Britannia Row Productions Goes Straight Up Rock 'N' Roll

ECO FRIENDLY PRINT

KV2 strengthens APAC team with the appointment of Leo Tanzil

Sennheiser sponsors live audio technology at the U.S. reception

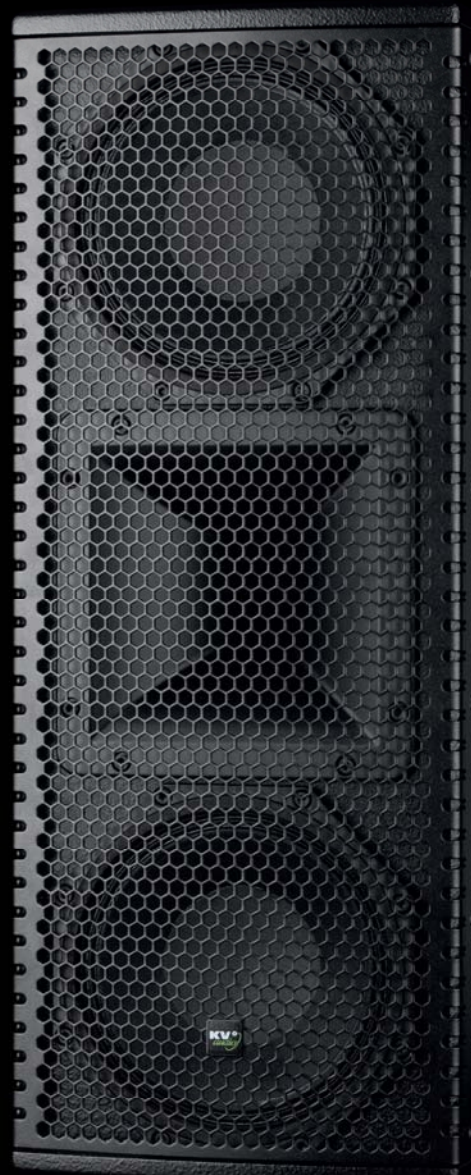Clear-Com maximizes efficiency for + − = ÷ × (Mathematics) Tour

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KV2 strengthens APAC team with the appointment of Leo Tanzil

KV2 Audio has announced the appointment of Leo Tanzil to the role of Technical Support Director & Product Specialist for the APAC region. He will be providing valuable support to KV2's ASIA Sales Director, Robert Adrian Tan.

With over twenty years' experience in pro audio, both as head of engineering for Kairos Multi Jaya, one of Indonesia's largest audio distributors and integrators, and most recently as an independent audio consultant, Tanzil is an important addition to the team.

"We're thrilled to welcome Leo to the KV2 family,' says CEO, George Krampera Jr. "His technical expertise coupled with his passion for high fidelity sound make him an ideal choice for the role. As Technical Support Director & Product Specialist, Leo will be supporting specifiers and integrators in system design and commissioning, in addition to running training courses and providing technical support where it's needed. We set great store by our ability and commitment to providing top-notch technical support and education, so we're delighted to welcome Leo aboard."
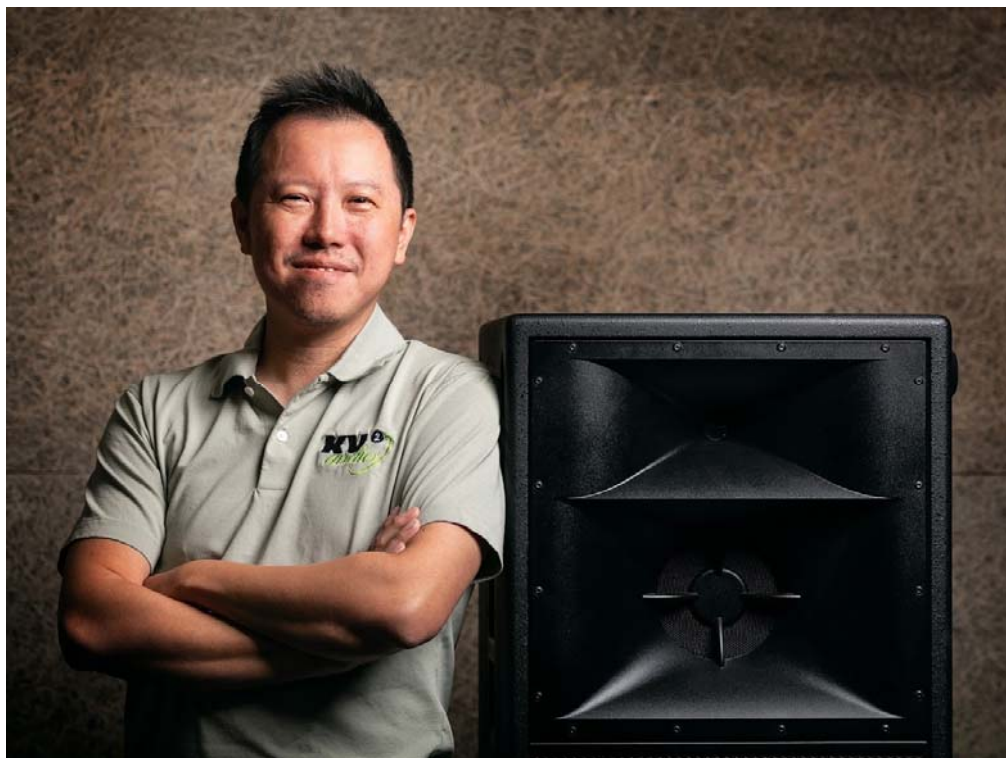
Leo Tanzil joins KV2 as Technical Support Director & Product Specialist for the APAC region

Tanzil is equally pleased to be joining the KV2 team. "Pursuing perfect sound has been my lifelong passion," he declares. "That passion has been my driving force for over 20 years, and I firmly believe that science and engineering can fulfil the quest for perfect high-fidelity audio. At KV2 I have found a group of like-minded people who are as passionate about good sound as me and have the engineering skills to back it up. I hope that my experience across a wide range of applications, from houses of worship to hospitality and the performing arts will help build KV2's business across the APAC region, all the while enabling me to pursue my goals of continued learning and perfect sound!"

www.kv2audio.com

DiGiCo Quantum 225, fit for a King!

Aaron King (right) with DWR's Kyle Robson

Meet Aaron King from Crotchet Music, a talented audio engineer renowned for his work in gospel music. Aaron is now the proud owner of a DiGiCo Quantum 225 Digital Console, complete with a Waves upgrade purchased from DWR Distribution with more upgrades in the pipeline. "We've been discussing this investment for quite some time," beams Kyle Robson from DWR Distribution. "When it comes to emerging technology, it's truly remarkable to witness Aaron enthusiastically embrace it. He's always on the lookout for the latest advancements, such as being the first in South Africa to purchase a KLANG:konductor earlier this year." Achieving success has been a slow but consistent journey. "My interest in audio dates back to high school," Aaron reflects, mentioning his upbringing in a church environment where he gained insights into the technical aspects. Despite studying accounting, he found himself consistently drawn to audio and the vibrant gospel scene, which constitutes a significant part of his work. Given his hands-on role as a Front of House Engineer, the DiGiCo Quantum 225 was a perfect match to meet his specific needs. "First of all it's an easy workflow going from studio work to the live environment, which is a big advantage for me," says Aaron. "The other key benefit is its seamless integration with Waves and Klang."

dwrdistribution.co.za

Clear-Com widens reach in Asia-Pacific region with new Authorized Partner appointment of PT Inti Megah Swara

Hans Chia
Regional Sales Manager, Clear-Com

James Eric Pribadi
Director, PT IMS

Clear-Com® announces that it has appointed PT Inti Megah Swara (PT IMS) as an Authorized Partner for the Indonesian region. The two companies share a deep commitment to ensuring customers have access to the highest quality solutions for their myriad needs. "We believe that Clear-Com is an agile brand within the communication industry. It is often used in the broadcast industry. Thus, we have a strong vision of the market opportunity in Indonesia for high-quality communication devices," says James Eric Pribadi, Director of PT IMS.

Established in 2000, the Jakarta-based company prides itself on its long-term relationship with customers and efforts to continuously broaden its services as a one-stop shop for audio, video, lighting, and now Clear-Com intercom solutions.

"We've been searching for a new partner in Indonesia, and PT IMS was also looking for new products," explains Clear-Com Regional Sales Manager Hans Chia. "Indonesia is a growing market with huge potential, and I believe working together we will be able to expand Clear-Com's business in Indonesia."

The largest AVL distributor in Indonesia, PT IMS is well known for widening the reach of the brands it represents across the region by providing personal service via a comprehensive network of branch offices nationwide.

"We have been cooperating with our dealers for more than twenty years to expand our business throughout Indonesia," Pribadi explains. "We also manage our own retail distribution chain and service centers in many regions around Indonesia and plan to build more and more. So we can guarantee that our customers will get the best service regarding all our products, including Clear-Com."

The addition of Clear-Com's wide range of scalable intercom solutions to its roster of products uniquely positions PT IMS to provide that service even more effectively. "With the quality and reliability of Clear-Com, we can give our customers international broadcast-standard communication devices to support their needs in live stage performances and many other industries, especially for the house of worship market who yearn for high standard tools to enhance their services," Pribadi concludes.

www.clearcom.com

www.imsindo.co.id

Clear-Com appoints Dennis Low in Singapore as part of commitment to full-service local support for APAC customers

Clear-Com®'s dedication to supporting their customers with local support teams members is further enhanced with the appointment of Dennis Low to its Singapore-based team as a Technical Support Associate. This strategic investment bolsters Clear-Com's ability to provide the highest level of support for customers in the Asia-Pacific region, where it has technical support engineers in place across the region, primarily based out of Singapore and Beijing.

Over the past two decades, Dennis has worked in a wide variety of roles in the audio industry, as a sales engineer/technical support for SMX Electronics, an entrepreneur and distributor (as co-founder of Big Knob, Malaysia), and as a House of Worship AV Technician at St Andrew's Cathedral, and the Full Gospel Assembly in Singapore.

"Having taken on the role of AV department head and leading teams of volunteers in my previous roles, I believe in empowering people with the right skill sets so they do not feel overwhelmed by the technicalities of a product. That allows them to focus on what's important, which is to use the tools necessary to support their business goals. Intercom is a powerful tool when properly implemented, and I look forward to sharing my knowledge with Clear-Com end-users as part of my new role" Dennis says.

Clear-Com stands apart from its competitors in its deep commitment to their customers, offering industry-leading capabilities and support/service. The dedication for local support via the technical team in the Asia-Pacific region is no different.

"Having a technical support associate with the background Dennis has will provide existing and future Clear-Com customers greater confidence that they will always be well supported by a local

Dennis Low joins Clear-Com's Singapore-based team as a Technical Support Associate

team of experts," says Peter Fong, Clear-Com Director of Sales, APAC, adding that Clear-Com is also investing in its APAC Partners to ensure each has at least one fully trained technical sales engineer.

Based in Singapore, Dennis brings a wealth of experience and a deep understanding of the support Clear-Com's new and existing customers require. Fluent in English, Malay, and

Cantonese, Dennis holds a Diploma in Audio Engineering from the School of Audio Engineering Kuala Lumpur and a Diploma in Information Technology from the Asia Pacific Institute of Information Technology.

www.clearcom.com

HARMAN Professional Solutions completes acquisition of FLUX SOFTWARE ENGINEERING

NEXO co-founder Michael Johnson passes away

HARMAN Professional Solutions, the global leader in audio, lighting, and video and control technologies, announced today it has completed the previously announced acquisition of FLUX SOFTWARE ENGINEERING ("FLUX::").

The purchase includes FLUX::'s immersive, processing, and analysis solutions across live production, installation sound, content creation, and post-production.

The acquisition broadens HARMAN Professional's offerings across multiple applications with world-class immersive technology, in addition to establishing a foundation for future innovation by bringing together FLUX::'s team with the hardware and software engineers of HARMAN Professional.

"With the growing demand from our customers for immersive audio solutions, we are thrilled to welcome the FLUX:: team to the HARMAN family," said Brian Divine, President, HARMAN Professional Solutions.

"The FLUX:: team is made up of a very passionate group of people who have dedicated their careers to creating exceptional audio experiences. We are excited to work together to create new products that push technological boundaries and create culturally significant experiences."

"We are extremely honored to join the HARMAN brand portfolio, and work alongside the teams from some of the most legendary brands in the audio industry," said Gaël Martinet, Founder and CEO of FLUX SOFTWARE

ENGINEERING. "We look forward to continuing our work developing immersive audio solutions with the significant investment, infrastructure and support that HARMAN will provide."

France-based FLUX:: was founded in 2006 by then seasoned sound recording engineer and current CEO, Gaël Martinet, for the purpose of creating intuitive and innovative audio software tools. Now, the portfolio of nearly 20 products is used globally by talented professionals across many applications.

- FLUX:: SPAT Revolution is a powerful object-based and perceptual immersive mixing solution providing artists, sound-designers, and sound-engineers the tools to design, create, and mix outstanding real-time immersive experiences.

