demneh*, enabling them to understand the story's background and follow the song lyrics.

"The show was designed to look beautiful from any viewpoint in the stadium. The five screens enabled a 360-degree view, corresponding to the number of regional federations that make up the AFC", said Magriga Kamiyeva, Sila Sveta's producer of the show.

Rooted in the spirit of football, the screens displayed the unique interpretations of the mascots chosen by the 24 national teams to represent their countries, uniting the Asian continent to celebrate unity and inclusivity. "We're grateful that Katara Studios brought us on board for this production," commented Riaan Gomes, Senior Project Manager at Creative Technology. "It was an honor to work on such a spectacular and memorable event. We opted for the ROE Visual BP2V2 to deliver mesmerizing visual content. This choice was backed by the fact that the BP2V2 has excellent on-camera behavior".

The BP2V2 has solidified its reputation by showcasing unparalleled color accuracy in many Netflix shows, influential films, and popular broadcasting shows. The BP2V2's great on-camera behavior and stable performance provide both DOP's and actors with a superb environment to work on.

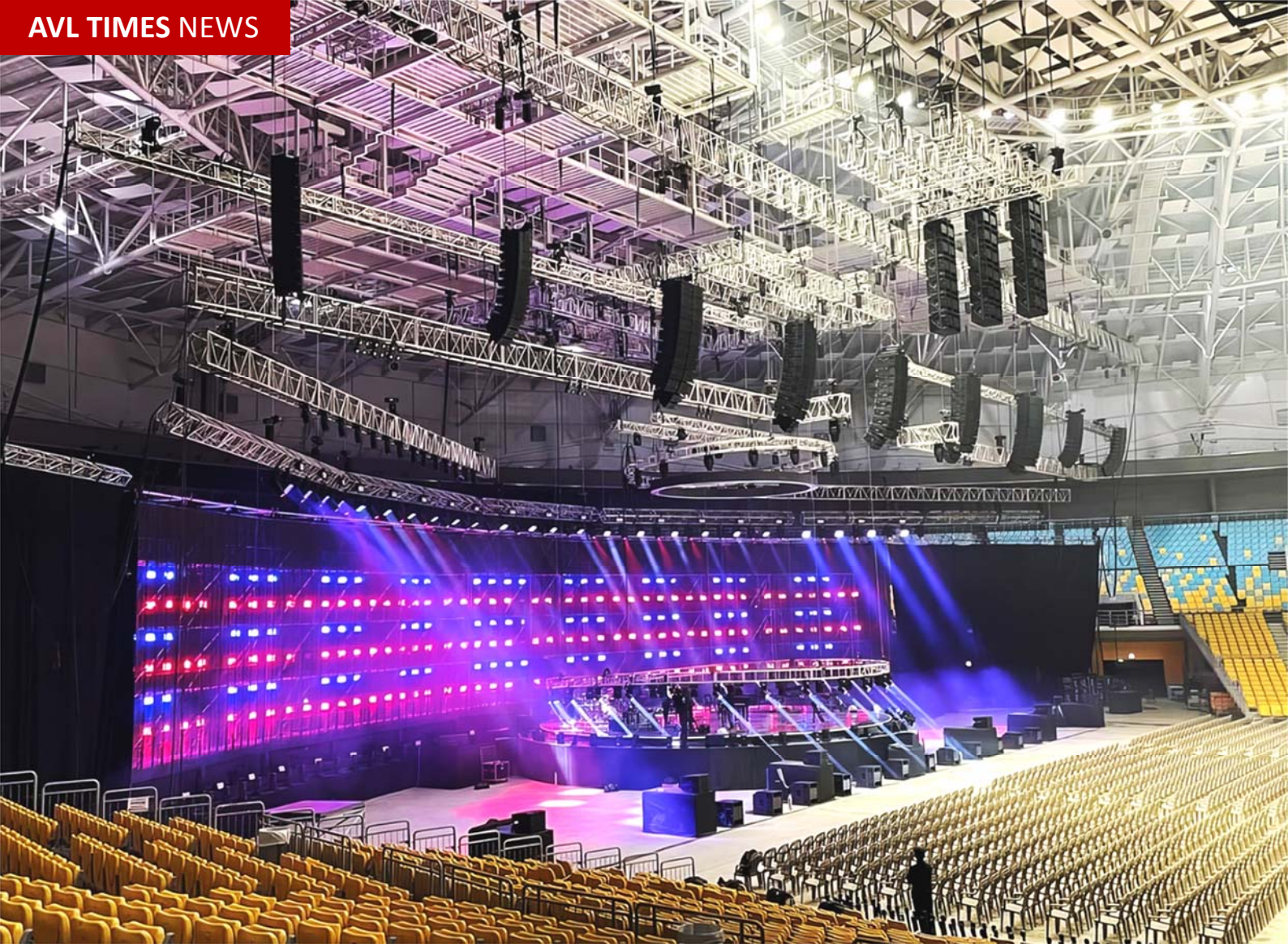
"This is another big event we achieved in partnership with Creative Technology in Qatar, following the Qatar World Cup Opening Ceremony. Thanks to our partner for consistently prioritizing high-quality visuals. With this remarkable event as a beginning to 2024, we're eagerly anticipating the next projects and events in the Middle East region." says Grace Kuo, Sales Director of ROE Visual.





www.roevisual.com

Photos © Katara Studios



Younha brings NEXO immersive sound to anniversary concerts in Seoul

Korean singer-songwriter Younha celebrated 20 years since her stage debut with concerts on February 3rd and 4th at the 15,000 capacity KSPO Dome in Seoul, formerly the Gymnastics Arena for the 1988 Summer Olympics.

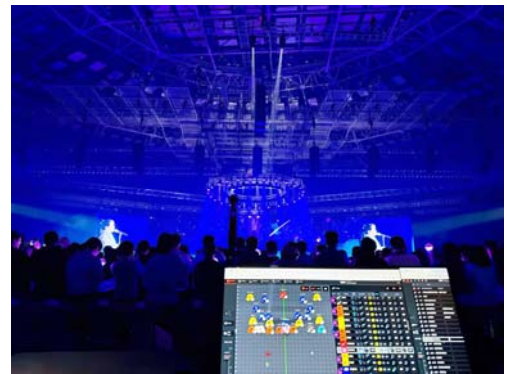
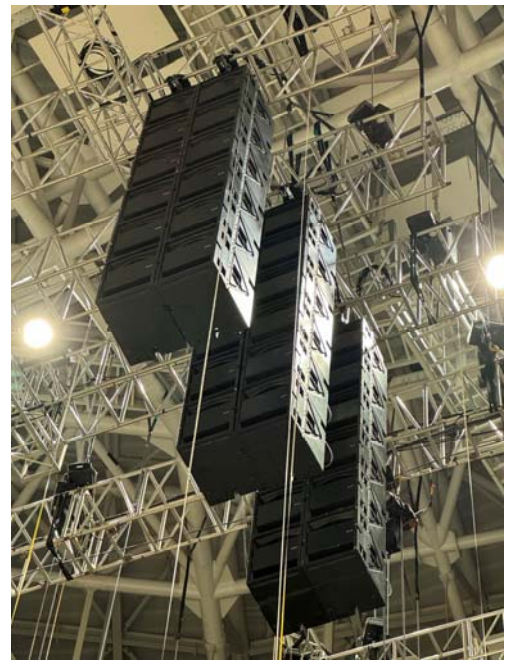
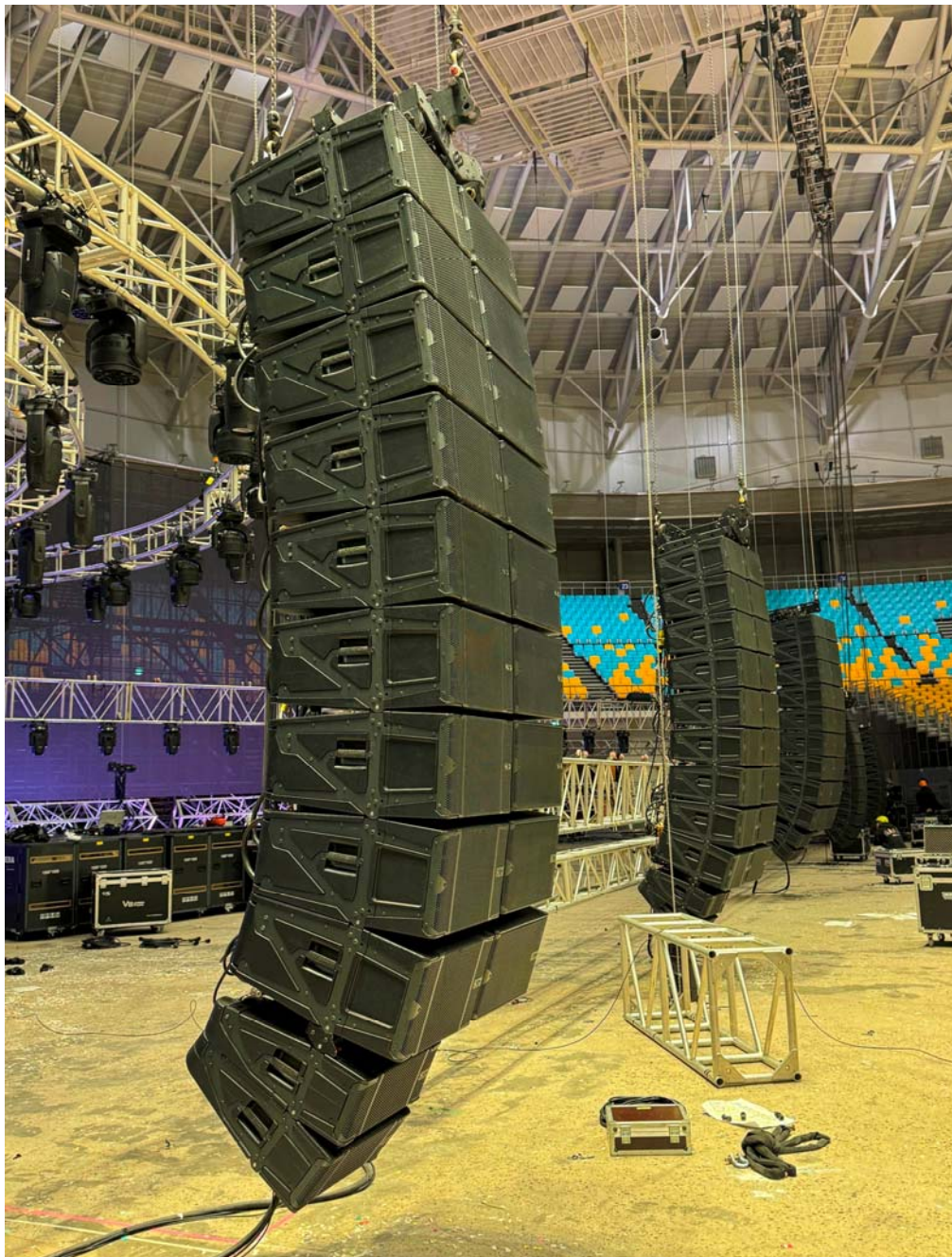
Titled 'Twenty', the concerts were among the first large-format popular music events to feature immersive sound, with Yamaha AFC Image creating a thrilling, 3-dimensional soundscape delivered by a total of 210 x NEXO STM line array elements comprising 9 x clusters of STM M48/B112 with M28 down fills hung across the front of the stage, supplemented by 3 x central clusters of 12 each STM S118 subs in an end fire configuration. Power and processing came from multiple Dante-equipped NEXO NUAR Universal Amp Racks.

The system was designed and deployed by local event sound specialists and STM rental partner Way Audio, where they used AFC-compatible NEXO NS-1 design and simulation software to configure the system which was tested and tuned at the warehouse for a period of a month leading up to the concerts.

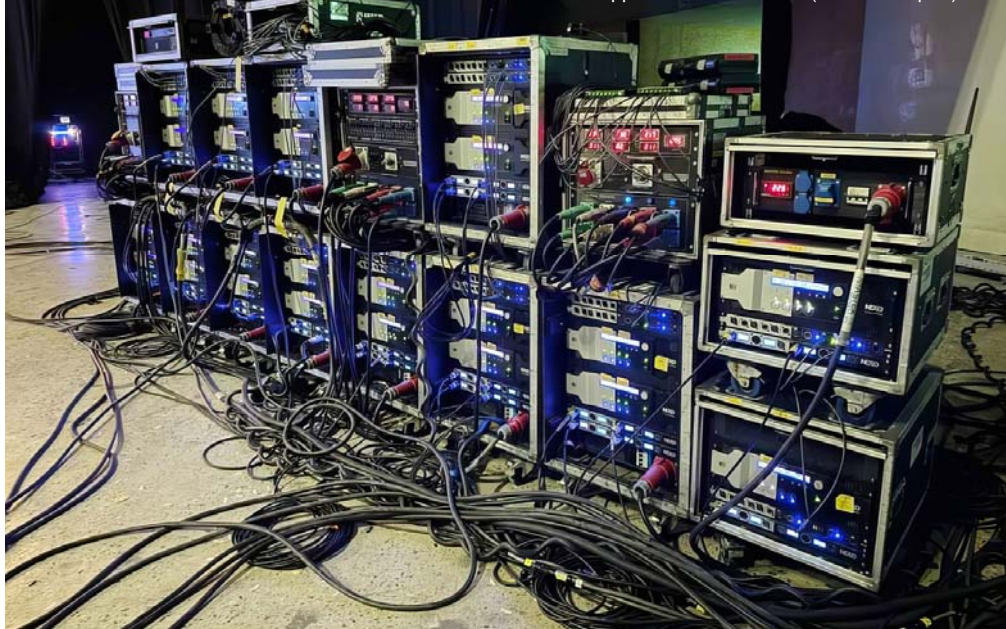
Drawing on songs written throughout

her career so far, Younha recalled her debut performance at a small café in Shibuya, Tokyo. Twenty years later at





Sound System: WAY AUDIO Co., Ltd. and STM partners MICO SOUND, MASTER SOUND
General Sound Director: Andrew Kim FOH Engineer: Young Cheol Kim
Monitor Engineer: Hyeung Gu Kim System Design: Yun Cheol Lee, A Ram Nam. Way Audio Co., Ltd.
Immersive Design, Processing Operator: SooYong Lee (AFC Certified Designer)
Immersive Technical Support : Dai Hashimoto (Yamaha Japan)



the KSPO Dome, a venue known for its challenging acoustics, each audience enjoyed thrilling immersive sound with sources dynamically mixed on 72 channels and localised within the space.

When Younha greeted the audience, her voice surged around the arena like a wave, and fans knew they were in for something special. "When the performance began and the band began to play, a sound that no one expected burst out" comments Way-Audio Senior Engineer A-ram Nam. "The sense of positioning of the instrument properly arranged around the stage improved the separation of each instrument within the mix.

"After the performance, hundreds of reviews from general audience members commented on how they were impressed by the high level of sound quality."

www.nexo-sa.com
www.wayaudio.co.kr



Martin Exterior Wash Series delivers dramatic architectural and scenic lighting at Mount Faber Cable Car Station

AVL Acoustic Systems and Luxlight recently collaborated to illuminate Singapore's iconic Mt. Faber cable car station with state-of-the-art Martin Exterior Wash 110 RGBW lighting fixtures.

Mount Faber is a hill located in Singapore's central region, offering panoramic views of the city's skyline, as well as the surrounding islands and the sea. It is a popular tourist attraction and is often visited by locals and visitors alike. At the summit of Mount Faber is a cable car station, which offers a scenic cable car ride to Sentosa Island, another popular tourist destination in Singapore. There are also several lookout points on the hill, including the Faber Point and the Merlion Lookout, which offer breathtaking views of the city and its natural surroundings.

Officials recently hired AVL Acoustic Systems to implement a lighting

installation to emphasize the charm of the cable car rides and deliver immersive experiences for visitors and events held at the Mount Faber venue. AVL Acoustic System worked closely with LuxLight and HARMAN Professional Solutions to design and install an array of Martin Exterior lighting fixtures to provide positive guest experiences with vibrant color and dynamic lighting.

"Selecting Martin Professional has been an excellent

choice," said Marc Brandon Hor, Project Consultant, AVL Acoustic Systems Pte Ltd. "We were seeking versatile and innovative lighting fixtures backed by strong support and a reputable brand in the industry. Martin

is a well-respected brand in the lighting industry, known for its high-quality, innovative lighting solutions. Choosing Martin can provide peace of mind knowing that you are investing in reliable and well-designed lighting fixtures. We look forward to working together again when we expand the project further to enhance the overall experience."

Exterior Wash 110





The team selected Martin architectural lighting fixtures for their versatility, energy efficiency, enhanced durability and robust weather protection.

Martin's IP-rated Exterior Wash 110 fixtures can withstand environmental factors such as water and dust, making them ideal for both indoor and outdoor use. Their longevity and low maintenance requirements ensure reliable performance and contribute to reduced cost of operation.

Martin Exterior Wash 110 fixtures are equipped with QUAD LED technology to provide superior color mixing and

deliver impressive output while remaining energy efficient and compact.

The team successfully executed the project while ensuring minimal disruption to the daily operations and night maintenance of the cable car station. The professional teams displayed their expertise and flexibility, worked within a short timeframe, and swiftly resolved any challenges encountered during the installation process. Mount Faber Cable Car Station's new Martin Exterior Wash fixtures help it stand out among Singapore's picturesque scenery and further solidify its position as a must-visit destination for tourists and locals alike.

"We thank Mount Faber Cable Car Station, AVL Acoustic Systems and Luxlight for this collaboration," said Amar Subash, VP & GM, HARMAN Professional Solutions of APAC.



"Martin's dynamic architectural lighting DNA is deeply embedded in performance and entertainment. With our high standards and cutting-edge technology, we strive to consistently deliver creative versatility for permanent installations, both interior and exterior, for our esteemed clients."

www.martin.com

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Goldenduck Group debuts Clear-Com Arcadia Central Station in Thailand with Lightsource and Creative Rock

Since its establishment in 1978, Goldenduck Group has been Southeast Asia's leading systems integrator, consistently introducing new digital cinema and broadcast technologies to meet the increasing demand from clients such as Lightsource and Creative Rock. Lightsource recently deployed a Clear-Com® system, which includes the FreeSpeak II® digital wireless system and Arcadia® Central Station. This decision was based on multiple factors including the ubiquity of Clear-Com in the intercom market and the ability to utilise FreeSpeak II and Arcadia in a wide range of applications, says Thantaphat Chompoophol, CEO of Lightsource.

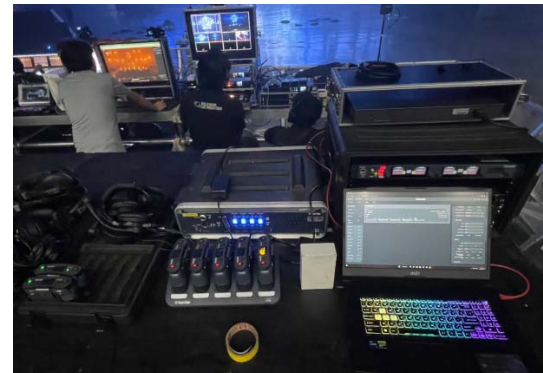
"FreeSpeak II and Arcadia are well-known systems and with Clear-Com's strong branding and high-quality product, it was the best choice. We can now add the service of show cue communication to support our clients, and the clients also have the advantage of using us to service all of their event production needs easily."

FreeSpeak II digital wireless intercom and the Arcadia Central Station allow both Lightsource and Creative Rock to

better meet their customer's evolving needs while ensuring those projects and events run more smoothly. "The system makes our life easier when we specify it for a show," says Wikran Maneesri, managing director/technical consultant for Creative Rock. "The client is always happy to go with it. The quality, flexibility, and capabilities of FreeSpeak II and Arcadia are widely known by users, especially those with high technical knowledge, which helps make clients feel more confident working with us."

Brokered on the heels of the 2023 InfoComm Southeast Asia show in Bangkok, these are the first sales of Arcadia in Thailand, and both companies have already deployed the systems. Training on the systems recently concluded, and Lightsource has since utilised Arcadia and FreeSpeak II in several projects, including at a fan meeting event featuring South Korean singer and member of K-pop band EXO at Paragon Hall and Japan's "1 OK Rock" at Impact Arena.

Creative Rock has also found success with its new intercom systems. "We have started using the system, and it



has worked very well," Maneesri notes, adding that Creative Rock looks forward to deploying Arcadia and FreeSpeak II for an upcoming large-scale project for a Swiss client in early 2024. Creative Rock is considering augmenting their inventory with additional Clear-Com equipment soon. "The systems are comfortable (to use), easy to control and configure for communications in various platforms," Maneesri continues, "and, of course, the strong RF signal and overall quality will make our clients very confident in communication and service, too."

www.clearcom.com

www.goldenduckgroup.com

www.lightsource.co.th

<https://creative-rock.com>



Absen leaps into 2024 with its Absen Spring Event for the ProAV market.

The Absen Spring ProAV Event, held at Absen's Intelligent Manufacturing Centre on February 27th 2024, was themed--Voice of the Future! The occasion, surpassing all expectations, hosted 100 plus attendees who were the most reputable professionals in the ProAV industry from over 30 countries around the globe.

Absen outlined its ProAV strategy and showcased the company's optimistic annual growth and plans for operational cost reduction, which serves as a springboard into a day full of insightful forums and speeches.

Hansen Ding, Chairman of the Absen Board, kicks off the event with a welcome speech. Then the stage was handed to Sasha Liu, the general manager of the overseas sales system who gave an overview of Absen's current status, introducing the company and its strategies to the ProAV market. Absen Vice President, Dr. Deng, was the next in line to shine a light onto Absen's product and technological layout across the ProAV industry.



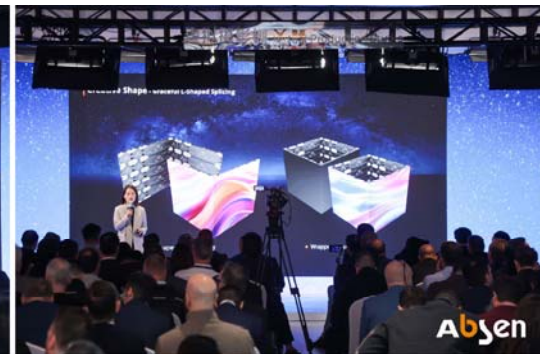
Several keynote speeches followed to unveil a series of new products from the vice president team of overseas sales system, Yuki Yu, Azalea Hu and Linda Chen. New products include Ultimate Micro LED Display CL V3, Absenicon X series widescreen and Absenicon M V2 Series are debuted. All adopt the most cutting-edge Micro LED display



technology to achieve all-round upgrades in terms of display effect, display consistency, contrast, power consumption, image quality, protection, etc. Designed for retail applications, the KV3 Series are presented with a high brightness, exceptional image clarity, and easy customization that offers endless creative possibilities and captivating storytelling.

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The second forum, Future of Workplace, was preceded by speeches from experts who partnered with Absen. First, Gil Lopez, Integrated Communications Technology Architect and principal of Shen Milsom & Wilke, described how the composition of the workforce had transformed, then examined the new technologies and the virtual conferencing workflow that would underpin the future workplace. Paul Vander Plaetse, founder and CEO

of Absen partner VuWall, shared his expert insight into the future of control rooms and visualization suites. With over 5,000 global brand installations to its name, VuWall has experienced the evolution of control rooms. New advances in technologies such as AV-over-IP enable flexibility and expandability to networked video wall systems, creating opportunities with less expensive, simpler systems. Dawson Cai, VP of product at Yealink, interpreted the role of AI in the innovative workplace of the future. Working with secure AI and a Microsoft Teams backbone, Yealink sees the implementation of hybrid office as a predictable trend for all corporations. The final speaker was Mark Walker, managing director of B-Tech, who examined the possibilities of videowall mount with reference to the transition of panel technologies from LCD to DVLED screens. Bolstered with insight from the experts, the event segued into the roundtable discussion titled 'Global



AV display trends in the corporate environment', hosted by Absen director of Industry Development, Darren Matthew Banks. Panelists giving their views in the forum were SM&W principal, Gil Lopez; One Diversified's national purchasing manager, Craig Lloyd; Richard Mackie, Technical Solutions Architect at ProAV Ltd; and Rene Schaddelee, CEO, AVEX International.

Absen rounded off a fruitful day of activities with a spectacular evening dinner event, where partners and customers could confer on the information from the day and mingle in a relaxed and comfortable atmosphere.

The Spring Event was strategically significant for Absen to keep partners abreast and apace with its inspirational trajectory. The impact was palpable, provoking interests and discussion for a future aligned with the positivity Absen itself was able to share. The company extends a big thank you to all the participants and its partners – and a special note of thanks to the event sponsors, B-TECH, and NOVASTAR, for their contributions to a very successful Absen Spring Event.





ISLE 2024 is a bright success for the future of LED

ISLE 2024, Asia's biggest exhibition for Smart Screen Display, Audio-Visual, System Integration and LED, was held from February 29th to March 2nd in Shenzhen World Exhibition & Convention Center (Shenzhen World).

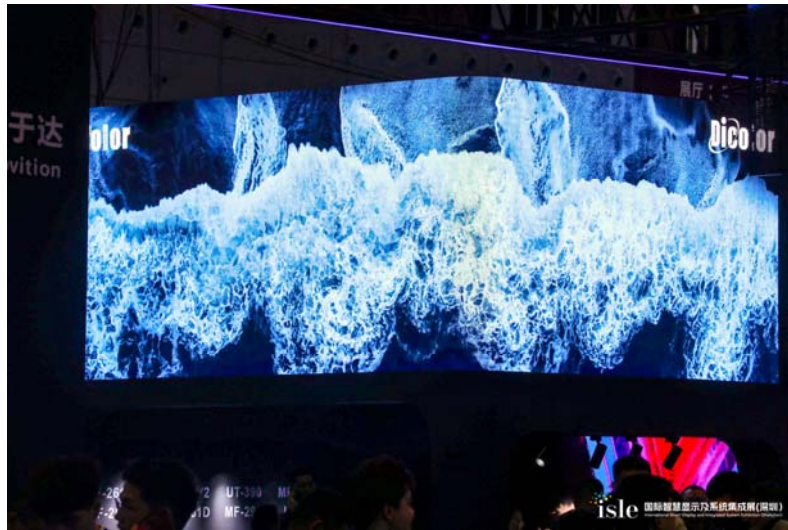
Shenzhen is a celebrated industry hub for display (especially LED display), and ISLE 2024 is within 30 minutes' drive to most of China's major LED factories. Converging complete industrial chain in display & integrated system, ISLE brings global buyers to latest products, easy factory research, networking opportunities at the one-stop platform.

ISLE 2024 hosted more than 1000 online and offline exhibitors, demonstrating AI-assisted display, XR, 4K and 8K Micro-LED, naked-eye 3D display, transparent Mini LED, 5G AV-over-IP applications, remote conferencing and streaming, live events, interactive display, digital signage, digital content creation and management with 80,000 square meters exhibition area.

For the 3-day event, the well-known brands displayed their products and solutions, including Leyard, Unilumin, Absen, LianTronics, Ledman, AOTO, BOE, Skyworth, Cedar, Novastar and MAXHUB. The rental giant Gloshine, together with dozens of stage-show companies, will deliver a visual marvel through digital creativity and immersive experiences. Hundreds of new and innovative products had made their debut in ISLE 2024.

The ISLE 2024 organizer staged dozens of forums and workshops in the fields of virtual cinematography, XR broadcasting, IOT display, smart city, data fusion, big data display application.





In ISLE 2024, there are some features in the products & solutions on site:

The mini/micro display era has come

Most of the LED display companies has COB/MIP products, making mini/micro display mainstream. For example, Leyard 8K Micro LED, Unilumin Upanel Micro 0.6, Absen Micro LED P0.9, LianTronics Vmicro COB P0.7 & MIP P0.9, LEDMAN 8K P 0.4-0.7 Micro LED UHD Energy-saving Cold Screen, AOTO P 0.3 LED, became the most visited products in each companies' booth.

Scenario applications attracted much attention and the competition for segmented tracks became intense

There were multiple creative display applications on ISLE 2024. With the technology development of display, and the fast drop in unit price, the use of LED in XR virtual production, naked-eye 3D, special-shaped display screen, rental display, transparent display, flexible screen, have become ever-wider.

The all-in-one display machine become hotter

Big hits like LEDMAN 163-inch Micro-LED video wall, Skyworth 138-inch SCOB super all-in-one machine, Cedar 165-inch 8K HD home theater, attracted much attention with their product innovations.

Deeper fusion of "AV + Industry"

With the wide use of 5G and wide application of 4K/8K HD, the Audio-visual industry has wide integration and fusion with other industry. Technology like AI aid, VA/AR, digital broadcaster, have been widely used in live show,



game broadcasting, press conference, digital exhibition, etc.

The organizer has announced ISLE 2025 to be held in Shenzhen World Exhibition & Convention Center (Shenzhen World) from March 7-9, 2025.

www.isle.org.cn



Roland Greil scores a hat-trick with Ayrton Domino, Huracán and Cobra for the AFC Asian Cup Opening

On 12 January 2024, Qatar hosted the Opening Ceremony of the AFC Asian Cup at the 88,000-capacity Lusail Stadium, the largest stadium in the Middle East. Unusually for a football tournament, the ceremony was on an unprecedented scale, comprising a full-size stage in midfield with a set featuring sand dunes, colourful costumes, and stunning visuals around a central motif of giant mirrored petals. Simultaneously broadcast internationally across the Middle East, Asia and Australasia, the 21-minute visual extravaganza, *Mirrors, The Lost Chapter from the Book of Kelileh Wa Demneh*, was a triumph of theatrical story-telling. Equally impressive was the speed in which it was struck in just 27 minutes by 700 stage hands, in choreography as coordinated as the performers who preceded them, before the first match of the tournament kicked off.