- FLUX:: Analyzer is a modular RTA-system providing an extensive range of analyzer options for any audio analysis and measurement application.

- FLUX:: Processing includes a comprehensive suite of plugins including channel strips, EQs, dynamics processing, and more.

pro.harman.com
fluxaudio.com
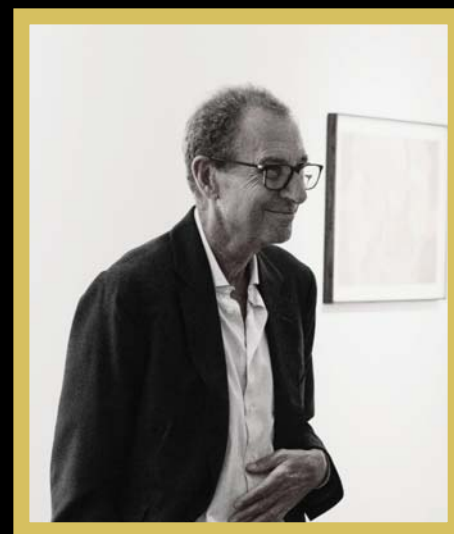
It is with a very heavy heart that we inform you that Michael Johnson, who co-founded NEXO and served as its Managing Director until 2008, has passed away.

Establishing the company alongside Eric Vincenot and Thierry Tranchant, "Micky" contributed to the expansion of NEXO over nearly thirty years, travelling the world and engaging with customers. He was not only an entrepreneur but also a patron of arts, music and theatre and an avid art collector.

We will always remember Micky and the legacy he leaves behind.

IN LOVE
memory

nexo-sa.com

HARMAN Professional Solutions opens new factory to accommodate growth and reduce carbon emissions

HARMAN Professional Solutions, the global leader in audio, video, lighting and control technologies, today officially opened its new Pécs, Hungary, manufacturing plant to accommodate growth in production for its Martin brand that provides lighting fixtures for the entertainment and architectural lighting industries, and certain loudspeaker products.

HARMAN retrofitted the more than 107,000 sq ft manufacturing facility to enable HARMAN to heat and cool the facility with geothermal energy by using a water-to-water heat pump. Furthermore, electricity for the entire facility will be sourced by onsite solar PV panels in 2024. The activities to lower the manufacturing environmental impact in Pécs are guided by HARMAN's bold target to be carbon neutral by 2040. This includes waste reduction efforts in manufacturing operations, 100% of HARMAN's manufacturing electricity to be sourced from renewable energy sources, and an overall reduction of electricity consumption in operations by 15%.

"Over the past six years, the Martin brand put into production more than 20 major LED lighting product SKUs with more new products being announced soon, and it is imperative that we not only create more space to meet demand but do so responsibly and in line with our corporate goals," said Brian Divine, President, HARMAN Professional Solutions. "The completion of this project is another proof point to our customers that we produce reliable products in technologically advanced facilities while doing so with reduced impact to our environment."

Prior to the move, HARMAN Professional shared factory space with HARMAN Automotive in Pécs. The growth of the two businesses units led to the decision to retrofit a three-story standalone facility for HARMAN

Michael Mauser, President and CEO, HARMAN, with Katalin Apolczer, Senior Director, Supply Chain & Operations, HARMAN, officially open the new HARMAN Professional Solutions factory in Pécs, Hungary

Professional that includes production, warehouse, technical services, and a new contemporary office environment - all contained in one building.

"This was an ambitious project because we set out to design, renovate and move facilities in eight months while conforming to HARMAN's high construction and sustainability standards without interruption to production," said Wolfgang Heitmann, Vice President, Supply Chain and

Operations, HARMAN. "The combined contributions of people throughout company and the 300 HARMAN employees in the new building led to the success of this project which is a model for future builds that will lead us to achieving our carbon neutrality goals over the next decade. We're very proud of the example we're setting for the industry."

pro.harman.com

PMC appoints Planeta Analogico as its Argentinian distributor

UK loudspeaker manufacturer PMC has appointed Planeta Analogico as its distributor in Argentina, with responsibility for its range of professional monitoring products. Based in Buenos Aires, Planeta Analogico was established in the early 2000's by CEO and founder Daniel Paracha. The company represents more than 40 high-end pro audio brands including API, Audient, Chandler, Crane Song, Eventide, Maselec, Telefunken and Weiss.

Daniel Paracha and Mariano Caraballo

Commenting on the appointment, Daniel Paracha says: "We are delighted to be distributing PMC as we see a huge potential for the brand in Argentina. PMC's result6 nearfield monitors, along with the PMC6, PMC6-2, PMC8-2 and associated subwoofers, are all products that can open up the market because they are the best professional studio monitors you can buy at this price range. They are perfect ambassadors for the entire PMC professional range, and I can't wait to introduce them to our customers." Dan Zimbleman, PMC's Senior Export Business Development Manager, adds: "Daniel and his staff are incredibly knowledgeable and deliver exceptionally high levels of service to their customers. This matches PMC's philosophy regarding customer service and we are delighted that a company of this calibre is now representing our professional product range."

pmc-speakers.com   **planetaanalogico.com/marca-pmc**

Powersoft expands presence in the GCC region with Dutco Tennant

Powersoft is further expanding its distributor network in the GCC market by welcoming Dutco Tennant as its newest distributor. The company will join Dubai-based distributor, Pro Lab, and Saudi Arabia based aDawliah. "We pick and choose our partners carefully after extensive research and Powersoft will play a vital role in our audio portfolio," states Julie Thomas, product manager at Dutco Tennant. "Powersoft is highly respected in the industry for its reliability and is an incredibly valuable addition to any portfolio of audio-focused brands. Incorporating Powersoft's solutions in our portfolio enhances our credibility as a provider of professional audio solutions," says Jacob Thomas, general manager – business technology solutions of Dutco Tennant. Dutco Tennant, based in Dubai, will focus on expanding Powersoft's regional presence in the installation market, with an emphasis on providing high-quality solutions across various

left to right: Julie Thomas, Varun Jagger, Fabrizio Romano Bolzoni, Jacob Thomas, Basil Varghese, Ramya PK

areas, spanning from corporate, retail and venue centres to the hospitality industry. Additionally, the distributor will address the rising demand for clean energy solutions: "Powersoft's power conversion technology can significantly improve the efficiency of delivering processed and amplified audio to the end user, aligning with the industry's growing interest in sustainable practices," says Thomas.

powersoft.com

L-Acoustics hosts destruction event of fake loudspeaker systems
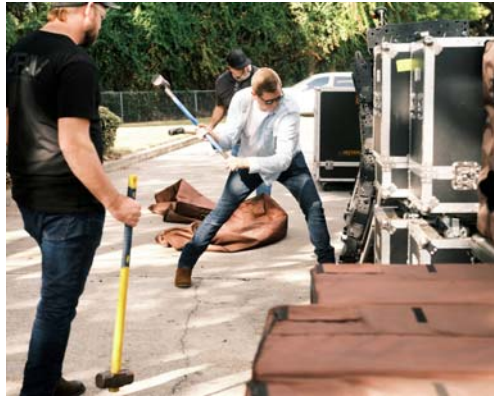
L-Acoustics hosted a destruction event to mark the disposal of counterfeit speakers recently seized following a judgment by the United States District Court, Middle District of Florida, Tampa Division, which ordered Se7ven Sounds Music to pay damages of $5 Million US dollars to L-Acoustics and granted L-Acoustics the right to destroy the 136 counterfeit professional speakers confiscated during the investigation.

During the afternoon, L-Acoustics invited local rental partners to destroy several counterfeit speakers, subwoofers, and amplified controllers before delivering them to an independent sustainability firm that will recover and repurpose the fake products' raw materials. The wood used in the cabinets will be repurposed for new wood products or renewable energy production. Metal will go toward creating home appliances, while plastic will find new life in office furniture, car parts, and containers. Any non-recyclable parts will be disposed of responsibly.

The event, held at M & W Warehouse in Tampa, emphasized the importance L-Acoustics places on authenticity, quality, and safety in the live events industry, which is estimated to be valued at $652.6 billion in the United States in 2022, with projections to reach $1.2 trillion by 2032, according to Allied Market Research.

Counterfeit loudspeakers lack the stringent quality control and safety standards L-Acoustics upholds. Using fake components and subpar materials can lead to catastrophic failures, endangering lives and causing financial losses for partners. L-Acoustics' professional speakers not only deliver exceptional audio quality but also provide a safe and reliable solution for various venues, including concert halls, houses of worship, theaters, and stadiums.

l-acoustics.com
stopcounterfeits@l-acoustics.com

OSA makes substantial investment in PK Sound robotic technology

OSA International Inc. has made a substantial investment in robotic line source technology from PK Sound, spearheading a significant long-term partnership between the two companies. As a market leader in premium AVL solutions for the touring and rental, corporate event, and performance installation verticals, OSA is already capitalizing on PK Sound's multi-axis robotics to deliver unmatched experiences for its vast client base. "Meeting the broad range of our clients' needs drives everything we do, and we pride ourselves on being early adopters of innovative technologies that help us do it at the highest level," comments Mario Educate, President of OSA International.

The company's initial investment comprises 128 of PK Sound's medium-format T10 line source modules, employing multi-axis robotics to precisely control a system's vertical and horizontal coverage parameters. This includes over 40 symmetric and asymmetric horizontal settings for each individual module, enabling the creation of tapered arrays tailored to any venue or space, along with an unprecedented 0.1° of resolution in an array's vertical dispersion.

"The degree of sound field control that PK systems achieve through robotic optimization is unmatched in our industry, and that's on top of the operational advantages that support OSA's growing body of work – no amp racks, fewer cables to manage, and significantly faster, easier, and safer deployments in any application," comments Bobby Allen, Executive VP of Entertainment with OSA. "Ultimately, the ability to deliver audio experiences with maximum intelligibility and impact regardless of a venue's acoustic limitations will keep us at the forefront of our industry and shaping where it goes next."

Rounding out OSA's inventory are 12 of PK's soon-to-launch T8 sub-compact robotic line source modules, 32 T218 intelligent subwoofers, and four SC1 Signal Cells, which manage signal and network data distribution for all PK systems in a modular, globally standardized touring rack.

pksound.ca

Pliant Technologies for San Diego Event Professionals

left to right: Alex Gourdikian, Eric Hester, Micheal Lockhart, and Christian Prasser

San Diego Event Professionals is a provider of audio, video, lighting and other event planning and production services for events held in San Diego and the surrounding areas. Since 2017, the company has been working with Point Loma Nazarene University to help create stunning events on their beautiful campus, ranging from the university's commencement convocations to concerts in the famous Greek Amphitheater. Recently, San Diego Event Pros decided to upgrade its outdated communication solutions to a variety of Pliant Technologies products, based on the CrewCom 900MHz wireless intercom system. Since the upgrade, the company has been relying on its new intercom system for various events at the University. "We were using another intercom system and we kept having glitches," says Don Brennan, President of San Diego Event Professionals. "I happened to see a write-up in a publication on Pliant, so I reached out to them and requested more information. Once we received the system, we brought it to Point Loma Nazarene and it was absolutely fantastic."

plianttechnologies.com

Pliant Technologies announces new distribution partnership with MediaPower

Pliant Technologies, a leading provider of professional wireless intercom solutions, announces its recent distribution partnership with MediaPower, expanding its reach to the Italian market. For 30 years, MediaPower has provided its clients with design, distribution, and the implementation of AV services and IT workflows. Adding to its lineup of top-performing brands and products, MediaPower will now offer Pliant Technologies' wireless intercom solutions throughout Italy. "Pliant's product range has a long history of providing intercom solutions for both the broadcast and production markets," says Gary Rosen, Vice President of Global Sales at Pliant Technologies. "This new partnership with the renowned MediaPower in Italy will enable us to expand into very promising markets, given its strong presence and experience with major broadcasters, regional media, digital media, and the entertainment industry, areas where our wireless intercommunication technologies are crucial for professionals." Marcello Dellepiane, CEO of MediaPower adds: "We are delighted to add Pliant Technologies to our already extensive portfolio of prestigious brands and products. MediaPower's offering is now even more comprehensive, with Pliant's line of professional wireless intercom solutions ranging from simple plug-and-play configurations to large-scale projects with extensive coverage and multiple simultaneous users."

MediaPower team (left to right): Fabio Veggiato, Francesca Bianco, Marcello Dellepiane, Carlo Rasile, Christophe Cordelle, Paolo Birra, Eugenio Pettazzi

plianttechnologies.com

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."
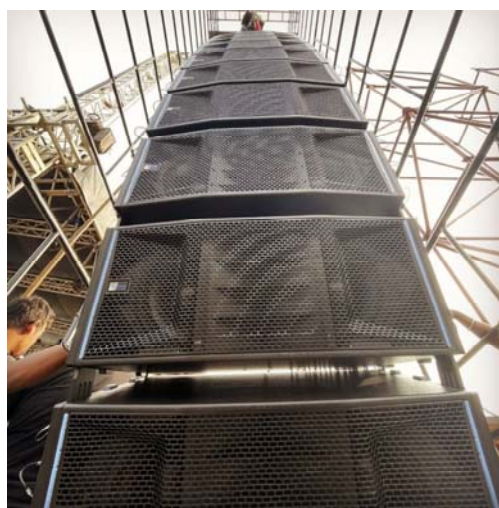
fulcrum-acoustic.com

Friends Of Shiva soars ahead with 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 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 companies unwavering commitment to delivering unparalleled audio experiences.

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.

friendsofshiva.com

Clair Global elevates Cohesion to fully supported enterprise

Today, Clair Global announces Cohesion's transformation from loudspeaker series to fully supported product development and manufacturing organization within the greater Clair Global Group. Cohesion was originally launched as a private brand available exclusively through Clair's rental division, but based on its overwhelming success and subsequent market demand, Cohesion is now also available to exclusive installations worldwide. Cohesion is already trusted by some of the world's most successful touring artists. Front of house engineers and system engineers globally have praised Cohesion for its performance, efficiency, and reliability, and now venues beyond live touring and festival stages will benefit from the same industry-leading sound.

"We are investing in the people, product development, and resources needed to support this venture," said Troy Clair, President and CEO of the Clair Global Group. "We see this as an opportunity to build comprehensive, connected solutions that go beyond designing and manufacturing loudspeakers. I'm thrilled by what's happening today, and I'm even more optimistic about what's to come."

Designed and assembled at its headquarters in Lititz, Pennsylvania, Cohesion is prioritizing workflow optimization and a broadened ecosystem bolstered by a dedicated team of experts. The launch includes products never seen before, with more in development, that will expand and enhance the full catalog.

cohesionaudio.com

Powersoft appoints aDawliah as Saudi Arabia distributor

left to right: Zuhair Sarhani (aDawliah brand manager), Adbilrehman Walid Al-Braikan (aDawliah executive manager), Fabrizio Romano Bolzoni (Powersoft sales manager), Mostafa Al Khalaf (aDawliah commercial director), Varun Jagger (Powersoft EMEIA sales manager)

Powersoft is expanding its global network by welcoming aDawliah Universal Appliances as its newest distributors in the rapidly growing GCC market. The addition of a new local representative will help support the development of the Powersoft brand in the Middle East.

Based in Riyadh, aDawliah was established in 1979 with a mission to provide pro audio products and services to its customers who create original audio experiences for their clients.

The new distributor is already planning to provide the market with product demos and regular training, with a particular customer focus on presales, design and onsite support while further growing Powersoft's brand awareness through seminars and exhibitions in Saudi Arabia.

"I have strong confidence in the potential of our market, considering the rapid development in the entertainment sector, which has a direct impact on the audio industry. Our goal for Powersoft is to establish it as one of the leading brands here in Saudi Arabia, all while delivering exceptional service to our customers," states Zuhair Sarhani, brand manager at aDawliah Universal Appliances.

"The GCC region, and the Middle East in general, is growing exponentially and the appointment of aDawliah Universal Appliances will help address the specific needs of certain verticals and applications. We're very pleased to welcome them on board," says Varun Jagger, EMEIA sales manager at Powersoft.

"It's important for Powersoft to have distributors with complementary competencies. Our products are the backbone of solid audio systems, delivering excellent audio quality, reliability and ease of use. The supplement of our wide range of amplifiers will enable aDawliah Universal Appliances network of dealers and integrators to pass these benefits to their clients and end-users."

powersoft.com

# Meyer Sound celebrates another year of global success

Building on the momentum from last year's launch of the PANTHER™ large-format linear line array, Meyer Sound closed out 2023 as yet another banner year marked by breakthrough new product introductions, enthusiastic user accolades, and record-breaking sales figures. "We've been on an exhilarating journey these past two years," says Senior Vice President John McMahon. "It's been a transformative time for Meyer Sound. What started last year with PANTHER and continued this year with the introduction of the 2100-LFC™ [low-frequency control element] has inaugurated a new era for our company."

PANTHER-based systems were installed across a range of venues from clubs to arenas in 2023, including The Fillmore in San Francisco and the Mohegan INSPIRE Entertainment Resort in South Korea. Elsewhere, PANTHER arrays started their summer-long residencies at Cadence Bank Amphitheater in Atlanta, GA and Hayden Homes Amphitheater in Bend, OR. The LEOPARD® compact linear line array loudspeaker continued in 2023 as a popular solution for venues requiring a smaller profile, including the Paramount Theatre in Oakland, CA. In addition, the LINA® very compact linear line array loudspeaker was highlighted at the Guild Theatre in Menlo Park, CA. Point-source solutions continued to thrive, such as an install at the Lithuanian State Puppet Theater in Vilnius, Lithuania, deploying ULTRA-X40™ and ULTRA-X20™ loudspeakers.

Meyer Sound PANTHER systems were shuttling across continents throughout 2023 on stadium and arena tours. Ed Sheeran's monumental "+ − = ÷ x" ("Mathematics") tour hit North America this year, with a groundbreaking system comprised of 212 PANTHER loudspeakers. PANTHER systems also powered a variety of genre-spanning tours including Billy Strings, Dave Matthews Band, Dead & Company, John Mayer, Marc Anthony, Metallica, and Michael Bublé, among

Roskilde Festival   Photo © Ralph Larmann
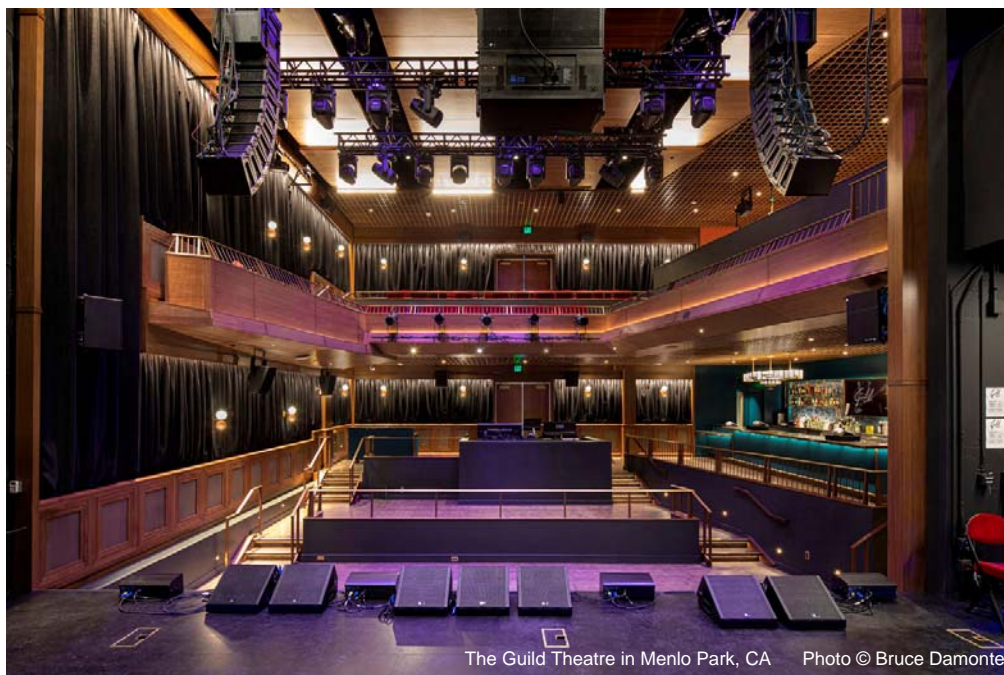
The Guild Theatre in Menlo Park, CA   Photo © Bruce Damonte

others. For the first time, Metallica's system presented true stereo imaging to all seats on a 360-degree, in-the-round stadium tour.

The coming year will mark Meyer Sound's 45th anniversary, and McMahon predicts that the momentum will continue unabated. "We have significant new products in the pipeline," says McMahon. "Our customers will notice — and appreciate — a renewed emphasis on software. Our loudspeakers have high visibility as large physical objects, but our customers increasingly engage with those products by interacting with

Larrabee Studios   Photo © Michael Pieters

dedicated software. We are continuing to grow a global software team by adding an infusion of new talent, and we expect great things from them in 2024."

meyersound.com

Lawo expands Executive Management Board with new CFO Claus Gärtner

Lawo's Management Team (from left to right): Andreas Hilmer (CMO), Jamie Dunn (CCO), Claus Gärtner (CFO and 'Vorstand'), Claudia Nowak (CFO and 'Vorstand'), Phil Myers (CTO), Ulrich Schnabl (COO) and Christian Lukic (CSCO)

Lawo, German-based pioneer of IP video, audio, control and monitoring solutions, announced the expansion of its Executive Management Board. Effective November 1st, Claus Gärtner joins Claudia Nowak (CFO and "Vorstand"), Jamie Dunn (CCO), Andreas Hilmer (CMO), Christian Lukic (CSCO), Phil Myers (CTO) and Ulrich Schnabl (COO).

"I have a strong passion for high-tech and high-quality products, and I enjoy working for family-owned companies because they allow for sustainable long-term strategies and fast decision-making. Joining Lawo as 'Vorstand' and CFO and being part of the company's exciting journey in transforming media infrastructure technology was an opportunity I couldn't pass up," says Claus Gärtner. "I am delighted to welcome Claus," said Claudia Nowak. "I will be retiring next September after more than 35 years with the company. In Claus we have found a great fit for the company and the management team, and I'm looking forward to working with him over the next eleven months in our joint role as Chief Financial Officer and 'Vorstand' to prepare for a smooth transition of my responsibilities." Claudia Nowak will leave the company in September 2024 but will remain associated with Lawo by joining the company's Supervisory Board.

lawo.com

d&b collaborates with EntertainmentLAB to mentor startups who make the audience an active part of the show

d&b group, the market leader in professional audio technology and provider of AVLM solutions, has signed a partnership with EntertainmentLAB, a recently launched Belgian innovation program for startups in the entertainment industry. By sponsoring the initiative, d&b will provide guidance and foster innovative ways to increase audience interactions in mass-event experiences.

EntertainmentLAB is an initiative of Flanders Technology & Innovation (FTI) and Startup.Flanders with the support of Tomorrowland. Together with corporate partners d&b, Brussels Airport, and Telenet, they address three challenges within the entertainment industry: Circularity and Recycling, Immersive Experiences, and Crowd Monitoring.

d&b will sponsor the Immersive Experiences challenge, taking startups through an exploration journey to find solutions to empower crowds and give them a more active role in large-scale event experiences.

Andy Hook, Technical Solutions Director at d&b solutions, said: "We have seen it become the norm for audiences to capture experiences on their mobile devices, but what if we could make them more of an active part of the performance through those devices, or personalize the experience for them? With the rise of AR, next-level mobile apps, smart glasses, and other advanced wearables, a world of new creative possibilities has opened up, and we worked with the next-generation of creators to make this a reality."

Startups from around the world can apply for the three EntertainmentLAB challenges until November 17. Then, from January 2024 onwards, startups selected for the Immersive Experience challenge will work alongside an expert team from d&b, in the creation of a proof-of-concept of their innovation.

dbaudio.com
entertainmentlab.be

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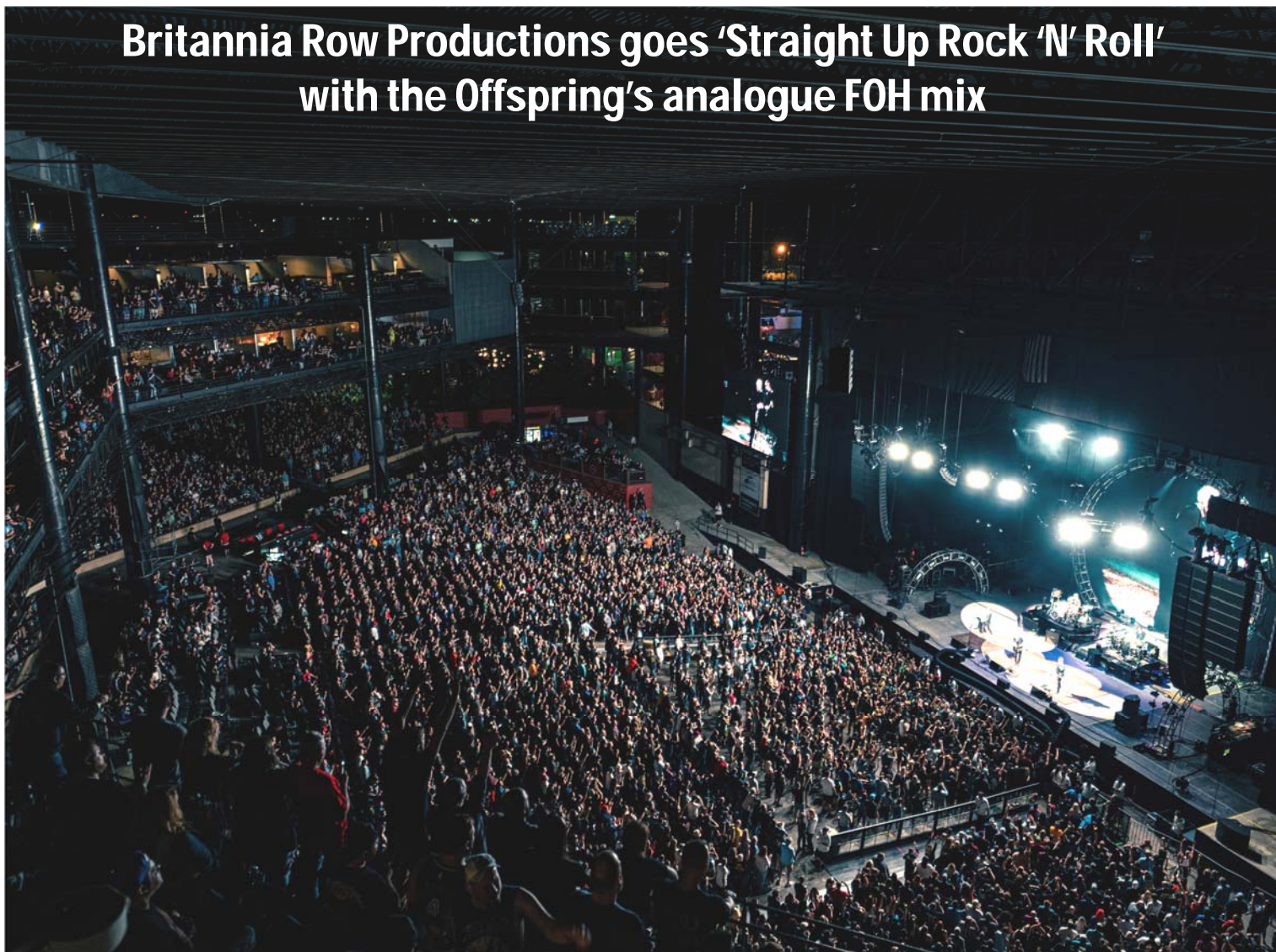# 0% commission on every sale

www.buynsellAVL.com

Britannia Row Productions goes 'Straight Up Rock 'N' Roll' with the Offspring's analogue FOH mix