“It was like Superbowl on steroids!” says lighting designer, Roland Greil

who, brought in by design and production agency, Sila Sveta, used over 450 Ayrton fixtures as the majority - and main key lighting workhorses - of his design. “Our aim from the beginning was to create a very theatrical theme and lighting design in keeping with the cinematic approach taken by producers, Katara Studios,” explains Greil.

“The show was a hugely complex, spectacular, yet very theatrical piece with a detailed story line and glorious costumes. We needed a rig that could support the beautiful story on stage and create magical looks for 80% of the time, but also to have additional fire power to create some big looks for the remaining 20% for the live broadcast, and to reflect the joy and enthusiasm for the game of football within the region.”

Countering the constraints of stadium rigging positions, Greil worked with technical director Shannon Gobell to develop some “really good” lighting

positions, the throw distances of which “bring their own physics with it!”

“Half way up the grandstands on Level 4 we found another perfect lighting position which we filled with 110 Domino Profiles for more key lighting from a distance of 80m-90m. Domino Profiles are basically an IP version of the Huracán Profile so I was able to use them both as if they were the same light. In the Arabic world, lighting for the live audience is of equal importance to lighting for worldwide broadcast, so getting the key lighting right is the most important aspect of the whole lighting package to achieve both.”



COBRA

A further 67 Domino Profiles were rigged along two overhead catwalk trusses at a height of 90m-100m providing two high lighting positions from where they could light the audience for background shots, washing them with LED spotlights.

96 laser-sourced Ayrton Cobra fixtures were rigged on top the stadium roof to create aerial beams and extend the effect of the fireworks which were filmed by overhead drones and a heli cam. "We also used the Cobras to create some nice looks that worked from the inside of the stadium, positioning them to build a kind of roof of lights over the open stadium that could be seen perfectly from within."

Lighting Design: Roland Greil
 Stage Design & Visuals Creative Director: Artur Kond/ Sila Sveta
 Katara Studios Executive Creative Director: Ahmed Al Baker
 General Producers: Alexey Rozov & Alexander Us
 Katara Studios Executive Producer: Mahmoud Hamaky
 Producer: Magrifa Kamayeva
 Show Director: Slava Kualev
 Broadcast Director: Marek Mill
 Technical Director: Shannon Gobell
 Associate Lighting Design: Troy Eckerman

LX Programmer & Studio Associate: Michael Kuehbandner
 LX Programmer: Markus Neubauer
 Design Assistant & Spot Caller: Tom Levin
 Audio Design: Scott Willsallen
 Staging & Automation: Stage One
 LX Vendor: PRG Middle East
 Audio Vendor: Agora



On stage, Greil integrated 54 Ayrton Domino Washes into the floor which he used to light the scenic elements, but also to create a 'beautiful shaft of light' in between the five mirrored LED petals of the main scenic element.

Traditional follow spots were replaced by a FollowMe system working in conjunction with the Huracán and Domino Profiles on Level 4. "In fact, we were able to calibrate each and every one of 450+ Ayrton fixtures in the overhead rig and choose any light or combination of lights we wanted to act as follow spots," says Greil. "This was very beneficial for broadcast as we

could pick and choose multiple lights to ensure we had the exact perfect angle for both broadcast and the live performance at all times. This was the first performance of a FollowMe system on a major stadium event and it worked perfectly. We were able to follow performers over an entire football field, not just a defined stadium stage, and we replaced what would traditionally have been 12-20 follow spots offering a limited number of angles, with 450 'follow spots' that could be used in an incredibly creative way. It gave us huge flexibility and saved us an immense amount of time in rehearsal too.



Domino Profile

from left to right: Markus Neubauer, LX Programmer II & Keylighting; Troy Eckerman, Associate LD; Roland Greil, Lighting Designer; Michael Kuehbandner, Studio Associate & LX Programmer; Tom Levin, Design Assistant & Spotcaller



"Considering scale of the show, we lit the whole ceremony with relatively few lights," concludes Greil. "In total there were 54 Domino Washes, 224 Domino Profiles, 80 Huracán Profiles and 96 Cobra, alongside another 244 moving lights, all of which were amply able to cope with the huge throw distances. Thanks to these and a great collaboration between all the departments we were able to beat the challenges of lighting a huge profile event in a stadium."

All lighting for the AFC Asian Cup was supplied by PRG Middle East.

www.ayrton.eu

Photos © Louise Stickland



Australia's Geelong Arts Centre adds Claypaky Sinfonya Profile 600

A \$140 million redevelopment program by the state of Victoria's government has transformed the Geelong Arts Centre into Australia's largest dedicated regional arts center. The upgrade includes the installation of 28 Claypaky Sinfonya Profile 600s, unique, low-noise LED-based fixtures conceived and developed exclusively for the theater market. The fixtures are stylish and packed with technology, offering endless possibilities for theater designers to utilize a wide variety of features specifically developed for theatrical productions.

According to Ben Van Dillen, Technical Operations Manager for the venue, "we needed a fixture that had shutters and an excellent color profile. I also wanted a moving light that was going to match our LED profiles, something that we could use not just as a theater light but also as a rock 'n roll-style light. It was important to have automated fixtures for shows that come in for only a day, which you need to turn around really

quickly." Show Technology's Keith Bradshaw visited the crew at Geelong Arts Centre to conduct a shootout of various fixtures after receiving Van Dillen's specs. Van Dillen opted for the Sinfonyas, which were installed in the Play House, a 764-seat proscenium theater for live shows, major concerts, dance performances and corporate launches. He calls the fixtures "amazing" and says they have quickly become favorites among the touring lighting designers who have used them.

Ian Scott was delighted to get his hands on the Sinfonyas while doing the lighting design for "Jersey Boys" for the Geelong Lyric Theatre Company. "The multi-color emitter light engine is great: The ability to get saturated colors at high intensity helps punch through additive color fixtures, unlike traditional CMY subtractive fixtures," he notes. "The gobo selection is great for a wide variety of use cases, and the 5 – 60° zoom range is all that I ask for in a fixture."

Jason Bouvaird was also impressed by the Sinfonyas after using them on a production of "Priscilla, Queen of the Desert." "I found the Claypaky Sinfonyas to be an incredible moving light spot. The brightness out of these lights at 9 meters is incredible. They are quick to respond to all movements on stage, and the gobos are an excellent selection. The shutter framing on the lights is a huge bonus feature as well. I think these lights are the next generation workhorse in a moving light fleet," he says.

Alfonso Zarate Takano is Claypaky's Regional Sales Manager for APAC.



www.claypaky.com

www.avltimes.com



HAV unveils first-ever HARMAN Professional Experience Centre in the Middle East

Halwani Audio Visual (HAV), a premier provider of cutting-edge AV event and brand solutions in Saudi Arabia, and HARMAN Professional Solutions proudly announces the grand opening of the inaugural HAV/HARMAN Experience Centre in Jeddah, Saudi Arabia. This collaboration between HAV and HARMAN Professional marks a significant milestone in enhancing customer experience and expanding operations within the region. The Jeddah location joins a prestigious network of HARMAN Professional's global experience centres situated in key international hubs such as Los Angeles, London, Singapore, Shanghai, along with other distributor-led experience centres in separate regions worldwide. Additionally, HAV's decision to also relocate its headquarters to this dynamic new space underscores its commitment to delivering unparalleled service to clients.

As a partner of HARMAN Professional audio brands, including JBL Professional, Crown, BSS, Soundcraft, AKG, and dbx, HAV's state-of-the-art

1,800 sqm facility will serve as a premier showcase for audio solutions tailored to both entertainment and enterprise markets. From live touring to installed and recording audio, visitors can immerse themselves in settings that highlight the versatility and excellence of HARMAN's industry-leading products.

"The opening of the new HAV/HARMAN Experience Centre represents a significant investment in our Saudi operations and marks a pivotal shift in how we engage and support our valued customers," said Bassam Halwani, CEO of Halwani Audio Visual. "This immersive environment will offer a comprehensive showcase of HARMAN's industry leading applications, empowering visitors to explore diverse scenarios and gain invaluable insights into our audio solutions."

In addition to its showcase of innovative audio solutions, the new experience centre will host regular training sessions tailored for clients, consultants, and integrators. These sessions aim to enhance technical proficiency and equip



participants with the knowledge needed to navigate the diverse requirements of audio solutions effectively.

<https://pro.harman.com>



Novatech deploys ROE Visual to make waves at AO24 Finals Festival

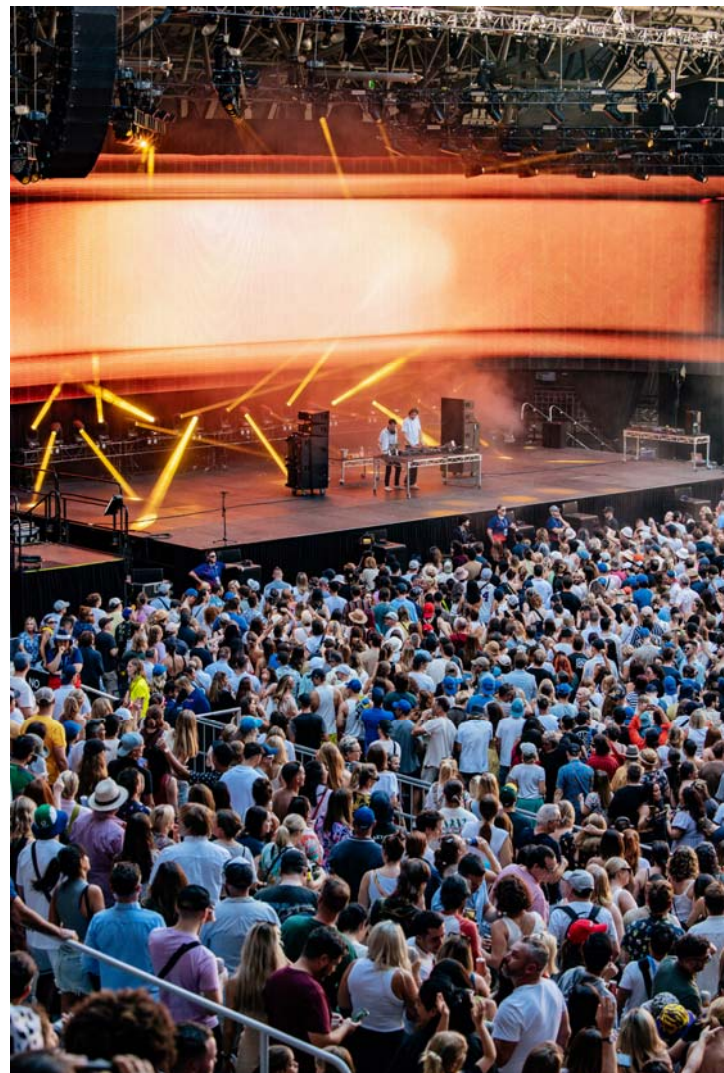
The Finals Festival hits AO24 bigger and better than ever. Presented by Tennis Australia with production design & management by Gig Control, the Festival was held over the final weekend of the Australian Open and saw Novatech deploy the ROE Visual transparent V8T in a creative way.

"The AO Finals Festival was such a sold-out success last year, so it was a very easy decision for us to move it to a bigger venue with bigger crowds, and that's exactly what we've done hosting it at JCA (John Cain Arena)," said Tennis Australia's Chief Commercial Officer, Cedric Cornelis.

To suit the larger venue, Novatech adopted 360 V8T panels to create a vast and immersive curved LED wall measuring 60m in width and 6m in height. The wall's grand size and stunning curves provided the ideal backdrop for internationally acclaimed acts such as Rudimental and Groove Armada.

"The Stage location was in a tennis stadium that also features a velodrome

that is covered by retractable seating banks. The seating retracts to the ceiling and is where the stage was located for the Festival. Considering the limited rigging capacity, lightweight was the first factor we had to consider. The ROE Vanish V8T was the perfect product being only 18kg/sqm, in combination with the limited load capacity of the venues seating bank, meant other touring frame or air frame options were too heavy when combined with all other production elements. With each tile being 1m x 1m meant the build time was shortened, which was a major consideration given the quick turn around between tennis matches being played





and the first day of the Finals Fest. If an AirFrame system was deployed for this design, it would have resulted in 500x 0.6m*1.2m tiles VS the Vanish product being only 360x 1m*1m tiles." explained Ashley Gabriel, Sales and Marketing Director at Novatech. "Additionally, the V8T panels offered exceptional performance in daylight along with curving capability, allowing us to easily accommodate various artists' riders. We therefore used V8T as curved and straight solid LED panels in daylight."

"The Vanish outdoor panels offers superior brightness and contrast, contributing to the overall visual experience. It was great to see how the event production teams expertly crafted the stage design, optimally using the curving options of the LED panel." said Grace Kuo, Sales Director of ROE Visual.

"We stock a variety of ROE Visual panels that allow us to choose the right display depending on the event and requirements. There are many applications and future events that are using our ROE products in creative and innovative ways. We look forward to continuing our relationship with ROE



Visual for many years." commented Leko Novakovic, Managing Director from Novatech.

www.roevisual.com
www.ncet.co

Creative / Production Credit: Gig Control Australia
 Photo © Ashlea Caygill



SIXTY82 launches AMEG Group as Its exclusive distributor for Kazakhstan

SIXTY82, a leading innovator in the design and manufacture of trussing and staging systems, is excited to announce the strategic partnership with AMEG Group, marking them as the exclusive distributor for Kazakhstan. This collaboration signifies SIXTY82's ongoing commitment to expand its global distribution network and deliver superior solutions to the Kazakh market.

AMEG Group, renowned as the premier AV company in Kazakhstan, exemplifies the pinnacle of service excellence and industry expertise. This alliance is poised to set new standards in the entertainment sector, marrying AMEG's local knowledge with SIXTY82's cutting-edge products.

"We are delighted to partner with AMEG Group, spearheaded by the seasoned Evgeniy," expressed Fokko Smeding, CEO of SIXTY82. "Their profound market understanding and commitment to quality make them

the ideal representative for our brand in Kazakhstan. We look forward to a fruitful collaboration and the mutual growth that lies ahead."

Evgeniy Davydov, Sales Director at AMEG Group, shared, "Being chosen as the exclusive distributor for SIXTY82 is a great honour and responsibility. Their innovation and quality are unmatched, and we are eager to integrate their solutions into our market. This partnership is a significant milestone for us and the local entertainment industry."