The California punk rock outfit's FOH Engineer, Greg Bess, chooses Britannia Row Productions for 2023 audio solutions, culminating in a US Autumn tour.

Bess has worked with The Offspring for 26 years, yet his relationship with Britannia Row dates back even further - four decades and counting. "The first time I contacted Brit Row was in 1979, when I wanted to drop in on Pink Floyd's 'The Wall' tour," he begins. "I'm proud to say that I've now known Bryan Grant for longer than I haven't!" Venues included Irvine's FivePoint Amphitheatre, the USANA Amphitheatre in Utah and Jones Beach Amphitheatre. To prepare, Bess called upon Britannia Row once again for his ultimate PA delivery; an L-Acoustics K1 system. He continues: "We used the same configuration that Britannia Row supplied for our highly successful European arena tour earlier this summer."

Out front, he hits the faders on his own analogue console, bringing the roaring warmth of the band's guitar-driven works to the live stage via an ATI Paragon II P2P - the production version, and a custom API master section.

"There's an awful lot that happens in music, between samples, and with digital there's too much guessing and interpolating for my taste," he explains. "Then there's the issue of summing... you might have a channel or two that sound OK on a digital console, but by the time you sum everything together, it seems to lose life!"

The oldest desk Bess has in his collection is a 1978 Midas PRO-5, the newest being his ATI Paragon, originally launched in the 2000s.

"They all have their own personalities and characters, and some are better suited to certain genres of music than others, but I love them all!"

He fittingly describes his outboard as 'the island of misfit toys', thanks in part to being a self-professed 'diehard analogue guy'. Unsurprisingly, the plug-ins Bess favours are the kind you must plug in, including some valve gear, and ex broadcast units alongside the more standard AMS Neve, Lexicon reverbs and Drawmer processing.

For vocals, frontman Dexter has recently moved onto Shure Axient RF digital handheld mics with a 58 capsule.

Bess describes the sound of this live production arrangement in the way many would describe The Offspring: "straight up rock 'n' roll."

He furthers: "My objective with any client is to convey to the audience exactly what the artist is playing. I'm not the fifth Beatle, or the producer or a DJ. My use of effects is minimal, unless it's what would be on an album."

The band's anthems are delivered through the L-Acoustics K1 system, as requested in Bess' fine-tuned touring preferences. "The K1 is just a fantastic box, there's no hocus-pocus going on!" he compliments.

The configuration for the PA is K1 mains over K2, with flown K1SB. The two centre hangs are KARA down fills for the void in front of the stage at the larger venues. For ground coverage, KS28 and A15's completes the design.

"These are set up L-R / L-R, so that everyone in the audience can get the imaging and coverage that isn't really achieved with lip and front fill. Side coverage is accomplished with K1SB over K2, again with the assignment flipped so that the off-axis audience can still get the proper image," he explains.

To facilitate his vision, Bess credits Britannia Row Productions, and Director, Lez Dwight, with "always making sure that everything is working at 100%".

He concludes: "Britannia Row has, in my opinion, always been the world leader in both audio gear and in service. Their touring crew are top notch; they use their expertise to adapt in any situation. Our one-offs, where they supply different gear, nails this point home."

britanniarow.com

Photo © Joshua Kim

Clear-Com maximizes efficiency for +−=÷× (Mathematics) Tour – Ed Sheeran's most ambitious global tour to date

Ed Sheeran's record-breaking international Mathematics Tour is as much a display of artistic and technological prowess as a testament to the impact a single performer can have   when supported by the right technology. Which, here, includes an expansive Clear-Com® system supplied by Major Tom, one of the preeminent global touring companies. Typically, artists of Sheeran's status tend to add more players, more instruments, and a fair bit of backing tracks to satiate their audiences' demands. As ever, Sheeran takes a different approach, creating a grand spectacle utilizing innovative and unique staging and production elements while primarily performing alone, using a custom loop setup to generate accompanying sounds live in the moment, ensuring no show is the same.

Mathematics plays out on five stages placed around the floor of the venue, usually a stadium: one center stage with a revolving rim allowing 360-degree visibility for (and of) Sheeran, and four platforms for members of his band who   in a first for Sheeran   occasionally accompany him, each at the bottom of

six "masts" that act as counterweights in a sophisticated pulley rigging setup for a 42-ton halo above the main stage. As if that wasn't enough, pyro also figures heavily into the spectacle, with flame throwers used multiple times, culminating with a fireworks display as a finale.

Saying there are a lot of moving parts to the technical side of the production is putting it mildly. And that's where Clear-Com comes in. To pull off this technological extravaganza show after show, city after city, every member of every department – lighting, audio, video, stage management, riggers, and automation – need to be in constant communication, not only from a health and safety perspective but to handle the massive infrastructure deployed for Mathematics.

Designed and implemented by David White, Looper and RF Tech for Sheeran, and Adam Wells, Audio Systems Engineer, the intercom system for the Mathematics Tour consists of five 4-channel HelixNet® Digital Network Partyline remote stations, FreeSpeak II® Wireless Intercom System, and LQ® Series IP Interfaces to distribute over the IP Network. HelixNet beltpacks are distributed across six remote camera operators, and an antennae splitter distributes the IP network to three different transceivers across the show grounds. All the various departments utilize the same system on their own dedicated HelixNet channel.

Comms are increasingly integral to any show with multiple departments, even in a traditional single stage setup. Multiply that by five separate stages, and it's obvious the deployment here is out of the ordinary in terms of scale and the degree of collaboration required. Here, they're even more critical given that the production crew is spread out, with some beneath the stages, some at FOH, and others not even in the room; among them, follow spot operators controlling spots remotely and video crew working from outside the venue. Put bluntly, without rock-solid, reliable comms, this wouldn't be possible.

With his background in live theatre, Chris Marsh, Manager for Audio Production Company Major Tom and Production Manager for Sheeran, contributed to a very artistic production style. Beneath the main stage during shows, cues are being given as if this were a theatre performance for lighting, video, sound, pyrotechnics, and operation of the massive moving halo above the main stage. All need to be carefully orchestrated, synchronized, and communicated quickly and clearly.

"All of that is standard to large theatrical productions, but this was the first time we've done something of this scale with comms," says Wells. "It's the first time we've had a show with this many bells and whistles and moving parts, and it's so busy and loud everywhere, it's an absolute necessity to have that level of clear communication. With HelixNet and FreeSpeak, it's crystal clear. That's a game-changer to have clear communications for everyone, particularly when dealing with elements like pyro and weather emergencies."
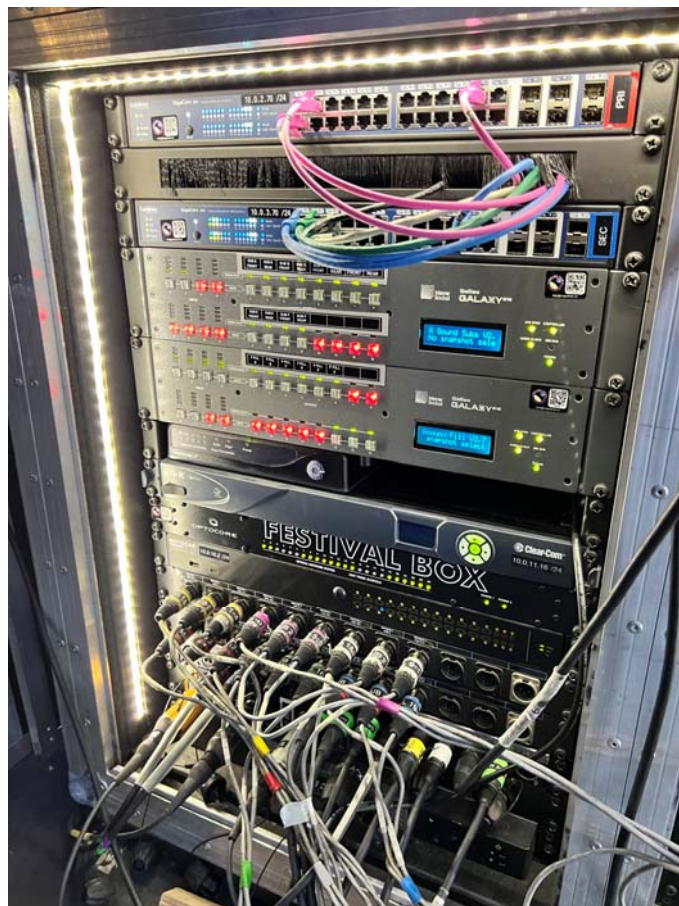
While the team intends to move to a fully digital system in the future, they've intentionally maximized efficiency with their hybrid analog/digital system utilizing LQ Series IP Interfaces. For example, each tech station on-site has a port labeled "comms." Each tech has a HelixNet beltpack, and when they get to a station where they need to service or administer support, they can simply plug in and instantly connect to the network.
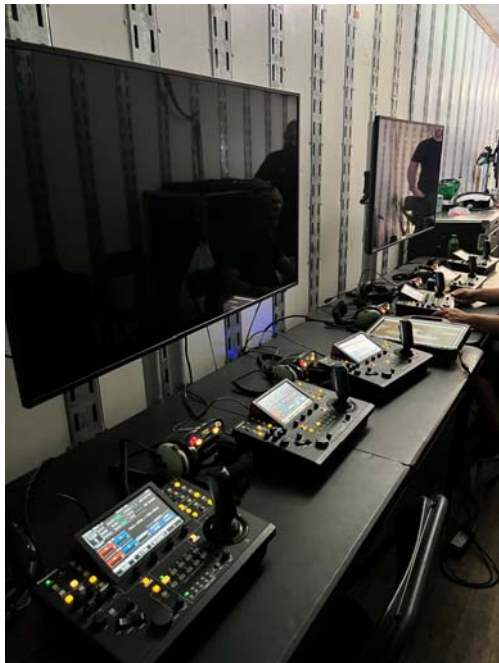
"They can sync in so quickly, and it just works," White says. "It became a more efficient way of working and works quite well. We were even able to put outlier crew like the two techs who monitor the safety sensors for the halo rigging on comms. And that's a critical safety issue."

That was extremely helpful at one show where the safety sensors for the halo erred on the side of caution and overrode the command to lift the halo. Sheeran was onstage, but thanks to the crew's quick communication, they dropped the video feed on the semi-transparent screen so the audience could still see him.

"Fundamentally, it's a live show," Wells says. "And in those situations, without clear, bulletproof communications, we wouldn't be able to deal with those situations and weather emergencies as quickly as we have been able to."

That proved true at Denver, CO's Empower Field at Mile High ("Broncos Stadium") in August, where 100-degree temperatures, rolling thunderstorms, and nearby lightning triggered three separate evacuations before Sheeran took the stage.

"Clear-Com was essential in helping us to get back up and running quickly and seamlessly," White notes. "If something does go wrong, we can solve it very quickly instead of suddenly having to go

to a two-way radio to talk to another department. This is a very cohesive tour, where literally everyone and everything feeds off the other departments."

Wells agrees, emphasizing how crucial it was for every crew member to communicate with one another, even if they were running around a stadium. "We looked at it from the point of 'can this be built together? Can it work together?'"

That comment speaks to the complexity and need for such a system and, more specifically, the benefits of Clear-Com's scalability, ease of integration of additional components, functionality, and comprehensive product range, which drove the decision to adopt FreeSpeak II in 2018.

At the time, on Sheeran's ÷ (Divide) tour, only audio and lighting crews used Clear-Com, with the video crew integrated via another system. Autograph's Ben Turnwell (who, has since joined Clear-Com as the UK Regional Sales Manager) visited the crew during the tour and presented the FreeSpeak II demo as an upgrade to their then-analog two-wire system from Autograph Sound. They loved it, and it was delivered two weeks later to finish the tour's second half.

While that hybrid system worked for a while, ultimately, the crew favored Clear-Com's ultra-low latency and

crystal-clear sound and decided to expand the system to all departments to unify them for subsequent tours.

The introduction of FreeSpeak II to the tour was also based on a desire for the show to work more theatrically, which requires a good comms system. In the interim, comms evolved substantially, with more people requiring comms overall, discreet channels, and additional automation, which led to replacing analog for HelixNet by using LQ Series to distribute comms entirely over IP on a network that has only increased in scope since that original tour.

Beyond that, the durability Clear-Com equipment is well-known for was also a plus. "Clear-Com's beltpacks are really rugged," White continues. "In fact, when Ben first demoed [FreeSpeak II] for me, he literally threw my beltpack across the room. He said, 'Look, isn't that great?' and I said, 'Hey, I've just bought that!'" He adds, laughing, "But it didn't break!"

"Clear-Com's systems are robust," Wells concludes. "It's set up in a way that it just turns on and works seamlessly every day, allowing all the various crews on tour to collaborate with ease. You just plug it in, and it's crystal-clear, and it just works."

www.clearcom.com

Sennheiser sponsors live audio technology at WMAS

Sennheiser was the official audio sponsor of the United States reception during World Radio Conference 2023. Organized in the opening week of the conference, the event was a resounding success, welcoming more than 1,200 delegates who enjoyed a captivating gig by the Sonic Crusaders. The band used Digital 9000 wireless microphones, with a hand-built WMAS development prototype ensuring crystal-clear digital in-ear audio for the band members. Dubai-based event service provider 3DB, with project manager Stuart Andrews, supplied all audio, video, lighting and stage production requirements for the event.

"We are honoured that the U.S. ITU Association (USITUA) selected Sennheiser as the audio partner for its prestigious reception," says Dr. Andreas Wilzeck, Head of Spectrum Policy and Standards at Sennheiser. "For the show part, we operated a hand-built broadband WMAS prototype and several conventional narrowband digital wireless links simultaneously, proving the effortless co-existence of both technologies."

Stuart Andrews, project manager at 3DB: "Thanks so much for the amazing opportunity to work with the Sennheiser team and be able to road test the WMAS technology in a real-life concert environment! We were blown away by the prototype, the concept and design is fantastic, the performance is just 'next level'. It will be a game changer on so many levels in live audio."

The United States Reception took place on November 22 on the roof terrace between the twin Jumeirah Emirate Towers (JET), a challenging outdoor location due to the wind conditions. As the main wireless system for vocalists and acoustic guitar, 3DB employed an EM 9046 receiver with seven SKM 9000 handheld transmitters and one SK 9000 bodypack. The two handhelds for the lead vocals were fitted with super-cardioid, high-

rejection MM 445 capsules, and the five handhelds for backing vocals with cardioid MD 9235 heads.

Wireless monitor signals were provided by a hand-built WMAS development prototype. Jason Banta, FOH engineer for the event, was full of praise: "The WMAS technology will relieve a lot of pressure on an otherwise loaded RF world. Transmission of the prototype was rock solid with no perceivable latency to my ears. The sonic quality

was everything you would want from Sennheiser."

Vocalist Susan Andalaro supported Banta's praise: "The WMAS prototype delivered the bestquality in-ear monitor signals I have heard to date. I could hear everything the band members were doing with impeccable precision." Vocalist Vanessa Pare added: "I was very impressed. The balance between the instruments on the in-ear monitors was exactly what

Jason Banta, FOH engineer for the event

The WRC U.S. reception included a live concert by the Sonic Crusaders

A WMAS development prototype was operated alongside conventional narrowband systems

The WMAS development prototype was employed as an IEM system, with Digital 9000 mics being used for vocals

I was looking for, and I did not need to remove the ear pieces at all during the show. The sound quality was very crisp throughout."

"I had the unique opportunity to indulge in Sennheiser's new WMAS technology, using it for inear monitors. This prototype not only exceeded my expectations but offered a truly immersive and exceptional audio experience. From flawless connectivity and interference-free performance to crystal-clear sound, it left an indelible impression," sums up Dave Tarzian, the band's musical director.

Wired evolution microphones captured the drumkit, with e 901 and e 902 on the kick drum, e 914s as overheads, as well as e 904 and e 908 for toms and snares. The two guitar amps were miked with e 906s, while the bass amp was captured by a classic MD 421 II. 3DB also ran two EW-DP systems for the guitarists to connect wirelessly to their pedal boards. This gave them freedom of movement around the stage – and even out in the crowd.

Dr. Wilzeck concludes: "A world radio conference is filled with complex topics and different views. With their music, the Sonic Crusaders touched people's hearts and brought them closer together. Of course I also hope that this gig contributed to a deeper understanding of what audio PMSE is all about, because people will protect what they love."

3DB created a wireless pedal board solution with a wireless EW-DP receiver

www.sennheiser.com

Photo © 3DB

Pulp's encore supported by Skan PA Hire

For their summer reunion shows across the UK and Ireland, Pulp took a Skan-supplied control package for performances at Latitude Festival, London's Finsbury Park, Isle of Wight Festival, Dublin's St Anne's Park plus many more, while Sheffield's Utilita Arena hosted the band for two nights with a Skan d&b PA rig in tow.

"I quickly recognised the need for attention to detail, quality equipment and a great crew, so Skan were my first and only choice for this tour," Production Manager, Joel Stanley begins. "After my initial calls with Barak Koren, our FOH Engineer, I knew that audio would be the only department that wasn't going out to tender. Our Monitor Engineer, Ilias Andrianatos, had worked with Skan before, and so we have a happy camp all round."

An engineer in demand, Barak's own artistry is backed by an Avid Venue S6L 32D control surface, and he employs Avid ProTools, Waves Plug-ins and Smaart acoustic measurement software. "My Avid Venue S6L is always integrated with Waves. I'm a big fan of Waves' sound and products, and I have some additional hardware choices such as distressors and reverbs." Namely: two Waves Server Extreme C's, Waves plug-ins, an APi 2500 Compressor, two Empirical Labs Distressors, a Lake LM 44, Lexicon 480L Reverb, Eventide H3000, and a Yamaha SPX 2000 Multi Effect Processor. "Then, when it comes to choosing a vocal microphone, it's not just about how it sounds, it's how it behaves, and the way it behaves depends on the way the singer uses it. Every mic has its own character, and Jarvis has his own character; he's very active on stage," he adds. Together, they chose the Audix OM5, which Koren confirms "suits Jarvis very well."

Koren's PA of choice has always been d&b audiotechnik. For the Sheffield shows, the PA was designed by Finlay Watt, Joachim Dewulf and Koren, creating the ideal system for the space. It has main and side hangs of KSL with

Ilias Andrianatos; Alfie Wilcox; Elliott Heal; Emma-Jane Lee; Jan Pickup; Barak Koren; Joel Stanley

flown J Subs and SL Subs in the pit. For front fills it's Y10P cabinets, and for delays, more KSL loudspeakers, all powered by d&b's D80 amplifiers.

Monitor Engineer Ilias Andrianatos Andrianatos works his Quantum 5 with two SD Rack 32Bits, Reaper Record on M1Pro MacBook Pro and a DiGiGrid MGB. For stage fills, its L-Acoustics Arcs (wide and focus) on LA12-x, and d&b M4 wedges on d40 comms. The band uses in-ears, preferring Shure PSM 1000s.

RF engineering is accounted for by Crew Chief & RF Tech Emma-Jane Lee.

The Skan team is completed by FOH Minder, Jan Pickup, Monitor Minder, Alfie Wilcox, PA System Engineer, Finlay Watt and PA Technicians, Tim Miller and Trystan Forbes.

In closing, Stanley confirms his vendor choice was the right one: "I've personally forged a strong relationship with Skan's Chris Fitch and his team, and I have a lot of time and respect for him and the company he's built. As expected, Skan's service has been second to none."

skanpa.co.uk

Photo © Todd Martin

panLab Console brings spatial audio to the Southbank Centre

panLab Console, the new spatial audio solution from Innovate Audio, enabled a surround sound performance at London's prestigious Southbank Centre on 4 November, when cellist and composer Peter Gregson presented a performance of his 2021 album, Patina, in the Southbank Centre's Queen Elizabeth Hall Foyer. Patina was written and recorded for spatial audio, so a live surround sound presentation was a natural step – albeit one that required a touch of audio innovation. Called Patina 360, the presentation, in which Gregson was accompanied by the Carducci String Quartet, was planned by sound engineer Brett Cox, with help from one of the Southbank Centre's senior sound technicians, Tony Birch.

Photo © Tony Birch

(L-R) senior sound technician Tony Birch, sound designer Brett Cox, cellist & composer Peter Gregson and Innovate Audio's Dan Higgott

Birch explains, "Our head of classical music, Toks Dada, invited Peter to stage the piece in the Foyer as one of our series of late-night classical events. The Foyer space is far from conventional, but with some lateral thinking it's perfect to deliver an immersive experience. Peter brought in Brett as sound designer, and as I had worked with him on previous Southbank commissions, the team was neatly pre-formed. Brett had a clear idea that he wanted to work in conventional surround, but critically with height."

Building on the success of its proven panLab 3 software, Innovate Audio's panLab Console, launched at the PLASA Show in September (where it was given a commendation by the PLASA Awards judges) adds fast and accurate spatial audio functionality to a range of live mixing consoles. Birch had been involved in the development of panLab Console after seeing a post from Innovate Audio's Dan Higgott on social media, and had big plans for its future use, so it was an obvious choice for this project.

A large and dynamic area, the Foyer has a capacity for 900 guests and is used for a range of events including awards ceremonies, club nights, receptions and product launches.

The plan for Patina 360 was to deliver a surround sound format with the all-important height layer. With Dan Higgott developing the 3D user interface, which is an essential feature of panLab Console, Birch made plans to achieve the desired immersive sound reinforcement with the new system, eventually being able to conduct a demonstration. He says, "One slice of the system was tested to prove that the concept for the height speakers actually works, which – I'm thankful to say – it does!"

At the heart of the sound system is a Yamaha QL5 mixer. Birch adds, "panLab Console drops straight into our Yamaha workflow and opens up the whole system to be able to mix the live and recorded sources in one environment."

For the performance, Birch created a conventional 7.1 surround sound system (minus the centre channel) consisting of Meyer Sound M'elodie (the ultracompact high-power curvilinear array cabinet) and UPJ -1Ps (the compact 10" speaker). In addition, he included a 'height' layer of six miniature Meyer MM-4 speakers, pointing upwards into six of the iconic inverted pyramids in the Foyer's ceiling. "The reflection from these pyramids creates a brilliant umbrella of coverage,

Photo © Pete Woodhead

which also maintains HF clarity," says Birch. Summing up, Birch says, "In this and most other spatial audio instances, with panLab Console you can get the source to be where it needs to be, very quickly. While there's nothing new in sending to a multidimensional speaker system, there is something new in the speed and accuracy with which panLab Console can achieve this. And importantly, like its sibling panLab 3, panLab Console is not a critical component in your workflow: you can park your sources where they need to be, save that to a console scene and turn panLab Console off if you're not using it for any sequenced or live movement." He adds, "panLab Console has changed my workflow in planning projects, as I'm now using it rather than CAD to visualise sound spaces, as it's infinitely quicker and ultimately, it shows what the client/artist will hear."

innovateaudio.co.uk

Arcadia streamlines functionality and workflows for Cincinnati Playhouse in the Park

For over 60 years, Cincinnati Playhouse in the Park has presented masterful theater performances and has consistently expanded its commitment to its patrons from Greater Cincinnati and those who come from far and wide to experience its wide-ranging programming.

With the installation of Clear-Com®'s Arcadia® Central Station, FreeSpeak Edge®, and FreeSpeak II® Wireless Intercom Systems as part of their 2023 expansion, the multiple Tony Award-winning facility has increased its ability to communicate fluently across its entire campus.

Following a large capital-raising campaign, the Playhouse just opened a new building in March. "It was a total campus renovation," explains Aaron Stephenson, A/V Supervisor for the Playhouse. "It was a big investment for the build, but also [for] the technology needed to make it functional." Aaron explains that the large, nonprofit theater frequently aspires to transition shows to Broadway, and has won a Tony Award for a show they successfully transitioned to New York. Because of this, they needed a backstage communication system that could handle very different needs for productions ranging from dramas, jukebox musicals and farces to big Broadway shows with a 26-person cast and 20-person orchestra. "We need to be able to facilitate communication between all of those," Aaron says. "And we often have specific channels where you have one team talking about one thing and another team talking about another thing, so we can work efficiently to get these shows up and running to make great theater."