In a move to solidify this new alliance, SIXTY82 has appointed Henry Schuil as the dedicated account manager for Kazakhstan, underscoring the company's dedication to the region. Demonstrating an immediate commitment, Marc Hendriks, SIXTY82's Technical Director, and Henry Schuil recently led two successful seminars in Astana and Almaty, in cooperation with AMEG Group.



SIXTY82 And AMEG Group

The events saw a turnout exceeding expectations, facilitating invaluable discussions with end-users about their unique needs.

ameg.kz
sixty82.nl



Vietnam Army Theatre welcomes Ayrton fixtures

Ayrton is extremely happy to announce that new Ayrton lighting fixtures have been installed in the Vietnam Army Music Hall and Theatre. The theatre which belongs to the Vietnam People's Army, is situated in HaNoi and was established in 2010 as a professional venue for music and musical arts.

The new lighting fixtures were supplied by Ayrton's Vietnamese distributor ProAVL and include 16 Diablo TC and 20 Mistral fixtures which will be used generally both in the theatre and for touring shows.

Choosing Ayrton lights proved an easy decision for the theatre tech team. "Ayrton fixtures are now used all over the world and have proved themselves on many stages and shows," state the technicians.

"We were really amazed by their accurate positioning, colour rendering (CRI >90) and the really useful CMY mixing system. We were also impressed by the total luminaire output (up to

19,000 lumens) which is really great for our shows. It was great that ProAVL were able to show all these features at the demo before we purchased."

The theatre team explained how their new Mistral and Diablo fixtures would be used. "The lights will not be set up in any permanent positions, rather they will be formatted differently for each show that is brought in, and will also be used on tour and on outdoor festivals and events. However, in the theatre they can be rigged on vertical extension tubes giving us throw distances of about 6-7 metres. We plan to use them for all of our shows, especially the All Military Gathering festival which is a very, very big festival that includes every musician and artist that works for the army all over Vietnam. It happens once every four years where they gather together to perform their regional, traditional and more modern music."

"We are so pleased to be working with Ayrton, and with ProAVL which is a trusted partner. They have provided us



with such a good service, helping us with the installation and training us on everything we need to understand about using these new fixtures."

www.ayrton.eu

Photos © Nguyen Thanh Tuan, ProAVL



LD Systems provides sound for pop-up event for cult brand VANS in Seoul

US shoe manufacturer VANS went underground in the South Korean capital of Seoul. The legendary skate brand organised a two-day pop-up event with a shopping market, skate shows and DJ concerts in an unused underground station. The Korean audio specialists from Sonic Value relied on an extensive LD Systems setup to provide optimum sound reinforcement for all programme items in the challenging acoustic environment.

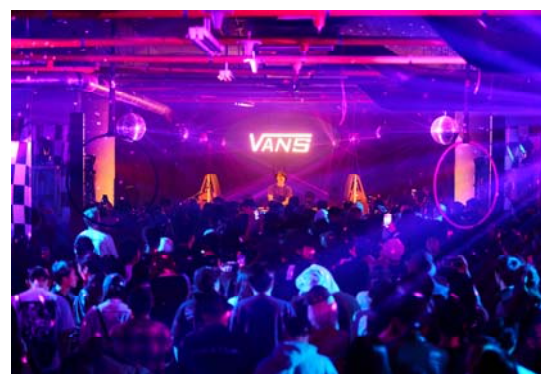
Sonic Value used a double LD Systems MAILA ground stack setup as the main PA for the DJ concerts: MAILA L with two 2x15" MAILA SUB high-performance subwoofers each for the external stereo sound reinforcement and a MAILA M with 2x2 MAILA SUBs as the internal stereo system. "Our aim was to create a natural sound image throughout the room that surrounds the audience," explains Ethan Yoon. For this reason, Sonic Value added surround systems to the sides and rear of the main PA.

In addition to another MAILA S stereo system at the rear, a total of ten CURV 500 array systems, each consisting of a D SAT duplex satellite and an SLA SmartLink adapter, were positioned on

stands at the sides and rear. Two further identical CURV 500 units were used as front fills in front of the DJ stage to provide sound for the front rows of the audience, which were not fully covered by the MAILA main systems.

"With MAILA, we primarily covered the low frequency range evenly for the entire location," adds Inho Cheon, Associate Brand Manager at Sonic Value. The CURV 500s provided support in the mid and high frequencies and, with their precise dispersion behaviour, also ensured an immersive sound image. "We had to adjust the angles of the MAILA satellites several times until we achieved the desired room coverage. The EasySplay mechanism made this easy. With a conventional loudspeaker system, we would probably not have been able to meet the tight time frame."

In addition to the elaborate main sound system, other LD Systems speaker series were used at the VANS pop-up event. A combination of MON 15 A G3 coaxial stage monitors and STINGER SUB 15 A G3 15" bass reflex subwoofers provided powerful monitoring for the DJ stage. The neighbouring market area was a little quieter. The VANS store, whose



entrance was flanked by three MAUI P900 column PAs by Porsche Design Studio, was the busiest.

In front of the DJ booth in the market area, Sonic Value placed two DAVE 18 G4X 2.1 PA systems in a DSP-supported interference-free cluster setup, each with two closely neighbouring satellites on a T-stand above the 18" subwoofers.

Two MAUI 11 G3 column PAs served as the monitoring system for the reception-style DJ booth - one in black, one in white, based on the iconic chequerboard design of the most famous VANS shoes...

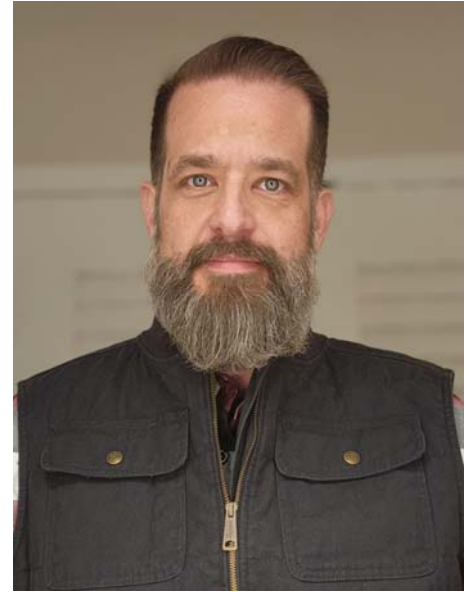
sonicvalue.com

ld-systems.com

Photos © Sonic Value

Scott Kinnebrew joins Ayrton as Global Install Manager

Ayrton is happy to announce the appointment of Scott Kinnebrew to the role of Global Install Manager as part of Ayrton's Global Installs team, with immediate effect. Passionate about lighting from an early age, Kinnebrew has a strong track record of integrating cutting-edge technologies into lighting solutions, focusing his career on innovation and strategic foresight, and positioning himself at the forefront of the digital transformation in the intelligent lighting sector. Kinnebrew's previous roles at industry-leading brands not only pushed the boundaries of technological advancements in intelligent lighting but also garnered recognition and accolades within the industry. His unwavering commitment to excellence and his ability to translate ground-breaking ideas into tangible solutions have established him as a leading figure in the intelligent lighting market. "In my new role I'll be helping others find the right products for environments such as amusement parks, arenas, cruise ships, theatres, stadiums, and other locations and venues," says Kinnebrew. "Illuminating such locations brings a different challenge from the rental and staging world. Shows can run 24 hours a day, have very limited time for support, and be a challenge from a design standpoint, be it fixture access or placement. Ayrton brings a level of product offering second to none which meets those challenges, and I'm proud to represent the company and the innovation that the brand brings to the global marketplace." "We are very excited to welcome Scott to the Ayrton team," says Paul (PJ) Johnson, Ayrton's Global Install Director. "His magnetic personality and wealth of skills and experience will be a great addition to the team."

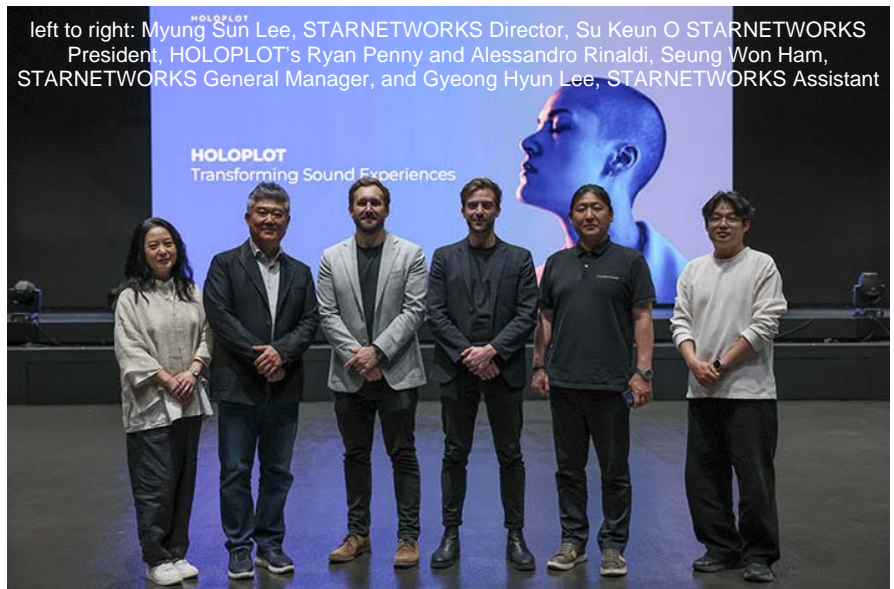


Scott Kinnebrew

www.ayrton.eu

STARNETWORKS becomes the official distributor of HOLOPLOT audio systems in South Korea

Over the past two decades, the STARNETWORKS group has consistently delivered cutting-edge technology and services that exceed their clients' expectations across a diverse range of projects, including concerts, musicals, festivals, as well as national and corporate events, all while crafting soundscapes that captivate audiences. In their pursuit of the finest and most innovative live sound technology, the company has proudly become the official distributor of HOLOPLOT Matrix Array systems in South Korea. This marks HOLOPLOT's first foray into the burgeoning Asian live entertainment market. "We are thrilled to partner with STARNETWORKS and bring the power of HOLOPLOT audio technology to the Asian market," says Ryan Penny, Head of Sales at HOLOPLOT. "As a manufacturer offering a completely new technology, we're partnering with companies that see the difference in our systems and are willing to take a step towards the future. STARNETWORKS has already built a great reputation, South Korea is a market that is both forward thinking and is seeing growth in immersive experiences and we see this as a relationship that will extend that further."



holoplot.com



Friends Of Shiva soars ahead with an impressive inventory upgrade

Staying ahead of the technological curve is a key mantra for success in the intricate realm of live sound and concert production. And one of India's most prominent event equipment rental service providers - Friends Of Shiva – stand as a testament to this adage; as the company continues to assert their business and technological prowess through consistent tech upgrades to their existing world-class inventory.

In recent times, the Kolkata-based ace rental service provider has made a significant enhancement to their digital mixing capabilities with the addition of the current industry favourite DiGiCo Quantum 338 system coupled with the SD-Rack, along with a single unit of the incredibly nimble yet powerful S31 digital mixing console. Additionally; the company has also expanded its already impressive FOH loudspeaker inventory with the acquisition of a brand-new comprehensive PANTHER line array system from Meyer Sound, complete with the powerful 2100-LFC Low-Frequency Control elements. These strategic investments have afforded the company a powerful edge over their peers; as Friends Of Shiva stand proud as the owners of not just the first PANTHER line array system in Eastern India, but also the first DiGiCo Quantum 338 system in the region.





“As a company, our vision for success is deeply rooted in our relentless pursuit of audio perfection. And these strategic investments are a key extension of this ever-evolving pursuit. The fact that we’ve acquired the region’s first Meyer Sound PANTHER line array system, and DiGiCo Quantum 338 + S31 digital mixing consoles exemplifies our commitment to delivering outstanding events by pushing the envelope of sonic excellence through industry leading technologies!” exclaims Kyle Mukherjee, Director of Friends Of Shiva as he speaks about the motivations behind the recent investment, while noting the fact that this strategic move not only underscores their position as an industry leader but also signifies the company’s unwavering commitment to delivering unparalleled audio experiences.

priority for us, since almost every large-scale production that takes place in the region invariably chooses to work with our company as their preferred technical partner. To be honest, the DiGiCo Quantum 338 digital mixing console is, in fact, a true technical powerhouse – with its lavish 128 input channels, 64 busses, and a 24x24 matrix, all operating at a pristine 96kHz sample rate. The console is capable of delivering unrivalled audio quality, versatility, and an array of advanced features like Mustard Processing channel strips, Spice Rack plugin style native FPGA processing options which provides a plethora of effect options, Nodal Processing and True Solo – all of which make it a top choice in the industry. And when you throw the SD-Rack into the mix, what you have is a comprehensive system that offers ultra-

Kyle explains that the company has built a formidable legacy of reinforcing some of the largest and most extravagant event productions in the region; and decision to acquire the Quantum 338 system was fuelled by the need to meet the evolving demands such events. He elaborates, “We’d noted that a majority of all top touring artists and engineers citing the Quantum 338 as their preferred desk to work with. And fulfilling this demand was top

low latency, high-channel-count audio transmission, and seamless integration with diverse stage configurations with the capacity to accommodate a wide range of audio sources – all while assuring uninterrupted reliability.”

Speaking about the acquisition of the new Meyer Sound Panther system, Kyle reveals that this decision was driven by the need to have a truly wholesome and comprehensive world-class sound reinforcement ecosystem, so that the company could assure pristine audio productions for every kind of event. With the new inventory boasting a total of 24 units of the PANTHER Line array modules and 16 units of the 2100-LFC subwoofers, Kyle’s innate understanding of loudspeaker nuances shines through as he notes that the PANTHER and 2100-LFC combination affords Friends Of Shiva remarkable scalability and adaptability to efficiently cater to medium to large-scale event productions.

Furthermore, Kyle asserts that the acquisitions of the digital consoles from DiGiCo and the Meyer Sound PANTHER line array system has expanded the world of possibilities for Friends Of Shiva, as he is confident that the company will undoubtedly be at the forefront of mega productions to grace the region in the times to come.

“What excites me most about the addition of our DiGiCo consoles and the Meyer Sound PANTHER system is how it has positively influenced our ability to seamlessly adapt to diverse venues and event scales. Not only can we efficiently cater to the most intricate and complex production demands with great ease; but we’re also able to extend a greater sense of confidence to our clients to rest assured of enjoying a truly bespoke event experience powered by industry-leading technologies that have set new benchmarks in live sound!” he concludes optimistically.

d&b appoints Marco Baumgärtner as Asia-Pacific Territory Manager

d&b audiotechnik has today announced the appointment of Marco Baumgärtner to the role of Territory Manager for the Asia-Pacific (APAC) region. Baumgärtner has been with d&b since 2017, and previously held the position of Director Corporate Development, based at the company's Head Office. Before joining d&b, Baumgärtner worked in a range of corporate and consulting roles, and brings his extensive experience in the areas of transaction advisory and strategy execution to the region. In the role of Territory Manager APAC, a primary management role for d&b's future operations in the APAC region, Baumgärtner will take responsibility for the company's subsidiary in Singapore as Managing Director and oversee operations across Southeast Asia, South Korea, Australia, New Zealand, and Japan. The appointment of Baumgärtner signifies d&b's commitment to APAC, supporting the growth of significant new business opportunities across both developed and emerging markets.

This enhanced focus on the territory aligns seamlessly with the escalating demand for immersive experiences and the swift adoption of d&b Soundscape across the entire region. Commenting on his promotion, Baumgärtner said: "I am very excited to join our APAC Team and to contribute to the further development of the territory. We have a strong presence in the region, thanks to a highly motivated team that works closely together with our dedicated partners. Together, we will continue to provide uncompromised sound experiences through our market-leading technology."



dbaudio.com

Lightware unveils new brand identity to mark 25 years of AV innovation



LIGHTWARE
 INNOVATIVE. RELIABLE. MADE IN EUROPE.

Lightware Visual Engineering, a leading manufacturer of connectivity solutions for the professional integrated systems market, today announced a significant update to its corporate identity. This rebranding reflects Lightware's commitment to continuous innovation and its evolution over the past 25 years. Lightware's decision to revise its branding and logo was made to better align the company's visual persona with its status as an innovator in the technology sector. The new design retains a connection to Lightware's past while introducing a more modern and streamlined look. This includes an updated colour scheme and a new slogan that highlights Lightware's key values: innovation, reliability and its European origin. Starting as a small Hungarian company, Lightware has grown to become a leading European AV manufacturer. While its operations have expanded globally, the company's development and manufacturing processes remain centered in Budapest, underlined by the "Made in Europe" aspect of its new brand identity. "This rebranding strategy, coupled with the launch of our revolutionary products in 2024, reflects our evolution and ongoing commitment to excellence in the AV industry," commented Gergely Vida, CEO of Lightware Visual Engineering. "Our new identity respects our rich history while boldly stating our readiness to face future challenges and opportunities. With some of these cutting-edge innovations set to be unveiled at ISE in Barcelona, this is an exciting time for Lightware, and we are confident these developments will strongly resonate with our customers and partners around the globe."

lightware.com



Goshen Swara Indonesia makes SHURE there is audio innovation in the original musical "When to Resign?"

In today's era of digitalization, many of us as workers feel pressured and mentally exhausted, a phenomenon known as "burnout." The World Health Organization (WHO) has recognized this issue as a global problem that affects nearly every corner of the world. In response to this phenomenon, an original musical "When to Resign?" was held at the Salihara Theater in Jakarta, Indonesia. Goshen Swara Indonesia, a leading Jakarta-based audio provider supported this event by providing the audio sound system equipment for the musical theater.

This approach was intriguing for Goshen Swara Indonesia as it was the first time they supported an original Musical Theater, unlike previous endeavors that mostly adapted stories from Broadway. In addition to being an original work, the choice of venue for "When to Resign?" also differed from most other musical theaters. The Salihara Theater was selected as the venue, which is the first Black Box

Theater in Indonesia with a capacity of approximately 226 people. Taking into consideration aspects of the venue, mobility, and the comfort of the performers, Goshen Swara Indonesia provided various equipment such as the Shure Axient Digital Digital Wireless Microphone, Shure Antenna Distribution, Axient Spectrum Manager, and mic clip-ons from the Shure Twinplex Series. The Full Set Digital Wireless Microphone System Shure Axient Digital is equipped with a 4-channel receiver, micro transmitter (ADX1M), spectrum manager, and comes with a Diversity Showlink Access Point. The superiority of this system lies in its stable RF capability and clear audio.

With this system, if there are any issues requiring channel changes, transitions can be made seamlessly without having



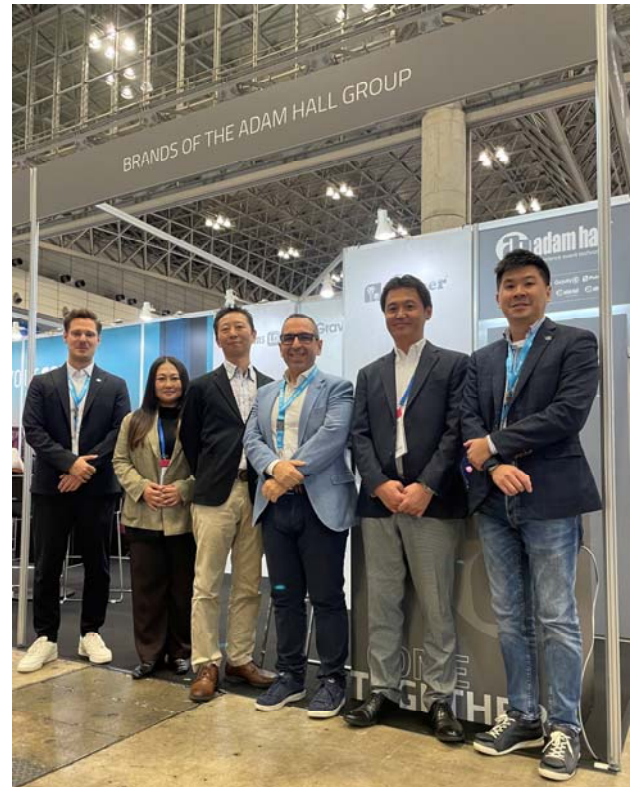
to remove the transmitters already attached to the costumes of the performers. This is made possible because it is equipped with a Diversity Showlink Access Point (AD610). The use of Shure Twinplex mic clip-ons was chosen because they are specifically designed for Broadcast & Theater purposes. Their small size and elastic cable make them very suitable for use.

goshen.co.id
shure.com

Adam Hall Group appoints H. ITO & CO.LTD as exclusive Cameo distribution partner in Japan

The Adam Hall Group is further expanding its global sales network. With H. ITO & CO., LTD from Tokyo, Japan, the event technology provider headquartered in Neu-Anspach, Hesse, has gained a new partner who will take over the exclusive distribution of Adam Hall Group brand Cameo lighting technology solutions in Japan with immediate effect. H. ITO & C.,LTD was founded in Tokyo in 1979 and is one of the most recognised sales and rental providers of professional lighting technology in Japan. In more than 40 years, the company has been able to build up an extensive network of partners and customers as well as constantly expanding its range of services. "We are excited about the new distribution partnership with the Adam Hall Group," comments Akihiko Sato, President of H. ITO & CO.,LTD. "Cameo's solutions cover all professional lighting requirements and give us the opportunity to offer new, innovative products to the Japanese lighting industry." Glenn Lin, Business Development Manager, Asia Pacific: "Japan has a long and extraordinary cultural tradition, which is also expressed in the professional theatre and event market. We are delighted to have found an experienced partner in H. ITO & CO.,LTD and are looking forward to seeing where our Cameo spotlights will be used in the near future."

h-ito.com
cameolight.com



Laserworld Group and PRO LAB Trading announce partnership in the Middle East

The Laserworld Group and PRO LAB Trading LLC, one of the region's largest distribution companies for entertainment technology, have announced a new partnership to distribute laser systems in the Middle East. PRO LAB has a well-established distribution structure all over the region, perfectly matching the broad portfolio of laser systems manufactured by the Laserworld Group – from entry-level effects to high-end quality lasers. "It is great that we found such a strong, well-respected partner in the Middle East region, with offices in many countries with highly trained staff", states Denis Phoenix, Sales Director of Laserworld. "It will be a great benefit to have a good stock holding in the region for quicker delivery and support for our customers. PRO LAB has a proven track record in the region, and our products perfectly complement their range of distributed products." PRO LAB Trading LLC exclusively takes on the distribution for the Laserworld and tarm branded laser systems as well as for the ShowNET and Showcontroller products. They become the preferred partner for the high-end laser systems of RTI and LaserAnimation Sollinger. "We are looking forward to a great partnership", states Rony Dagher, COO of PRO LAB Trading LLC. "The products of the Laserworld Group give us a complete portfolio of different laser systems we can specifically choose from for projects and customer requests. The partnership gives us the flexibility and opportunities we need for our growing markets in the Middle East region".



laserworld.com

prolabllc.com

Barco partners with Unitech Computer to expand visualization solution footprint in Taiwan

Barco, a global leader in visualization technology, announces a new strategic partnership with Unitech Computer Co., Ltd, a leading national distributor. This appointment will elevate Unitech as an official agent for Barco's range of projection and image processing solutions in the country. Unitech will also be the exclusive distributor of the G50 projectors.

Unitech Computer, a leading distributor of IT products and services in Taiwan, has never stopped expanding the markets to meet the needs of their clients. With its recently established business, Unitech Computer has ventured into the ProAV field, leveraging the company's expertise in information technology to provide clients with a wider range of products and services. Barco's range of ProAV solutions including installation projectors and image processing will enrich Unitech's existing portfolio and offer partners and end-users a range of advanced projection solutions for any application.

On top of being the national distributor for Barco's range of projection and image processing solutions, Unitech Computer is also the exclusive distributor of Barco's G50 smart projector series in Taiwan. The company's professional services will complement Barco's commitment to deliver high-quality visualization solutions that meet the needs of the domestic market. As a professional distributor in the ProAV market, Unitech Computer will meticulously design the best possible visual experience for users with Barco's equipment.

"This partnership signifies a key milestone for us in expanding Barco's footprint in Taiwan's visualization landscape and strengthen our long-term growth strategy in this region," said Jasline Tay, Asia-Pacific Regional



Jasline Tay (Asia Pacific Regional Sales Head, Immersive Experiences at Barco) and Andy Chueh (Vice President, Unitech Computer)



G50

Sales Head Immersive Experiences at Barco. She added: "We are pleased to team up with Unitech to bring our advanced range of ProAV solutions to more end-users and partners. Museums, retailers, theme parks, corporates and education institutions

across Taiwan will have greater access to our best-in-class technology to enhance and transform visual experiences for their customers."

barco.com
unitech.com.tw

Fulcrum Acoustic names Aligned AV as distributor for Vietnam

Fulcrum Acoustic, a leading US-based professional loudspeaker brand, has appointed Aligned AV as their distribution partner in Vietnam. Based in Ho Chi Minh city, Aligned AV, specializes in delivering AV products, software, and solutions to commercial and corporate clients. Val Gilbert, Director of Business Development for Export at Fulcrum Acoustic, expressed his enthusiasm stating, "Expanding into the APAC region is a strategic goal for Fulcrum Acoustic, and Vietnam holds immense potential for us. Our goal is to bolster support for our existing customers in the country while opening doors for new opportunities. We are thrilled to collaborate with Aligned AV, a company that shares our dedication to innovation and customer-centric solutions. This partnership aligns with our mission to deliver exceptional audio solutions on a global scale." In response, Ms Thu Ta, Director of Aligned AV, conveyed her excitement about this collaboration, saying, "We are honored to work alongside Fulcrum Acoustic, a company known for its innovative audio technologies. This partnership reflects our commitment to providing high-quality products and comprehensive customer support. Beyond distributing Fulcrum Acoustic's full line of products in Vietnam, we are dedicated to offering our customers the highest level of product knowledge, technical assistance, and training programs. We anticipate a successful and mutually beneficial relationship."



fulcrum-acoustic.com

Unveiling the H. T. Parekh Legacy Centre in Mumbai with Focused Audio

The HDFC Ltd and H. T. Parekh Foundation proudly announced the grand opening of the H. T. Parekh Legacy Centre located on the 4th floor of HDFC's corporate headquarters at Ramon House, Churchgate, Mumbai. Audiovisual elements played a pivotal role in enhancing the visitor experience at the Legacy Centre. Abhishek Ray of Matrika Design Collaborative was tasked with providing a contained audio solution for the walk-through gallery, allowing visitors to immerse themselves in personal interviews and audio content featuring Mr. H. T. Parekh and the dedicated team behind HDFC's inception. After careful consideration, SoundTube was selected for its aesthetic appeal and comprehensive package, aligning perfectly with the project's requirements. Blitzkrieg Systems collaborated to design and supply the audio-video equipment, selecting SoundTube's Focus Point FP6020-II with SA202-RDT-II Amplifiers and HDMI Matrix switches for AV signal routing. The contained audio solution featured: FP6020-II Focus Point parabolas powered by SA202-RDT-II Mini stereo amplifiers; Two Focus Point pods equipped with LED and motion-sensing modules; Samsung commercial displays placed throughout the venue; Alfatron Electronics matrix switches employing HDBaseT technology to transmit Ultra HD AV signals over long distances; Precise planning ensured that each Focal Point FP6020-II loudspeaker was installed not more than 7.5 feet from the floor level, optimizing sound containment, and floor rugs placed under each Focus Point pod to minimize sound reflections and maximize audio directivity.





Yokohama's K Arena receives K Series treatment

The K Arena, one of the world's largest purpose-built music venues, opened on the waterfront bay of Minato Mirai in Yokohama city, Japan. To cover the arena's fan shaped, four-tiered, seven-level audience area, the K Arena management team sought out a best-in-class speaker system that would respond to a variety of technical production briefs and deliver high-quality, powerful sound to each of the 20,000 seats. The cavernous arena is equipped with sound-absorbing materials hung from the maintenance deck on the ceiling to reduce reverberation time. Further insulation materials spread around the arena minimise sound leakage beyond the arena walls.

K Arena's management leaned on the entertainment technology expertise of Sony Marketing Co., Ltd. to deliver on-stage equipment, visual display units, lighting configurations and sound system integration to the arena. Sony Marketing Co., Ltd. sought the expertise of L-Acoustics Certified Rental Agent Hibino Sound to help design the optimal system. Hiroshi Inoue, Manager of Hibino Sound Div., System Technology Department praises L-Acoustics for its robust ecosystem of

hardware and software. He especially appreciates Soundvision 3D modelling software, which "allowed us to know the impact of our sound design on each of the audience seating zones."

These tools proved invaluable to the Hibino Sound team as they integrated their proposed system design, which features main left-right hangs of 16 L-Acoustics K1 boxes per side over four K2 down, with 12 KS28 subwoofers flown beside each array and a single centre array of six Kara II for centre-fill.

Twenty further K2 per side provide out-fill to the wide fan-shaped audience area. Two delay rings send sound to the upper tiers and back rows: the first consisting of six arrays of four K2 and the second including eight arrays of four K3 each. Two left/right arrays of five Kiva II topped by two SB15m provide side-fill to the balconies. Eight KS28 and 20 Kiva II are on hand as a mobile system when needed and are most often used for ground-stacked rumble and front-fill, respectively.