Aaron Stephenson

Ultimately, the Playhouse installed Arcadia because it could handle all their comms in the 537-seat Moe and Jack's Place – The Rouse Theater and the 172-seat Rosenthal Shelterhouse Theatre. "Arcadia combined all the functionality we required in one device," Aaron says. "No matter what we need, we can facilitate it in both spaces, which none of us expected we'd be able to do with one base station. So it has exceeded our expectations."

Arcadia was up and running when staff got into the new building in February 2023. "Even though we had minimal training on the system, when we set it up, it worked on the first try, which is rare. Right off the bat, the cross-platform functionality – using all these different Clear-Com technologies together and being able to communicate between them – was tremendous." The system consists of FreeSpeak Edge, FreeSpeak II, and a previously-used analog 4-channel wired system – all of which are run

The Rouse Theatre
Photo © Mikki Schaffner

simultaneously through Arcadia, allowing for fluent, reliable communicating between digital and analog, wired and wireless, comms. "We can also create custom groups/channels that we can change to meet the distinct needs of tech rehearsals, previews, and production, which serves us very well," Aaron adds. "We've been devoted Clear-Com acolytes for years," he continues. "Moving to Arcadia, FreeSpeak Edge, and FreeSpeak II offers substantial benefits in meeting the Playhouse's unique comms needs."

www.clearcom.com

FreeSpeak Edge® Wireless System

Clear-Com's FreeSpeak II "Truly Shines" on 'America's Test Kitchen'

There's no show on television quite like "America's Test Kitchen" (ATK) – a well-known and beloved half-hour cooking episodic broadcast by public TV stations and distributed by American Public Television. To ensure the production crew has reliable multi-channel communications for both "ATK" (and their other production, "Cook's Country") AV/Broadcast rental production company Talamas turned to Clear-Com® with confidence. "ATK" is a true passion project of teaching and helping viewers cook with confidence. In its 2,500-square-foot kitchen located just outside of South Boston in the beautiful Innovation and Design building, it is home to dozens of test cooks, food scientists, and cookware specialists. During the weeks that the production team shoots episodes, there is a demanding set of requirements for crew communications. Michael Duca, General Manager of rental company Talamas, supplies all the gear for their productions and has extensive experience deploying Clear-Com systems in a wide range of applications and configurations. In this case, he chose a FreeSpeak II® Digital Wireless Systems to help the on-set crew communicate clearly with ease and efficiency and to allow them to focus on the production needs rather than the hardware they're using.

www.clearcom.com

George Gvaji invests in a Prism Sound Dream ADA-128

After a six-year love affair with his three Prism Sound Titan audio converters, Georgian producer, composer and sound designer George Gvarjaladze has swapped them for a new Prism Sound Dream ADA-128 modular conversion system. "The unit's flexibility and smaller footprint were key reasons why I chose to replace my three Titans with an ADA-128," says George, who is mostly known as Gvaji, his teenage nickname. "Just one box can do the job of all three Titans – in fact it could do the job of eight! – and as soon as I heard it was being released, I wanted to be among the first studios to own one." "A lot of the work we do has a high track count, so having plenty of DSP power is essential for painless mixing," Gvaji says. "I'm not quite at the point where I need 128 channels, but it is great to know they are there if I need them. And, of course, I'm getting Prism Sound audio quality, which is so important. All the best people use Prism Sound and I like being among that company."

prismsound.com

NEXO GEO M12 enriches Kingston Butter Factory cultural precinct

Once a bustling facility that produced lashings of dairy in the early 1900s, Kingston Butter Factory has endured as a historical fixture of Queensland's City of Logan. Now a thriving cultural precinct, the old factory's iconic red brick building and ample grounds have been renovated and repurposed to become the creative centre of Logan's community. Central to hosting events and live performances is Kingston Butter Factory's versatile outdoor space, boasting an expansive stage looking out over a fan-shaped audience area of over 5,200 m². The newly renovated setting called for a high-performance professional sound system with comprehensive acoustic coverage.

The Kingston Butter Factory Cultural Precinct is now equipped with an exceptionally capable permanent line array installation, consisting of 6 x GEO M12 cabinets and 2 x GEO MSUB 18's flown on either side of the stage, with an additional 2 x GEO MSUB 18's ground-stacked on both sides (totalling 12 x full-range modules and a tremendous 8 x MSUB modules).

As Nathan Roser, Kingston Butter Factory's Technical Production Manager explains, selecting the perfect setup to fulfil the cultural precinct's audio needs was a clear-cut choice. NEXO's French-engineered loudspeaker systems have historically been a trusted favourite of Logan City Council, with their premium quality and functionality making a positive impression across multiple Logan Arts venues:

"Our audio requirements as a venue are wide and varied. What we have gained with the GEO M12 is a great performing speaker system from a brand that we love and have used before. Kingston Butter Factory is the third venue that Logan Arts has equipped with NEXO. The Logan Entertainment Centre was the first to receive a NEXO system, and we have been relying on the brand ever since. It has worked and continues to work well

for us, meaning that we can deliver for our operators consistently, and our audiences always leave having had a great experience. We used NEXO's software packages to map the venue, and the translation from software to reality has been excellent. The M12 and MSUB 18 have great build quality and excellent performance."

nexo-sa.com

Garage One adds L-Acoustics Kiva II to inventory

Founded in 1989 by professional event planning and production company Staff Co., Garage One Co. was established to sell musical instruments and rent brand-name music rehearsal studios in the beach city of Fukuoka. A decade later, the growing Garage One stepped into the events segment, providing live audio and lighting solutions across the prefecture's capital on the northern shore of Kyushu Island. Since then, Garage One's decades-long expertise in providing equipment and technical support for a varied program of events has led the company to position the business to support larger scaled events. When Garage One hosted a technical demonstration in which local event organisers and decision-makers heard an L-Acoustics Kiva II system, the favourable reviews by guests led Garage One to acquire the long-throw concert sound system for its permanent inventory to bolster its support for mid-to-larger-sized events. Following the addition, an indoor sporting event in a small gymnasium was the ideal opportunity to introduce the brand-new Kiva II system. Garage One deployed six Kiva II and two SB15m subwoofers per side for the event. The system's swift set-up time, handled by just a lone member of its team, allowed for easy integration for the pop-up event. Garage One can also specify Kara II as the main left/right system for event briefs in larger halls, with the Kiva II boxes deployed as fills. This wide range of event specifications will allow the company to scale operations to each event site, especially with the support of four new L-Acoustics LA4X amplified controllers in its inventory.

fuk-staff.com
l-acoustics.com

KLANG brings new monitoring tech to Lionel Richie's classic sound

It can take a while to get a group of people to embrace a new way of doing things, and it certainly doesn't help when a two-year-plus-long pandemic complicates the process. However, it is easier when the new way is so undeniably amazing that everyone really does embrace it. That was definitely the case when monitor engineer Lorin White. Indeed, White's sensibilities are as keen as his mixing ear. The entire band had been on IEMs already and were comfortable with the system they were using; what he had to do was convey the additional creative potential that KLANG's 360-degree capabilities could bring to their stage experience.

"There are no loudspeakers onstage at this show, so it was all about showing how another approach to IEM could provide an advantage," he says. During some shows in Europe, with relaxed spacing between gigs, White decided to first approach Richie's longtime musical director, Chuckii Booker, with the idea of using the DMI-KLANG on the upcoming "Sing A Song All Night Long" tour with special guests Earth, Wind & Fire. For the North American tour, Sound Image, a Clair Global brand, has supplied White with a DMI-KLANG card-equipped DiGiCo Quantum7 console, while FOH engineer Gordon Mac is mixing the shows on a Quantum338. As expected, the introduction of the KLANG platform has led to a few subtle but significant dynamic changes to arrangements of some classic songs as the band have begun to experience them and each other in a completely new way. "The monitor mixes are no longer on just a stereo plane; things can go up and down as well as left and right," White adds. "The whole 3D aspect of KLANG has brought a new level of clarity onstage, while simultaneously helping to lower the overall IEM levels. It's not an exaggeration to say that DMI-KLANG has changed everything for the better."

klang.com **sound-image.com**

Britannia Row Productions' historic union with Depeche Mode

Depeche Mode's sound has been a huge part of the electronic rock landscape since it hit the airwaves in the 1980s, and today, fans continue to amass in their hundreds of thousands to hear them perform.

Led by Production Manager Tony Gittins and touring in support of their 15th studio album of the same name, band members Dave Gahan and Martin Gore bring Memento Mori to the live stage for another world-class feat. With help from Britannia Row Productions Account Executive, Dave Compton, the touring audio team has specified a plethora of high-end tools including an L-Acoustics K Series PA system, and SSL and Avid control surfaces.

The European stadium leg of the tour benefitted from main speaker arrays of L-Acoustics K1 and flown KS28 subs next to the main hangs. KS28 subwoofers were placed on the ground in a 3-high spaced sub arc, no cardioid. Ground fills were L-Acoustics KARA II, and A15s, which gave coverage to the nearfield at the front, with the ever-changing stage heights and PA trim. Further K1 cabinets were utilised for the ground delays. The system is driven by L-Acoustics LA12X amps throughout, with 2 x P1 processors on the front end, driving AVB to the amplifiers over an optical fibre loop with analogue redundancy. Hulkes uses a software combination of the M1 system in the P1 processors and SMAART.

At FOH, Engineer Jamie Pollock says mixing this tour has been an "honour." "To be trusted with translating Depeche Mode's live sound correctly has been a lot of work as they have a massive catalogue of songs that span over 40 years - and their dedicated fans know every detail of their music!" he says.

Monitor Engineer Mike Gibbard describes Memento Mori as a 'complex' gig due to the amount of channels and FXs being used. "The fact I'm having to blend a mix of wedges,

FOH Engineer Jamie Pollock

Monitor Engineer Mike Gibbard

Production Manager Tony Gittins

IEMs, and having to take the PA into account is complex," he explains. The surprisingly minimal RF dept has just 12-ways of IEMs and six handhelds, as overseen by Monitor & RF Tech, Alex Hore.

The Shure PSM1000s cover the band and crew, plus Gibbard has 16 d&b audiotechnik M2 wedges on stage. "It's busy up there. I treat the flown sidefills as if it were a FOH system," adds Gibbard, whose console of choice is the SSL 550, with 3 ML32-32 stage boxes running 96 channels in and out. Gibbard has an Antelope OCX HD Master Clock, clocking everything at 96k and two DiGiGrid MGBs handling the multi-tracks, a pair of Universal Audio UAD Live Racks, plus a mixture of onboard features from the SSL for plug-ins.

Gibbard has four stereo FX sends coming from FOH in order to obtain a "very specific processed sound" on certain tracks. All Dynamic EQ comes from the SSL, as well as some buss compression that utilises the desk's onboard G-Series plug-in.

britanniarow.com

Photo © Belinda Enthoven

Infernal Beatbox dazzles fans online with help from AKG

To deliver complex and detailed beatboxing to his online fanbase, beatboxer and content creator Infernal Beatbox utilizes the versatile and affordable AKG Podcaster Essentials bundle featuring the AKG Lyra USB microphone and K371 closed-back studio headphones. Along with his well-tuned skills, Gottarelli knows that the key to dynamic and impactful beatboxing is to use the right recording equipment, which is why he regularly uses the AKG Podcaster Essentials bundle. Designed as a comprehensive and affordable starting point for podcasters, musicians and content creators, the AKG Podcaster Essentials pairs the AKG Lyra microphone and K371 headphones with advanced software like Ableton Live 10 Lite and a free introductory recording course from Berklee College of Music. The AKG Lyra features a four-capsule adaptive array with adjustable polar patterns, simple on-board controls and USB-C compatibility, making AKG's legendary sound quality more accessible to creators of any experience level. The Lyra also includes a headphone jack for zero-latency monitoring, making the AKG K371 an ideal pairing thanks to its noise-suppressing, closed-back design and extended 5Hz-40kHz frequency response. For Gottarelli, having a recording setup capable of capturing and conveying a wide range of dynamics and sonic detail is crucial for recording his intricate beatboxing style, which is why the AKG Podcaster Essentials is a natural choice. Along with the AKG gear, Gottarelli has also made use of the Ableton Live 10 Lite software and Berklee course to gain a better understanding on how to record and produce professional-sounding audio at home.

pro.harman.com

Meyer Sound joins the celebrations for 50th Telluride Film Festival

In a small resort city nestled high in the Colorado Rockies was the center of the cinema world as scores of movie industry luminaries gathered for the 50th anniversary of the Telluride Film Festival. Meyer Sound was again a key supporter of the festival, returning this year as a Signature Sponsor and Cinema Sound Partner. Meyer Sound cinema audio systems carried the soundtracks at four of the festival's principal theaters, three of which were spaces temporarily repurposed for the weekend's festivities. Three of the large temporary theaters, the Palm (650 seats), the Galaxy (500 seats), and the Werner Herzog Theater (650 seats) are equipped with similar Meyer Sound screens and LFE systems. All three have Acheron® cinema loudspeakers over Acheron LF low-frequency loudspeakers for the LCR channels, and all have X-800C™ cinema subwoofers — ten each at the Palm and Herzog, nine at the Galaxy. The surround systems deploy HMS-10™ surround loudspeakers. The intimate (165 seats) Nugget, the only permanent cinema, also has Acheron screen loudspeakers, but without LFE units, and only five of the X 800C cinema subwoofers. Surrounds are the more petite HMS-5™ models. For the Q&A sessions following many of the showings, three theaters offer temporary Meyer Sound PA systems with combinations of UPQ-1P™ or UPJ-1P™ loudspeakers with companion 750-LFC™ low-frequency control elements or Amie®-Sub subwoofers. The Palm Theater — a transformed high school auditorium — has a permanent Meyer Sound PA system with M1D™ line array loudspeakers and 700-HP™ subwoofers.

meyersound.com

DiGiCo Quantum5 and KLANG deliver perfect solution
for Jacky Cheung 60+ Concert Tour

Renowned Hong Kong singer and actor Jacky Cheung kicked off his latest tour on June 9th at The Venetian Macao Cotai Arena in Macau, China. The Jacky Cheung 60+ Concert Tour not only signifies the 10th solo concert tour of his illustrious career but also marks the superstar's first large-scale event after celebrating his 60th birthday. The current world tour, extending into 2024, has already broken records by selling over 109,000 tickets for the Cotai Arena and hosting 11 shows at the Singapore Indoor Stadium – a feat unprecedented among any previous artist in a single leg of a concert tour in Singapore. DiGiCo Quantum5 consoles and a KLANG immersive monitor system for the tour, provided by Rightway Audio Consultants (RAC), DiGiCo's official distributor in China.