A total of 86 units of LA12X amplified controllers drive the combined system of over 200 L-Acoustics speakers, with six P1 processors, four of them installed



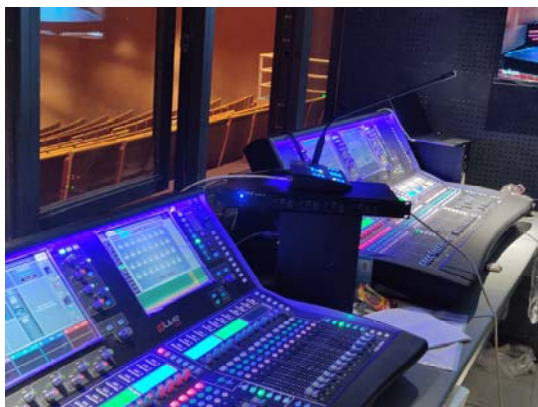
and two portable, receiving audio control signals over Milan AVB, with a backup via an analogue line from a device network control room.

l-acoustics.com
hibino.co.jp

Allen & Heath at Pingtan International Performing Arts Center Theater

Located north-east of Jinjing Bay, in the Pingtan Comprehensive Experimental Area of the Fujian Province, is Pingtan International Performing Arts Centre. When Chinese AV solutions provider EZPro was handed responsibility to supply the sound reinforcement system for the theatre, reliability and versatility were high on the list of criteria to maintain peak performance throughout the year with minimal downtime, plus the ability to meet the demands of different types of

performance. EZPro opted on installing a dLive S7000 Surface as the main, and a dLive C3500 as the backup. A DM64 MixRack in the control room, connected to the S7000 via the integrated gigaACE port, handles audio processing with a gigaACE audio networking card installed for connection to the backup C3500 Surface. To provide additional analogue I/O which could be relocated throughout the venue, a DX32 Modular Expander was deployed, equipped with 3 analog input cards to provide 24 more analogue inputs to the system. Elsewhere in the building there were third-party MADI devices that needed to be on the same audio network. To accommodate these devices, EZPro fitted a SuperMADI audio networking card to the S7000 to deliver 128 channels of MADI I/O at 96kHz with highly flexible routing options. EZPro also utilised a compact IP8 Controller to allow for tactile remote control of levels away from the main mixing position.



allen-heath.com

Brompton Technology empowers South Korea's VIVE STUDIOS

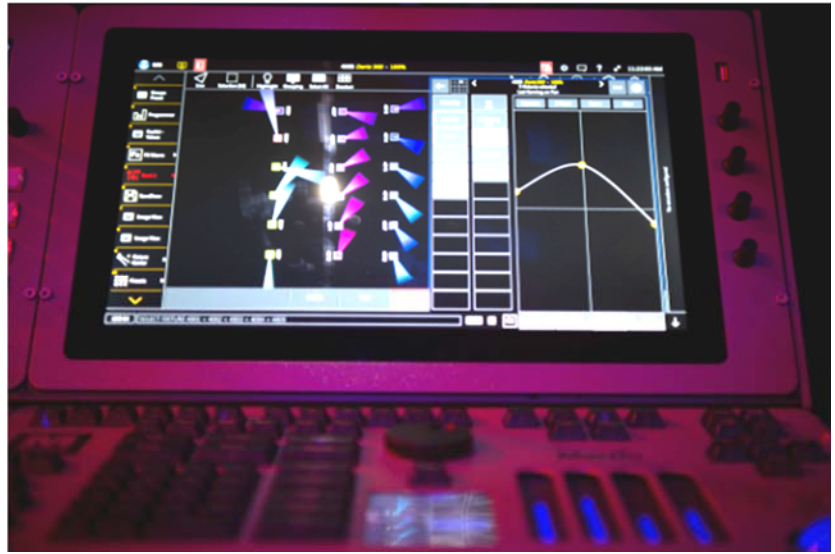
Situated in the vibrant, eclectic, and ever-evolving metropolis of Seoul, VIVE STUDIOS specialises in visual AI-based metaverse content, leveraging cutting-edge technologies to shape the future of virtual production, virtual humans, hyper-realistic immersive content, and CGI. Part of its innovative offering is a state-of-the-art 1,200sqm Virtual Production facility featuring a large LED wall powered by industry 'gold-standard' Brompton Technology LED processing. The curved LED wall measures an impressive 27m by 7m and comprises AOTO RM2.3 LED panels. The studio team utilises eight 4K Tessera SX40 LED processors and 12 Tessera XD 10G data distribution units to power this complex LED setup. Recently, the VIVE STUDIOS team added three more Tessera XD

10G data distribution units to their product roster, offering seamless integration with the Tessera SX40 LED processors to deliver a flexible, sophisticated single-box solution to deal with challenges associated with large LED display systems.



bromptontech.com

Elation's Koy Neminathan transitions to Obsidian Control Systems



Lighting industry professional Koy Neminathan, who joined Elation as Director of Business Development in May of 2023, has now transitioned to a business development position with Obsidian Control Systems, the company's fast growing lighting control brand.

Koy is now wholly focusing on the Obsidian range of lighting control and data distribution products. "As the company continues to invest in Obsidian, I find myself naturally gravitating towards control and I see huge potential for ONYX and NETRON," he commented. "I want to use my experience and knowledge to expand the global presence for the brand, ensuring that Obsidian is represented by the best distributors around the world and becomes synonymous within all segments of our market."

Before joining Elation, the accomplished industry veteran served as Sales Director at lighting console manufacturer Avolites, where he worked for over 23 years in sales and business development. His extensive experience in growing and managing a large distributor network will benefit Obsidian well, and his strong relationships and global market knowledge is poised to contribute greatly to Obsidian's continued growth. His strategic approach to expanding

distribution networks, coupled with a proven track record of driving growth, provides a solid foundation for training, support, and sales.

"As we grow our training and awareness programme around the world, Obsidian's userbase will rise, capturing well-respected designers to up-coming talented operators. The brand already holds its own in install and system integration, however, as we grow our product portfolio and software

features, I can see great potential in other segments," Koy commented.

Koy is well underway to laying a foundation for success, having already initiated Obsidian Train the Trainer sessions designed to springboard an Obsidian awareness campaign and instruct distributors on the specifics of the intuitive ONYX lighting control platform.

obsidiancontrol.com



Prism Sound sees red to beat the counterfeiters



Audio interface specialist Prism Sound is fighting back against counterfeiters who have been copying its award-winning products by launching special edition units with distinctive red front panels. These unique converters are only available in China – and only through the company’s official distributor, Digital Media Technology Co. Ltd (DMT) www.dmtpro.com. “We are taking this action because we want audio professionals in China to have a quick and easy way of recognising legitimate products so they can avoid being fooled by inferior fake ones,” says Prism Sound’s CEO James Woodburn. “It was hugely disappointing to find counterfeit Lyra audio interfaces on sale in the Far East and we are determined to stamp out this illegal trade – not just because it is very damaging for our brand and reputation, but also because it is unfair on our loyal customer base. Our customers choose Prism Sound interfaces for their audio quality, reliability and build quality, characteristics that are all absent in these fake units.” Prism Sound’s Lyra 2 and Callia interfaces will both be given the new red livery and will be available immediately through DMT. Clement Choi, Managing Director of DMT, says: “Prism Sound is making every effort to stop the counterfeiters and we are giving them our full support. Since discovering illegal units on sale in the Far East, Prims Sound’s technical team have been examining them thoroughly and have run numerous tests that indicate just how substandard the fakes are. Prism Sound and DMT have established a customer feedback channel. Anyone who has concerns about the authenticity of a Prism Sound product can email prismsound@dmtpro.com for guidance on how to distinguish a real unit from a fake one. This approach has already helped several customers successfully defend their rights.

Kramer AV raises the bar for immersive 4K sports entertainment inside the ‘world famous’ Norman Hotel with ‘transformational’ TV system upgrade

Kramer, the leading audio-visual experience company, is delighted to announce its range of advanced range of network-based hardware and remote management software solutions have been selected to bring transformational TV viewing and audio experiences to bar areas in the historic Norman Hotel in Woolloongabba, Brisbane. As part of a major system upgrade, the Norman Hotel’s management team sought a new, highly flexible video and audio solution that would provide site-wide reliability, seamless and effortless control, and 4K UHD picture performance, all while retaining its existing fleet of TVs. To bring these ambitions to life, the hotel teamed up with experienced local integration specialists, SDC Solutions and Smart Home Programming and Automation. Working with Kramer’s Australia team throughout, the Kramer VS-1616DN-EM multi-format digital matrix switcher was chosen to upgrade video performance from SD to HD on all 12 large screens. As part of the new upgrade, all management of each TV, is controlled using installed (fixed) Kramer’s powerful KT-1010, 10” IPS, multi-touch panel displays, which have been strategically placed and installed on walls and shelves around the staff areas of the bar. The days of searching for a single iPad are over.





JDC1s help bring large LED structure to life at Melbourne's four-day event

Now or Never is the name of a new festival created by the city of Melbourne. This inaugural event – recently held across the city, including several events at the iconic Royal Exhibition Building in Melbourne – saw Gig Control Australia transform the heritage-listed building, designing a spectacular sound, lighting and video infrastructure. The creative company once again partnered with Novatech Creative Event Technology, which was contracted to take care of technical supply for the five separate events held over four days. This was to ensure continuity and close integration, due to the challenging nature of the venue itself.

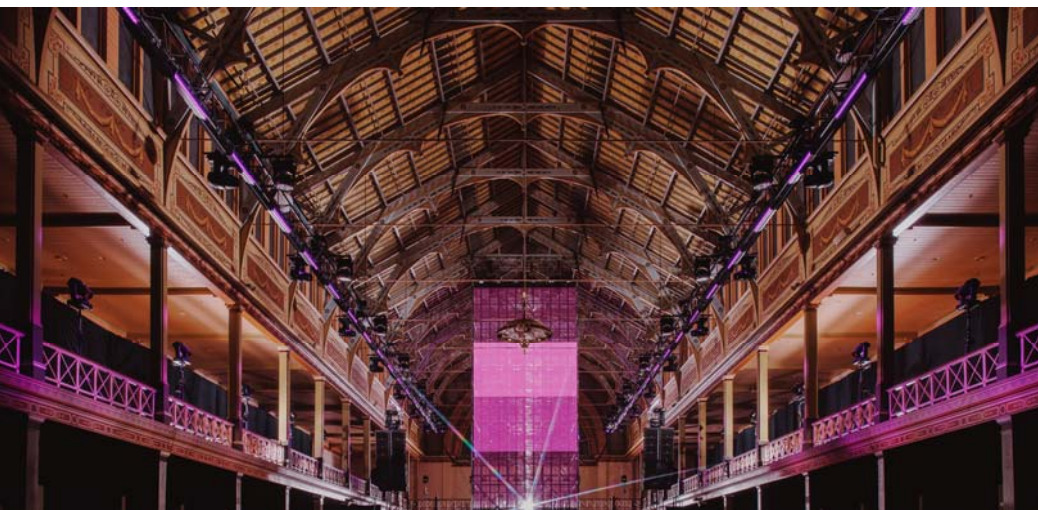
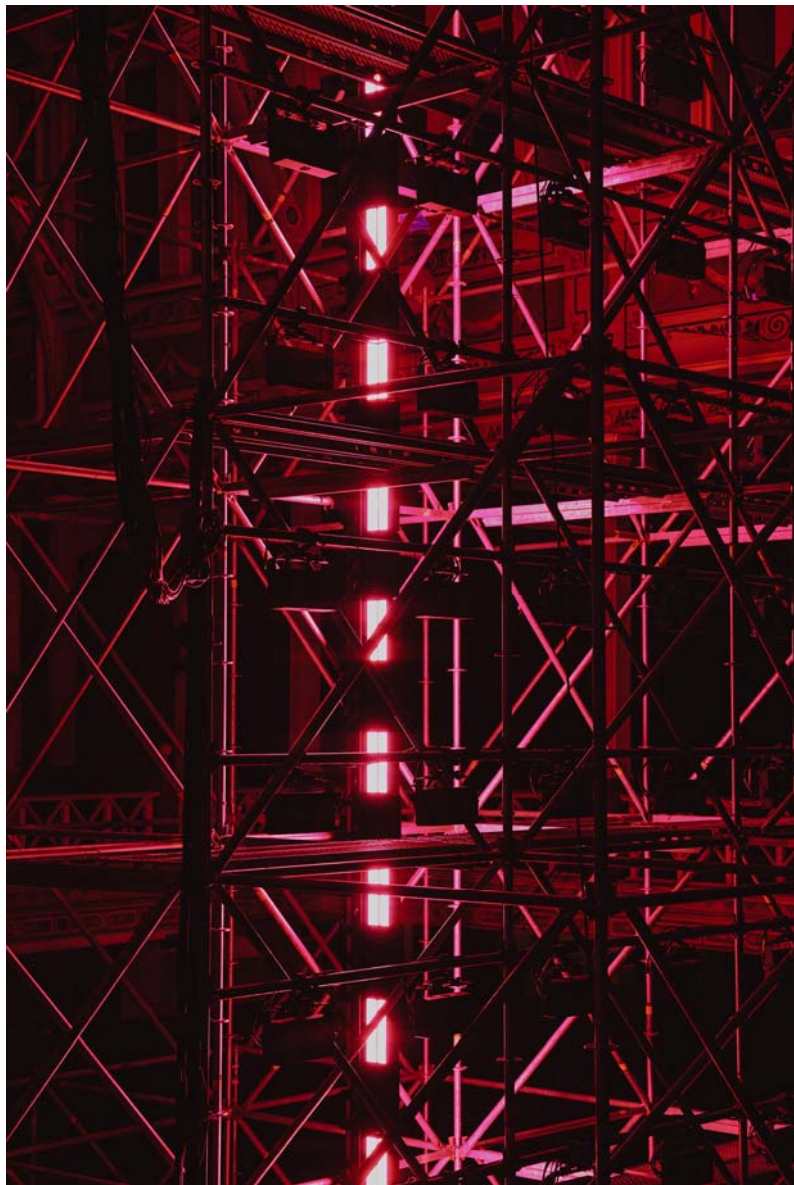
Aside from the entrance the visual highlight was the main zone, where a 16m-high LED structure backed the main stage. This was brought to life by 39 GLP JDC1 hybrid strobes, set in one continuous vertical 16m line to create a 'spine' behind the 6m-wide, 16m-high transparent LED wall. These strobes

formed part of a larger GLP inventory specified by LD Nathan Aveling from Gig Control Australia.

According to Novatech managing director Leko Novakovic, this design concept enabled a backdrop offering

either full vision, partial vision and various lighting effects, including the JDC1s, to shine through the LED screen at various times. "They were pixel mapped and complemented the content on screen and often stood alone as an effect in the centre, or





alternatively combined with the other 96 blinders behind the LED screen,” he says. “The three layers – screen, blinders and JDC1s – were used to give depth to the looks achievable on the stage.” All fixtures were configured in single pixel mode to give smooth fades and flexibility of effects for programming by Aveling.

In addition, down each side of the room – and set out from the stage – was a 33m-long truss that was covered, end to end, with 33 GLP impression Bar 20s in a continuous line on each side.