At the project's outset, the RAC team offered support in system design, setup, and decisions about the mixing console to be used, as well as the connectivity of the KLANG system. It was during this phase that they recommended to use the Quantum5, which comes equipped with the latest features, allowing engineers a greater space to create outstanding results.

The unique nature of the live performance included a large-scale orchestra. To ensure an exceptionally high standard of audio, each instrument was individually picked up by deploying a large number of microphones, and each musician required a dedicated monitor mix capable of being controlled by themselves," says Pan Weijie, System Engineer at Rightway Audio Consultants. "This necessitated Monitor Engineer, Mike Wong, deploying a substantial number of output busses, plus six groups of MADI outputs. The Quantum5 proved to be the ideal console for effectively managing these complexities, with a total of 175 inputs and 150 outputs being utilised."
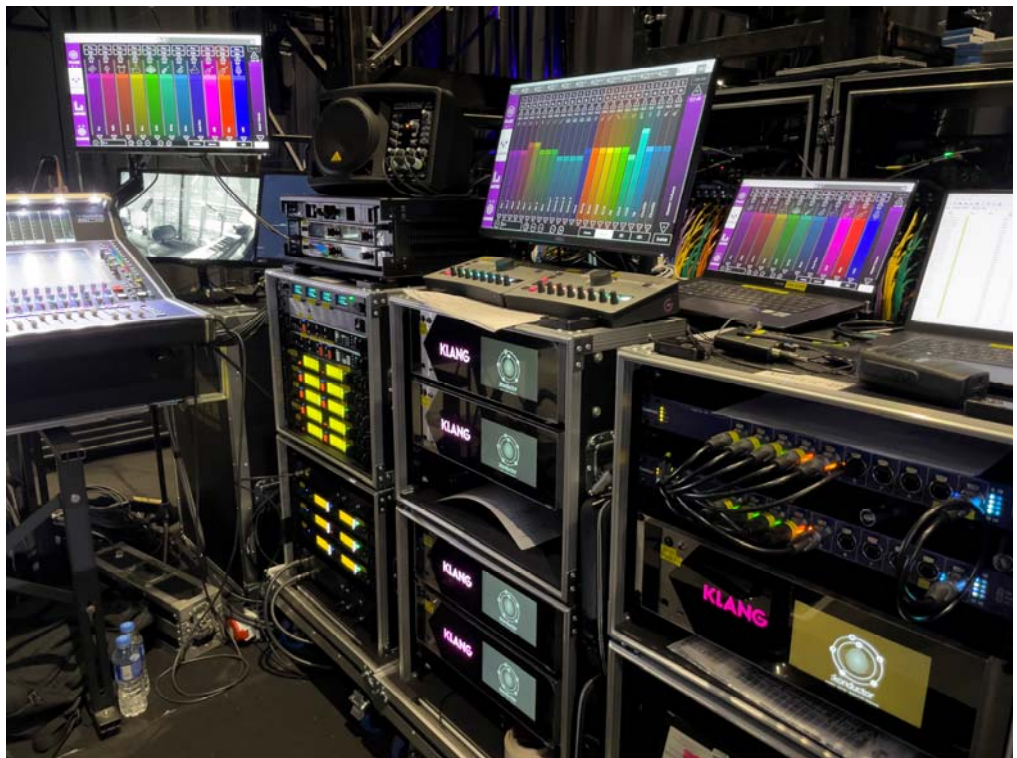
With the integration of KLANG, the feeling of being sonically isolated is eliminated and effectively brings the feeling of a natural, acoustic environment into the headphone mixes. In addition, the objects could be visualised in the KLANG:app interface, enabling intuitive yet precise positioning of instruments by simply dragging the icons, offering the musicians naturalness and flexibility in shaping the sound within their individual in-ear monitors.

Quantum5 consoles were employed for both FOH and Monitors, with the latter benefitting from DiGiCo's seamless integration with KLANG.

Li Wenxi, RAC's Senior System Engineer was on hand for monitoring support during live performances at Cotai Arena and was delighted with the Quantum 5's performance.

digico.biz

Yeah Yeah Yeahs tour internationally with dual dLive S5000s

New York indie rock group Yeah Yeah Yeahs are back on tour, with show dates in the US and internationally. Handling mixing duties for the tour are Daniel Good and Nahuel Gutierrez. "We did two shows at the Ace Hotel in Los Angeles and the band performed one more show in New York," explained Good. "At that point we weren't sure if Yeah Yeah Yeahs would ever be performing again, so it was cool to get contacted again after their album came out." Good and Gutierrez are each mixing on Allen & Heath dLive S5000 surfaces, along with DM0 MixRacks handling 128 channels of 96kHz input processing. For I/O, various DX168 expanders are distributed on the stage. A SuperMADI card was also included, which allows for a simplified multichannel broadcast feed when needed, as well as a 128-channel Waves card for multitrack recording and playback. The tour package was provided by Worley Sound, a boutique rental company out of Nashville, TN.

allen-heath.com

CJD Productions tours with custom dLive Build

When sound engineer Chris DiCorpo made the switch to Allen & Heath's dLive platform, he already understood the concept of mixing without a full-fledged dLive control surface. "I had a CDM32 MixRack and an IP-8 controller for a while," he explained. "I was mixing with just the IP-8 for faders, and a laptop running dLive Director to make deeper configuration changes." Compact dLive 'Wings' rigs like DiCorpo's allow for lightweight systems that can easily be transported without sacrificing processing power - since all 128 channels and 64 busses of 96kHz FPGA processing are handled in the MixRack. "I actually did take that system out to the UK for a few shows, which was a cool experience," he recalled. "I knew this compact setup was the way to go, but I wanted something more robust." DiCorpo chose a Mac Mini for his new front of house rig, which runs dLive Director, manages the Waves SoundGrid network, and allows multitrack recording and virtual soundcheck with his DAW. The two IP-8 controllers are powered using a PoE switch, which also acts as a network interface with the dLive MixRack, computer, and Waves server. A wireless router is also connected to the MixRack, which sits at the stage for performers to control their monitor mixes using mobile devices. For screens, DiCorpo mounted two 12" touchscreen monitors on arms that can be removed when the rig is transported.

allen-heath.com

NEXO powers the Lakefest visitor experience on every stage

From the smallest comedy tent to the main stage, NEXO sound systems featured exclusively at this year's Lakefest, a family-focused 4-day festival attracting over 18,000 visitors to the beautiful surroundings of Eastnor Castle in the UK county of Herefordshire.

In a feat of collaboration, the festival organisers and Bluestone Audio brought together no fewer than 13 UK NEXO rental partners to provide sound systems on the various stages. "Lakefest this year was a great festival for showcasing our NEXO GEO M12 line array with flown MSUB18s supplemented by cardioid pairs of RS18 subs across the front of the stage" reports Bluestone owner Sam Brook. "We used NEXO GEO M10s for delays and NEXO P+ point source boxes as front and side fills, and stage monitors.

"The system sounded great, set up really well with nice amounts of low-end from the hung MSUB18s, giving a great amount of punch" commented Angus Price, FOH sound engineer for first night main stage headliner Johnny Marr. "And really good coverage from the GEO M10 delays, voiced exactly the same as the GEO M12s."

Retrospective of House and Funkytown tents featured legendary NEXO Alpha ground-stacked systems with a GEO S12 system in the Amped tent and a smaller GEO M line array on Cheshire Cat Club comedy stage. Stages in the VIP, Cocktail and BBC Introducing tents featured NEXO point-source systems, with compact NEXO ID Series speakers used on the VIP viewing platform and the BMX cycling track. Even the Artist's Green Room was NEXO-equipped.

Assistance for the event was provided by UK NEXO staff Gareth Collyer and Rich Soper, with technical assistance from Bertrand Billon of NEXO's Engineering Support team.

nexo-sa.com

The Standard, Bangkok Mahanakhon elevates the luxury guest experience with JBL Professional

Nestled in the iconic King Power Mahanakhon skyscraper in Bangkok is the Standard's flagship hotel wth rooms ranging from 40 sq.m to a sprawling 144 sq.m penthouse. To complete the immersive hospitality experience for guests and visitors, the Standard required a robust background music system for its public areas, restaurants, terraces and meeting rooms. To meet this request Mahajak Co., Ltd and Atkrist Co., Ltd. deployed a range of solutions from JBL Professional, Crown and BSS. Given the variety of rooms found throughout the hotel, the installation team broke up each floor into multiple zones to assess the unique audio requirements of each space and identify the right equipment to install. For the lobby, reception and restaurant areas, the team deployed JBL Control 14C/T, 16C/T and 328CT coaxial ceiling speakers. Additionally, JBL Control 28-1 speakers offer coverage and weatherproof durability for the 2nd-floor restaurant. For the outdoor terraces, the team selected the weather-resistant JBL AWC82speakers. For outdoor areas where ceiling or wall mounting wasn't an option, including the hotel terraces and pool bar, Mahajak installed JBL Control 85M mushroom-style landscape speakers which also blends into the surroundings. On the backend, HARMAN's comprehensive software HiQnet Audio Architect allows for quick and simple controlling and configuration throughout the hotel's audio systems. Crown DCi4|300N, DCi4|1250N and DCi8|600N amplifiers provide ample and efficient power for the speakers, and BSS EC-V and EC-4BV wall-mounted ethernet controllers offer easy volume and music control from anywhere in the hotel.

pro.harman.com

Metinteractive designs audio system for Osgood Park

Osgood Park in New Britain, Connecticut experienced a complete makeover in 2023. Metinteractive, which provides strategic solutions for architecture, communication, and technology, met the challenges of a short turnaround and continuing supply chain issues to furnish audio reinforcement for the public park's new football field. McPhee Electric Ltd., the overall electrical contractor for the project, hired Metinteractive to design the audio system for the new football field. "We have had a good relationship with Metinteractive on previous projects and knew their knowledge of audio equipment would enable us to get the best gear approved and delivered at a time when availability is still a challenge," says Peter Manning, McPhee's Senior Project Manager. "The client wanted to have a quality audio system, something that would be on par with lighting and the level of their new facilities." Metinteractive chose four JBL AWC129 professional loudspeakers,mounted on light poles at either side of the field to ensure clear sound for both the visitor and home teams. "They are a high-quality, cost-effective speaker to handle game calls, music, half-time entertainment and announcements." explains Tunkel. "The JBLs can really put out some sound in an open-air park," Manning notes approvingly. Crown amplifiers complement the new speakers. The rack is outfitted with a QSC MP-M40 music and paging mixer/processor with a wall plate touchscreen controller, chosen for its user-friendly operation. The rack also houses a dual-channel Sennheiser Evolution EW-D digital wireless microphone with handheld, lavalier and body pack options. It can be used by the game announcer, national anthem performer, game caller and others. The system features cell phone, laptop and Bluetooth connectivity to meet increasing requests to synch activities to music such as playing music picks for practice sessions.

metinteractive.com

CTS AVL sends off Vanderbilt University's Class of 2023 with help from JBL Professional VTX Series

Vanderbilt University celebrated the Class of 2023 with a wide array of events and smaller gatherings ahead of the main Commencement Ceremony. While the Undergraduate Commencement was scheduled to take place on the campus' Alumni Lawn, poor weather conditions forced the ceremony to be moved to Nashville's Bridgestone Arena less than 24 hours before the event. This change meant that the CTS team had to install an indoor audio rig on short notice after already assembling rigs for the Alumni and Commons Lawns. Thankfully, JBL VTX Series speakers provided the team with the versatility, power, and ease-of-use needed to smoothly transition the ceremony to its new venue.