“These truss lines also supported other lighting fixtures, with the X4 Bar 20s suspended from the bottom of the truss

for spectacular effects, both front-to-back and side-to-side,” continues Novakovic, “thanks to the moving yoke.”

Novatech is a long-term supplier of a wide range of GLP solutions, and the fixtures deployed acquitted themselves flawlessly throughout the four days, confirms Leko Novakovic. “It was an absolute success,” he says. “It was monumental to witness Melbourne’s iconic building filled with the sounds of live music for the first time in over two decades. Across all the incredible shows, the familiar walls transformed into a theatre of audio and visual sensations. It enabled stunning visuals, delivering many different looks for each of the artists.”

glp.de

Photos © Duncan Jacob (Duncographic)

LSC brings rock-solid performance to Dubai

Technology from LSC Control Systems is at the centre of the dimming and power distribution installations at two of Dubai's latest and most desirable fine-dining experiences. Specified and installed by Loud DXB for Solutions Leisure Group, the APS (Advanced Power System) and GEN VI systems from the Australian manufacturer provide both quality of performance and peace of mind for client and supplier alike. At Dubai's new En Fuego restaurant at the The Palm Dubai's Atlantis resort, Loud specified both an APS configurable power system and GEN VI intelligent dimming/direct power system from LSC Control Systems.

Meanwhile, for another of Solutions Leisure's latest attractions, the Asia Asia restaurant and lounge sited on Dubai's stunning Business Bay, they again specified LSC's GEN VI system. As

Loud's Lighting Designer and Consultant for the project, Ben M Rogers explains, these are not simple eateries, but full-on entertainment environments. "The aim is to craft an engaging narrative that delivers an outstanding and memorable guest experience," he says, "so the décor, lighting and styling need to match up to the food and drink on offer. We work to ensure the environment is dynamically lit to adjust to the daily operational needs, often transforming from a high-end dining experience into a late-night party and show venue."



lsccontrol.com.au

Christie Griffyn Series powers son et lumière at Sri Krishna Janmabhoomi Temple in Mathura

Christie® is pleased to announce that its Griffyn Series RGB pure laser projectors are illuminating the façade of the Sri Krishna Janmabhoomi Temple for a spectacular son et lumière that pays homage to the timeless legends of Lord Krishna. The nightly 40-minute light and sound show was inaugurated by Agra's chief minister, Yogi Adityanath. This mesmerizing presentation was accomplished by eight Christie Griffyn 4K32-RGB pure laser projectors, meticulously installed and commissioned by Modern Stage Service, a renowned systems integrator recognized for numerous projection mapping projects across India. "Bringing the legend of Lord Krishna to life through the captivating fusion of light and sound has been an incredible journey," said Kartik Wadhwa, director of Modern Stage Service. "We are delighted to partner with Christie to strategically deploy the Griffyn Series projectors in weatherproof enclosures at the Sri Krishna Janmabhoomi Temple for this highly anticipated son et lumière, which reaffirms our commitment to delivering awe-inspiring visual experiences at one of India's most cherished landmarks."



christiedigital.com

Photo © Modern Stage Service



Olympic Esports Week wows gamers with L-ISA Spatial Audio from J5 Productions

Created by the International Olympic Committee (IOC) in collaboration with various international sports federations and video game publishers, the first-ever Olympic Esports Week was hosted in Singapore's Suntec Convention & Exhibition Centre.

With varying content throughout the program, the Olympic Esports Week posed a challenge to the audio team. As is traditional in any Olympic event, the competition was bookended by opening and closing ceremonies. Yet, unlike most Olympic events, these ceremonies were presented in L-ISA Immersive Hyperreal Sound.

Presplay, Singapore's live event and theatre company, led the creative production. Presplay turned to sound designer Jeffrey Yue of Ctrl Fre@k to create the sonic atmosphere. A technical brief from Presplay Creative Director Beatrice Chia-Richmond showed Yue that the event would challenge optimum sound design.

"The stage design included three massive LED screens stretching across the entire width of the main stage. My sound system design needed to complement these elements without interfering with audience sightline," he explains.

Yue proposed a system design that featured a main scene system of five hangs of one L Acoustics A15 Focus and Wide each, with four KS21 subwoofers flown in the centre. Nine L-Acoustics X12 boxes surrounded the audience seating area for a 360-degree immersive audio experience. J5 Productions provided and implemented the entire system.



Yue needed to be ready for a narrow window of rehearsal time on site, so he worked closely with the creative team, preparing content using L-ISA Studio on his laptop, then brought his mixes to the L-ISA Auditoria at Concept Systems, an L-Acoustics Certified Provider Distributor in Singapore.

l-acoustics.com
ctrlfreak.sg
presplay.sg



25, 26
JUNE

10.00 - 18.00

ANNEXE STUDIO
ESPLANADE
SINGAPORE

EDUCATION CONVENTION 2024

LIVE EVENTS & TECHNICAL PRODUCTION TECHNOLOGIES FOR THE ASEAN REGION

SEMINARS & LIVE PRODUCT DEMONSTRATIONS

FUNKTION-ONE LIVE LOUDSPEAKER DEMONSTRATION BY REBEL AV (25 & 26 JUNE)

RIGGING SAFE, RIGGING RIGHT FOR LIVE EVENTS BY ROY LEE (25 & 26 JUNE)

NETWORK SYSTEMS, WHAT IS NETWORKING? BY MA LIGHTING (25 & 26 JUNE)

MUSICIAN MONITORING BY DANIEL LOH (25 JUNE)

For more details:

Theodulus C. Raman (Sales) +65 96307811

Matthew Roy Lee (Technical) +65 94891772



Media Partners



AMX HydraPort®

Architectural Connectivity Modules for USB-C to HDMI Retractable Cable Connections and USB-C Charging

HARMAN Professional Solutions, the global leader in audio, lighting, video and control systems, announced three new AMX HydraPort USB-C modules to ensure that modern conference spaces and users have all the connectivity options needed to empower impactful meeting space collaboration. A new USB-C to HDMI Module with Retractable Cable provides a dedicated video connection for outputting content from laptops and mobile devices to in-room video networks. Additionally, two new USB-C charging modules are available – with or without an included power supply.

No matter what type of A/V, power, or networking connection you need to support today's meeting space collaboration needs, the industry-leading and award-winning AMX HydraPort Architectural Connectivity System most likely supports it with a variety of chassis sizes, finishes, and over 50 global-friendly modules to choose from.

The new USB-C to HDMI Module with Retractable Cable delivers digital video in resolutions up to 4K@60Hz. With a retractable USB-C cable on top of the table and an HDMI output underneath it, this solution simplifies connecting modern laptops and mobile devices to your video network. The compact, easy-to-install solution organizes and hides cables in virtually any type of conference table, including narrow tables and those with glass inlay.

The two new USB-C charging modules provide both USB-C and USB-A connections with charging capability to the HydraPort chassis. The power symbol on the modules makes it easy for users to identify that power is available.



The HPX-USBC-US65 includes a two-port power supply with US-style, Type A plug, capable of providing up to 65W over USB-C, and up to 30W over USB-A.

The HPX-USBC-100 provides all the functionality of the HPX-USBC-US65 but does not include a power supply and can be combined with a user-supplied power supply, compatible with any global power plug standard.



Click this link for more information at www.amx.com/products/hpx-av103-usbc-r

BSS Audio Soundweb OMNI

Open Architecture Digital Signal Processors,
I/O Expansion Devices and AVX Software

HARMAN Professional Solutions, the global leader in audio, lighting, video and control systems, announced its new BSS Soundweb OMNI Series - the next generation in open architecture digital signal processing.

Featuring the most powerful processor ever from BSS, Soundweb OMNI caters to the diverse needs of hospitality, large venues, corporate, education and government installations. The Soundweb OMNI family combines enterprise-grade processors, flexible I/O expanders, Dante/AES67 networked audio, an onboard scripting developed by AMX, and a vast library of processing objects, including media playback, AEC, VoIP, and more.

The platform is seamlessly managed through AVX Architect and AVX Control, an all-new software suite, built from the ground up to support the latest installed products from HARMAN Professional starting with BSS Soundweb OMNI, ushering in a new era of installed AV software at HARMAN.

Soundweb OMNI is designed to meet the specific requirements of AV system designers, integrators, and end users, while removing the pain points often found in traditional system design. It combines purpose-built hardware with intuitive software that offers the flexibility of centralized or distributed DSP, allowing system designers to choose the appropriate topology for any installation.

BSS's commitment to supporting control system programmers is reinforced through the introduction of HControl, a human-readable, standards-based, and developer-friendly API.



Soundweb OMNI also supports both 48kHz and 96kHz processing, exemplifying BSS's commitment to audio fidelity.

Soundweb OMNI features two flagship processing devices, the 512p and 256p, which deliver exceptional DSP power and high Dante/AES67 channel counts, up to 512x512 at 96kHz. This surpasses previous generations and positions Soundweb OMNI to effortlessly meet today's complex demands while remaining future-ready for tomorrow's AV/IT needs.

Soundweb OMNI also offers two I/O expansion devices, the 32e and 16e, which provide unparalleled I/O flexibility. Each audio I/O port is "format configurable" as either analog or stereo AES3 digital. Furthermore, certain audio I/O ports and all GPIO ports are "direction configurable" as either inputs or outputs - all easily managed through software on an individual port basis.

The AVX software suite streamlines the configuration, control, and monitoring of Soundweb OMNI systems through two user-friendly applications. AVX Architect is a desktop software app for system diagramming, device configuration, network management, and custom UI design. AVX Architect allows users to add an unlimited number of processors and expanders to a single project file, while still enjoying the simplicity of a true, single canvas for device configuration.

AVX Control is a lightweight software app, which provides easy access to custom UIs for controlling and monitoring devices across a multitude of platforms, including Windows, iOS, Android, and AMX Varia touch panels. These custom UIs work not only with Soundweb OMNI devices, but also Crown DCi amplifiers and previous generation Soundweb London devices, thanks to protocol-bridging technology developed by AMX.



Click this link for more information at https://bssaudio.com/product_families/soundweb-omni

KV2 introduces Control & Diagnostics Tool



For years people have enjoyed the superior audio quality of KV2's Super analogue amplifiers, however for certain applications where control was needed, they were forced to use other third party products, relying on basic digital electronics and DSP to give some control, which unfortunately also affected the sound.

Now, in another industry first from KV2 we are able to offer the highest quality Super Analogue engineering, with the added convenience of digital control and diagnostics.

Our new "D series" amplifiers give you the option to set up Gain, operate mutes, configure the limiters, or select filter, EQ and bridge modes depending on the model. Whilst the diagnostics section will give you information on the temperature of heatsinks, mains voltage, real time health checking and the output levels relative to limiting. With our new KV2 Control & Diagnostics Tool you can also set all your amplifiers individually or as a group including saving and recalling presets or show files.

Featured Amplifiers with built-in KV2 Control & Diagnostics Tool

- **ESP2000D**
- **ESR2600D / ESR2800D / ESR3000D**
- **SL3000D**
- **VHD3200D**

Overview of the main features

1. Redundant powering via PoE (power over ethernet)
2. Separate 32bit ARM diagnostics CPU core (independent of amplifier)
3. Independent diagnostic network inside amplifier for sensors / control
4. Rugged FRAM (Ferroelectric Random Access Memory) for configuration storage

Networking

- Industry standard 100Mbit Ethernet connection with PoE (Neutik etherCON)
- IPv4 addressing with options for static address, DHCP client or AutoIP
- mDNS advertisement for network discovery
- Web based administrative interface for IP and identification setting with online sensor data display for fast setup
- KV2 diagnostic software as system management tool for easy remote diagnostic and control for venues where large number of amplifiers are used
- Support for Windows PC (MacOS or Linux versions on request)
- SNMPv2 (Simple Network Management Protocol)
- standard diagnostic service for integration in existing systems



Sensors

- Temperature of heatsinks
- Overheat protection indication
- Mains voltage sensing for each mains connection
- Power good for each amplifier module (sensing all power rails)
- PoE presence detection
- Input signal indication
- Output voltage and current sensing with approximate average impedance and power calculation, speaker detection
- Realtime health checking – sensing equality of output signal to input
- RMS limiter activity indication

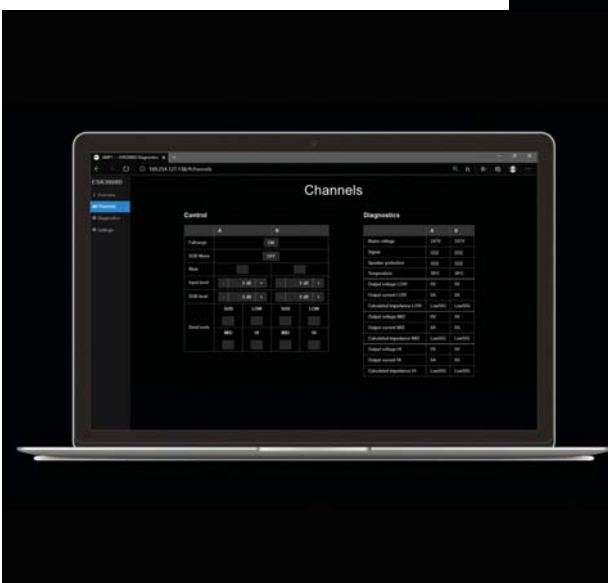
Controls

- Mute
- Gain / Volume – high definition precision digitally controlled analog
- Configurable RMS limiter functionality

Remote control of specific functions of the amplifier (depending on the model)

- Bridge mode
- Full range mode
- LPF/HPF filters, specific EQ

Configurable via the front panel or remotely using our new Control and Diagnostics software, you can now have Superior Sound with total control.



Click this link for more information www.kv2audio.com/news/kv2-introduces-control-a-diagnostics-tool.html

Robe iBeam 350™

Bigger, bolder, brighter, and now weatherproof!

Joining the Robe iSeries, the IP65-rated iBeam 350™ retains all the qualities and features of its highly successful indoor brother, the LEDBeam 350™. Our groundbreaking, self-managing, low-maintenance ingress protection technology allows outdoor use of this classic indoor wash fixture by removing the threat of rain, dust, humidity, smoke or haze damage, even in the harshest conditions.

As with other fixtures in the iSeries they maintain an identical DMX map, similar footprint, and minimal weight difference the iBeam 350™ and LEDBeam 350™ can be used within the same lighting rig!

The onboard patented RAINSTM (Robe Automatic Ingress Neutralization System) manages humidity, temperature and pressure control. This active monitoring system automatically removes any moisture detected within the fixture, providing constant monitoring to ensure peak performance.

Outdoor fixtures need to operate in extreme cold. iBeam 350™ contains an innovative POLAR+™ technology - a special standby mode with low power consumption, in which the fixture's sensors and communications channels remain active. When activated, POLAR+™ automatically maintains an internal temperature level, giving instant operability down to minus 50 degrees centigrade! The iBeam 350™ runs a self pressure test and sensors automatically log when a cover was removed and replaced. This self-test, taking under 3 minutes, provides an error message if gaskets and covers were not replaced correctly or locking screws tightened, ensuring maximum protection. Their lightweight aluminium alloy structure provides a dust-free environment for the optics.



Light source

12x 40 W RGBW LED multichips



Light output

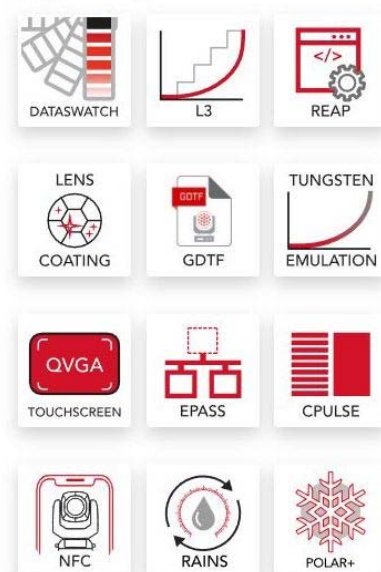
7.800 lm, 31.500 lx @ 5 m



Zoom range

3.8° - 52°

For quick programming, our DataSwatch™ onboard colour library contains 66 premixed colours and tones, including whites, for fast, reliable colour selection. Robe's advanced L3™ dimming software takes care of imperceptible fades to black.



Click this link for more information at www.robe.cz/ibeam-350

Claypaky HY B-Eye K15 Aqua

The newest member of the IP66 Shield family

The HY B-Eye K15 Aqua represents a significant upgrade over the latest HY B-Eye K15, setting new standards in innovation and lighting while also ensuring unmatched IP66 protection.

At its heart, it features an original optical unit that enhances both uniformity and light output efficiency.

The rotating front lens and individual LED control unleash a mesmerizing world of kaleidoscopic projections and captivating eye-candy effects. This innovation simplifies complex macro effects, making it an all-in-one lighting solution: it's a high-performance LED wash light, a flawless beam light, and a jaw-dropping visual effect projector – all in a single fixture.

With a 40W RGBW LED engine, it delivers unbeatable power, ensuring a brilliant display, even on the largest venues. HY B-EYE K15 Aqua is more powerful, efficient, intelligent, versatile, and weatherized than ever!

Discover the HY B-EYE K15 Aqua, where power, precision, and performance unite to craft unforgettable lighting experiences, regardless of the weather.



Light Source

19 x RGBW LED driven at 40W



Zoom range

4°-60°



Effects

Three operating modes: wash, beam, FX (Kaleido effects); Bi-directional Rotating Front Lens; Digital Wash-Beam Framing effect; Beam edge softening control (in Wash mode); Pixel Patterning Macros with enhanced control; White CT Emulation 2500-8000K; Automatic adjustment of RGBW mixing to simulate light sources with color temperatures; Tungsten Lamp Emulation; Control of each single LED (Pixel Mapping)



Click this link for more information at www.claypaky.com

Cameo OTOS® WASH



The Future Starts at PLS 2024 – the ORON H2 is a pioneering IP65 hybrid moving head based on a 260W phosphor laser engine and impresses with its enormous light output of 260,000 lux at a distance of 20 metres and an extremely narrow minimum beam angle of 0.6°. Nevertheless, the ORON H2 can also be used for spot applications and other lighting tasks thanks to its zoom range of 0.6°-32°. With 19 fixed and 12 rotating gobos, linear CTO, two prism levels and CTO colour mixing, this laser moving head leaves nothing to be desired creatively. For safe transport, Cameo supplies the ORON H2 with a special touring case insert to protect it from knocks. (Note from the manufacturer: all data for ORON H2 are preliminary.)

cameolight.com

Cameo AZOR® W2

The compact AZOR W2 combines seven individually controllable 40 W RGBL LEDs, 3,600 lumens total output and a zoom range of 4°-50° for classic wash looks - and more! The special feature of the AZOR W2 is the eclipse burst effect - and it's well hidden: Behind a dark filter are four individually controllable segment SMD LEDs, which create fascinating stroboscopic and pixel effects and expand the wash light's range of applications enormously. Like the AZOR SP2, the AZOR W2 is also suitable for use with cameras thanks to its adjustable PWM frequency (650 Hz - 25 kHz) and enables the flicker-free display of LEDs in the image. In addition to DMX512 and RDM, the AZOR W2 can also be controlled wirelessly using the optional iDMX stick.

cameolight.com



Elation SÖL I Blinder

Inspired by the radiant sun, the SÖL I Blinder is the first in a new groundbreaking series of creative LED blinder and effects solutions from Elation that marries cutting-edge technology with artistic ingenuity. With a tiny form factor, IP65 rating, and sleek and modern aesthetic, SÖL I seamlessly integrates into any stage or event setting, offering limitless creative potential. What sets SÖL apart is its ingenious modular design, offering endless possibilities for configuration and arrangement. Using simple fixture interconnects, threaded adapters, mounts and yoke accessories, designers can effortlessly link SÖL I to other fixtures or devices, exponentially expanding creative options for unique shapes and arrays. Use it as a single-cell, 2- or 4-cell blinder or connect even more fixtures together for a versatile effects panel that is perfect for eye-candy looks. Create linear blinder arrays, single or multi-unit pendants, custom shapes, and more. The possibilities are endless! Multiple lens options, coupled with a host of accessories, enhance the fixture's potential even further. An optional Bowens mount adaptor ring allows for a number of Bowens mount accessories to be attached to the front of the fixture for even more aesthetic options and creative impact. Add to that a variety of mounting options and designers are empowered with the flexibility to craft unique visual experiences tailored to each performance or event.



elationlighting.com

Astera ProjectionLens for PlutoFresnel

Astera boosts the creative potential and functionality of its battery powered PlutoFresnel LED luminaire with the launch of the new ProjectionLens which transforms it into a profile fixture. The ProjectionLens offers precision optics, zoom, accurate shutters for highlighting specific areas, plus gobos, all giving the Fresnel the value of being a truly multifunctional lighting fixture. The ProjectionLens is quickly and efficiently installed by sliding in and out of the luminaire. The integrated manual zoom has a range of 16° to 36° for projection and is simply adjusted by twisting the lens barrel like a camera zoom lens. Two focus wheels are included in the ProjectionLens to assist in producing crystal-clear gobo projection at any distance. The E-Sized gobo holder means the projection of shapes, breakups and other effects and custom logos / gobos are seamless and eye-catching, with the projected beam or gobo image aligned and focused by rotating and tilting the lens barrel. A four-leaf shutter design offers maximum beam control by allowing the projected and lit areas to be trimmed as needed. Powered by Astera's full spectrum high rendition Titan LED engine, the fixture has an impressive output comparable to a traditional 300W Tungsten fresnel, with power consumption of less than 80W! It weighs just 4.5kg and is ideal for fitting into small and less accessible spaces on sets or stages.



astera-led.com

Digital Projection Satellite MLS gets new, improved light sources and fibres

The revolutionary Satellite MLS has proved incredibly popular over the last few years and has seen a huge demand for even more brightness and efficiency. To satisfy this request from our customers, we have launched 20,000 and 30,000 lumen Modular Light Sources to



complement our original 10,000 lumen light source. This makes installations even easier than before by removing the need for “many-to-one” fibre configurations, giving more flexibility. The new fibres with a decreased diameter and higher light transmission efficiency also mean that, when coupled with the new light sources, offer a large reduction in the system cost. These new features make this cutting-edge technology even more accessible than ever before whilst maintaining the amazing near REC2020 colour-space.

digitalprojection.com

Starway Quasar

Quasar is a fusion of a motorised RGB wash projector and an ultra-powerful segmented white LED strobe (28 segments). The wash panel, also segmented (14 segments), opens up an infinite range of effect possibilities, in both saturated and pastel colours. With a tilt range of 180°, Quasar offers an exceptional flexibility for directing light exactly where you need it. Quasar can be controlled using DMX512, Art-Net or sACN. Quasar's IP65 rating guarantees worry-free use in any environment, ensuring optimum performance even facing of the elements



star-way.eu

LaserAnimation Sollinger introduces LA.tools Software Suite

LaserAnimation Sollinger introduces LA.tools software suite from LaserAnimation Sollinger consists of five software programs and opens new possibilities for recording and playback of data streams and shows as well as for laser control and monitoring. Introducing the LA.tools suite : LA.tools is a comprehensive software package for PC and Mac users, consisting of five powerful tools: LA.toolbox, LA.recorder, LA.player, LA.preview and LA.timecode.

- LA.toolbox: The established LA.toolbox software has been updated with the introduction of LA.tools and allows the control of important laser projector functions.
- LA.recorder: The LA.recorder software can be used to record incoming AVB streams and external ILDA signals and save them in AIFF format.
- LA.player: The software allows playback of AIFF files and shows, as well as output as an AVB stream.
- LA.preview: This tool is used to visualize and play back recorded files. The visualization function also supports recording of incoming streams and can be activated in LA.player and LA.recorder.
- LA.timecode: LA.timecode is able to display both net timecode data and timecode sent by the LA.recorder or LA.player..



laseranimation.com

Eliminator Lighting Ikon Profile Plus



A flexible and affordable GOBO projector that easily doubles as an effective spotlight unit, Eliminator's new Ikon Profile Plus combines an upgraded 40-Watt LED, interchangeable GOBOs, and manually adjustable beam angle/focus features in one exceptionally portable package! Ikon Profile Plus is a cutting-edge GOBO projector that boasts an impressive array of features, making it a must-have for architectural, stage, venue, event, house of worship, and retail lighting applications requiring the projection of logos, custom designs, or breakup patterns. Powered by an efficient 40-Watt cool white (9500K) LED source (a power boost from previous models), which delivers a CRI of 80 and output of 4121 lumens, the Ikon Profile Plus delivers fantastic brightness and clarity. Its manually adjustable beam angle (15 - 30 degrees) and interchangeable GOBOs offer unparalleled versatility, allowing users to customize their lighting designs with ease.

adj.com
adj.eu

Source Four Mini and Irideon available for F-Drive



ETC continues to expand Source Four Mini and Irideon fixture offerings with new F-Drive compatible options. With the addition of these low voltage versions to our lineup of canopy and portable fixtures, alongside our recently released OneTrack models, the Irideon and Source Four Mini families of products are more flexible than ever. F-Drive compatibility in Source Four Mini and Irideon fixtures decreases costs while increasing portability and ease of installation. These luminaires use low voltage, making installation inexpensive and hassle-free. With F-Drive compatibility, Source Four Mini LED can now be controlled via DMX for the first time. This provides a more beautiful, smooth dim in any Source Four Mini LED installation. F-Drive compatible Source Four Mini LED and Irideon luminaires are available in all of our existing color temperature and CRI options. They are available in canopy or portable options.

etconnect.com

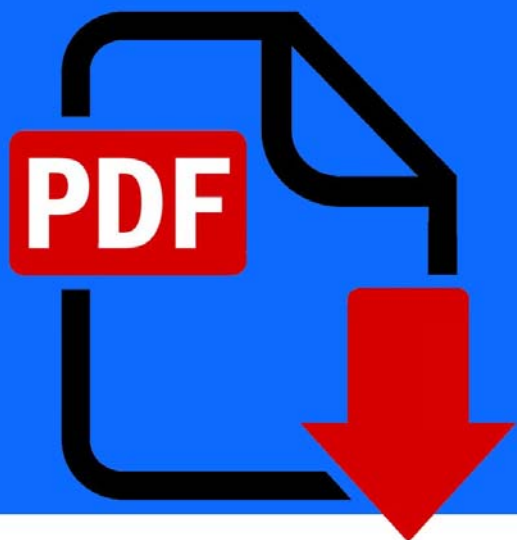
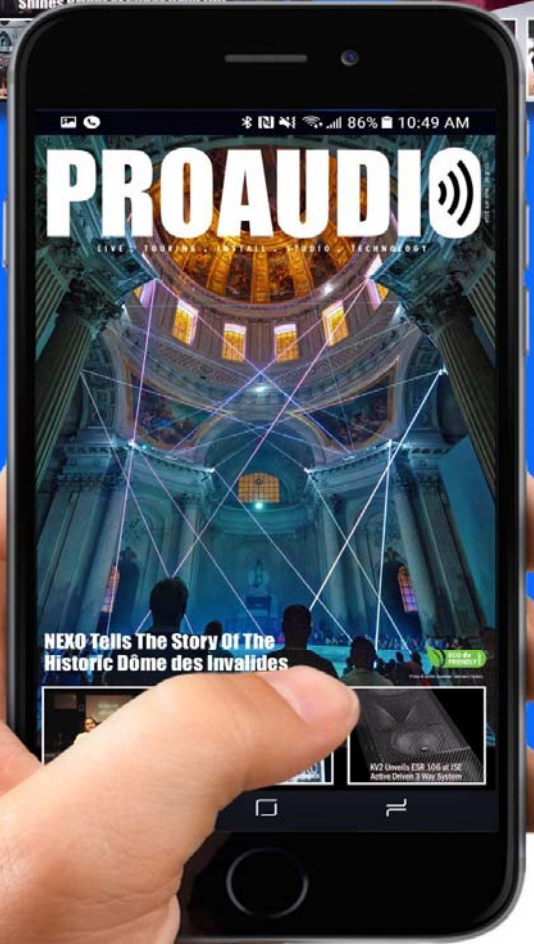
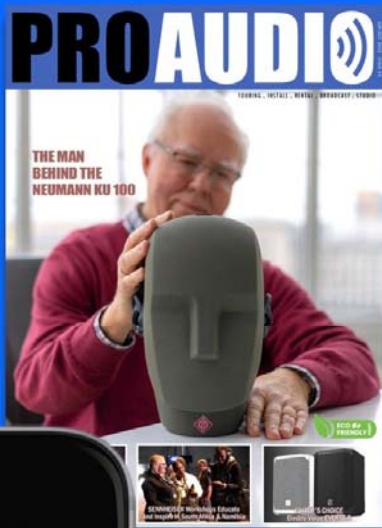
ETC Mosaic Show Controller X



The Mosaic Show Controller X (MSC X) is getting a refresh featuring new video I/O options and an audio input for two Linear Timecode channels – removing the need for a separate RIO-A unit. With this change we will be switching to a new part number, and model numbers will add “Mk3” at the end. Once the MSC X Mk3 is released, all existing orders for the current Mosaic Show Controller X will be automatically switched over to the Mk3. Shipping of the new units is expected to begin in December 2023. With the new model comes new connectors. The video input accessory (-VCC), if equipped, changes from DVI to HDMI. Video output is now a DisplayPort style connector. The serial port on the unit (RS232) has been updated from connectorized to terminal-style interfaces. Audio output is handled with either a S/PDIF (RCA) port or terminal connectors. Audio input for linear timecode is also via terminal interface.

etconnect.com

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