"This was our third year in a row that we've done the graduation ceremonies for Vanderbilt," said Mike Taylor, Vice President at CTS AVL. "We have typically done this in their football stadium and in their basketball gym, but both of those venues were not available this year because they're both under construction. So the university planned to host the ceremonies in Alumni Lawn and the Commons Lawn. And, well, weather happens—when the weather was coming down the pike as a potential problem for the day of the Undergrad Commencement, we started to functionally work on a plan a few days out, but the university did not want to make the call to move locations until the morning before. Sure enough, they made the call the day before at 10:00 AM. The graduation started at 8:00 AM the following day, so we had to basically put together a third system at Bridgestone Arena in 22 hours."

For the main Commencement ceremony, both the audio rig for Bridgestone Arena and original rig at the Alumni Lawn primarily utilized JBL VTX V20 line array elements as the main PA, wing and delay speakers. Built as a compact version of the industry

standard V25, the VTX V20 features a high power density three-way system and horizontal coverage up to 105 degrees in a compact and lightweight enclosure. Additionally, like the rest of the VTX Series, the V20 utilizes a specially designed suspension and rigging system for easy assembly and take-down—a particularly useful feature for the CTS team to meet the ceremony's tight turnaround. "The V20 has been really successful for us overall," said Taylor. "When it first came out, we adopted it early and bought over 140 of the boxes. We think the mid-sized box is better tuned for vocals, which is a lot of what we do as a company. Vocal clarity is more important to us than loudness, but the V20 luckily has both. It's basically a staple of all of our installs at this point."

Other speakers in the rig included JBL VTX G28 subwoofers, which provided extra low end and impact for videos and music cues without causing excessive distortion or muddiness. JBL VTX F12 multipurpose speakers, equipped with a D2430K D2 Dual Diaphragm Dual Driver and a bi-amplified two-way system for maximum flexibility, served as wedges for clear and consistent onstage sound, while JBL VRX932 line arrays completed the front fill sections.

The Commons Lawn, which was used for Graduates Day festivities the day before the Commencement ceremony, utilized a smaller but similar rig that included JBL VTX F12 and G28 speakers. The main difference was the use of the JBL VTX A8 line arrays, which provides optimal output and horizontal coverage up to 110 degrees in a compact enclosure.

jblpro.com
pro.harman.com

UltraSound completes first PANTHER Club install at The Fillmore

A San Francisco landmark, and arguably the most celebrated venue in rock history, The Fillmore promises to carry its iconic status into the future thanks to a complete audio upgrade anchored by a new Meyer Sound reinforcement system. Built around the flagship PANTHER™ large-format linear line array loudspeaker, the new system was supplied and installed by UltraSound, LLC another company with deep roots in the rich history of San Francisco's post-1960s music scene. "Our prior Meyer Sound system maintained our reputation for more than fifteen years," notes Matt Lawsky, on The Fillmore staff since 1999 and principal production manager since 2011. "But it was clearly time to move forward. We had first looked at a LEOPARD® solution, but the timing worked out perfectly because, just when Live Nation gave us the green light, PANTHER had come out. UltraSound recommended it, and the cost was a wash because with PANTHER we need only seven boxes per side whereas LEOPARD would require 10 or more. So, we went with the very latest Meyer Sound technology." When The Fillmore reopened in 1994, after a five-year closure due to earthquake damage, UltraSound installed a Meyer Sound MSL-3 system in the room. UltraSound

Matt Lawsky, Production Manager, The Fillmore; Michael Bailey, Senior Vice President Booking, Live Nation; Amie Bailey-Knobler, General Manager, The Fillmore; Helen Meyer, Executive Vice President, Meyer Sound; John Meyer, President & CEO, Meyer Sound; Derek Featherstone, CEO, UltraSound, LLC

returned in subsequent years to install MICA line arrays with M3D Subs, culminating in this year's PANTHER system. In addition to the seven-each PANTHER arrays, the new system also includes two ULTRA-X40™ compact loudspeakers as front corner infills plus a third ULTRA X40 for overhead center fill. Interim bass power is supplied by six 1100 LFC™ low-frequency control elements, pending replacement by the newly introduced 2100-LFC™ elements later this year. Artist foldback is courtesy of ten MJF-210™ high-power stage monitors.

meyersound.com

Meyer Sound PANTHER for Hayden Homes Amphitheater

Hayden Homes Amphitheater in Bend, OR attracts top-tier touring artists with its stunning natural setting and superb technical facilities. Situated in the shadow of the snow-capped Cascade Mountains and bordered by the pristine Deschutes River, the approximately 8,000-capacity venue stepped up its regional drawing power this year by upgrading the house system for the summer season to Meyer Sound PANTHER™ large-format linear line array loudspeakers. The new system is supplied under a multi-year contract by Tacoma, WA-based Point Source Audio. According to Point Source owner Curt Hare, who serves as the systems engineer and handles FOH for bands without their own mixer, the improvements have been appreciated by artists and audiences alike. "Everyone has loved it," he reports. "I've heard some say it's the best system they've heard on the tour, and others say it's like working on near-field monitors. Words like 'transparent' and 'three-dimensional' come up, and some engineers have told me they are using less EQ and compression on their channel strips." The system comprises 12 per side arrays of PANTHER loudspeakers, with ten PANTHER-M™ cabinets over two PANTHER-W™ cabinets. Bass power comes from 12 1100-LFC™ low-frequency control elements arranged in cardioid configurations, while six ULTRA-X40™ compact loudspeakers supply front fill and two Galileo® GALAXY Network Platforms contribute to system drive and optimization. Ten MJF-210™ high-power stage monitors are available for artist foldback.
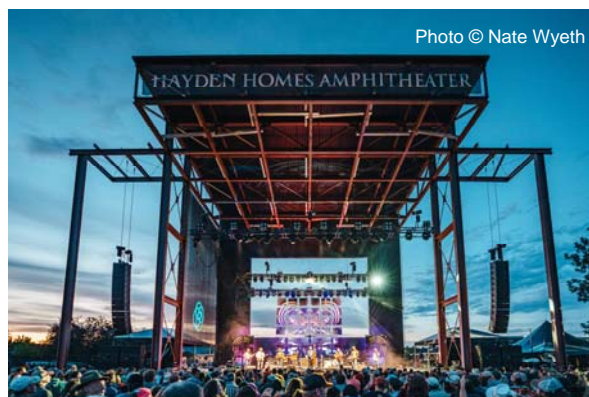
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Photo © Nate Wyeth

Curt Hare, Owner of Point Source Audio

DiGiCo 4REA4 the brains behind seamless format conversion and connectivity at UFFO Trutnov social centre

Named after Uffo Horn, an important native of Trutnov who greatly influenced the culture and politics in the region in 19th century, the Social and Cultural Centre of the Trutnov region has been serving the community since the end of 2010. This multifunctional facility provides a unique cultural space for a variety of events including theatre performances, concerts, exhibitions, conventions and balls. One of the centre's standout offerings is the vibrant and diverse programme of international festival, Cirk-UFF, which takes place at the turn of May and June each year. Given the diverse range of performances hosted at the venue, it was essential to maintain a flexible layout and adhere to touring standards to ensure seamless transitions between events. DiGiCo's Czech distributor, Pro Music, supplied and installed the specialist audio setup, which includes SD12 and SD9 consoles, as well as the 'invisible heart' of the system, the 4REA4 engine.

"With such a wide range of performances, from dramatic theatre shows, with elevated seating to flat-floor rock concerts, the SD12's compact size, impressive power, and flexibility make it the ideal console for the venue," says Petr Šťásek, Audio and IT Specialist at Pro Music. The console's DMI slots allow for connectivity with a wide range of formats, making it a versatile choice for live post or FOH positions. The SD12 is connected via Dante to both the stage boxes and 4REA4 engine. "To ensure seamless connectivity of all audio and control signals from the various systems, including Desk Link with the L-Acoustics L-ISA Controller for the L-Acoustics L-ISA PA system, a fixed Ethernet network with connection points throughout the venue is utilised," he adds.

The 4REA4 engine is at the heart of the audio setup, and serves as the central matrix that manages the connectivity

between Dante and MADI-connected consoles, as well as AES/EBU connected amplifiers and MADI-connected L-ISA Processors. The 4REA4 tie-lines enable the SD9 console, normally used on monitors, and an S31 in a control room, to utilise four A168D stage boxes as well as a couple of D-Racks spread around the venue, including Gain control on monitors.

"We have had the privilege of welcoming many guest engineers to the theatre, and their feedback on the DiGiCo SD12 console has been nothing short of outstanding," adds Radek Ježek, technical director of the venue. "The Desk Link feature is especially noteworthy, as it enables external control of the L-ISA Controller directly from the console, resulting in a seamless, natural, and intuitive use of

the L-ISA system. The 4REA4 engine, on the other hand, acts as the central matrix and enables full integration and format conversion between MADI, Dante, and AES/EBU protocols. Overall, everyone is thrilled with the setup, and now the audience can fully immerse themselves in the live shows with the multichannel sound experience provided by UFFO's cutting-edge audio system."

digico.biz

SÀN GIAO DỊCH ONLINE MỚI GIÚP KẾT NỐI NGƯỜI BÁN VÀ NGƯỜI MUA

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for Eclipse HX Digital Matrix

This release includes industry-first Role-Based Workflow, NMOS compatibility and support for the 2X10 Touch Desktop Panel.

Clear-Com® has released EHX 13.1, the latest version of configuration software for the Eclipse® HX Digital Matrix. EHX Version 13.1 delivers an industry-first innovation with role management advancements for a streamlined configuration process and improved user experience, making it easier for users to stay connected. This update also delivers important compatibility with NMOS4 and NMOS5 standards, ensuring interoperability and discovery across networks, as well as support for Clear-Com's 2X10 Touch™ Desktop Panel.

"Clear-Com understands that users are constantly looking for improvements to usability and interoperability of their intercom system," comments Simon Browne, VP of Product Management at Clear-Com. "With EHX 13.1 we're offering a truly game-changing feature with role-based workflows along with support for current NMOS standards and the 2X10 Touch desktop panel. We're thrilled to continue to support our Eclipse-based systems with these ongoing innovations."

Who isn't looking for a smarter approach these days? In EHX 13.1 Clear-Com delivers a unique feature with role-based logins, streamlining configuration and allowing users to quickly move from device to device without missing a beat. System administrators can set a single key to contact a user regardless of the device they are logged on – saving the effort of having to configure several keys in the instance that a user moves between several devices during a

production. On top of this, the user experience is greatly improved, with a simplified login to whichever endpoint device is closest at hand, with keys that autofill their specific configuration allowing a "follow-me" operation. Role-based workflows is the way of the future – an intercom experience that is efficient, personalized, and seamless.

Clear-Com continues development around the ST2110-30 standard as NMOS (Networked Media Open Specification) IS-04 and IS-05 are being

added to EHX 13.1. IS-04 relates to the Discovery and Registration of devices on a network and IS-05 handles the device connection and management. The addition of these specifications will make it simpler and much faster when setting up an audio network of IP capable devices.

EHX 13.1 additionally supports the new 2X10 Touch Desktop Panel, a 20-key, IP-based panel that provides a compact, intuitive desktop option for users of Eclipse HX.

Click this link for more information at **www.clearcom.com**

JBL Professional IRX ONE all-in-one column PA

HARMAN Professional Solutions has announced JBL Professional's introduction of the JBL IRX ONE All-in-One Column PA. Featuring an advanced acoustic package, 3-channel mixer and Bluetooth 5.0 audio streaming; IRX ONE is an incredibly easy-to-use system that's road-tested and can be carried with one hand. IRX ONE incorporates concert line array-inspired directivity control, resulting in a custom-tuned, C-shaped array. Equipped with six 2" high-frequency drivers, the array delivers exceptional clarity, a wide sweet spot, and seamless front-to-back coverage. Additionally, the 8" woofer employs a bass-reflex design, ensuring accurate low-frequency response down to 40 Hz. Designed to cater to a diverse range of users, IRX ONE includes a convenient 3-channel mixer with support for the most popular connection types as well as integrated iconic dbx automatic feedback suppression (AFS) and Soundcraft-powered audio ducking.

jblpro.com

JBL Professional FIR tunings for select Control Contractor Series

HARMAN Professional Solutions, the global leader in audio, video, lighting, and control technologies, today announced its JBL Professional FIR tunings for select Control Contractor Series loudspeakers, providing further enhanced performance. The FIR filters optimize both frequency response and phase response to a finer degree of precision than has typically been possible with standard IIR "parameter-based" filters. Additionally, these FIR filters were designed to meet JBL Pro's new V6 FIR tuning standard. The V6 FIR tunings are for COL600 & COL800, SLP12/T & SLP14/T, GSF6 & GSF8, and Control 68HP products. The posted tunings are for use with Crown DCI-N and DCI-DA power amplifiers. Additional tuning files are expected to be released for Crown CDI DriveCore amplifiers promptly thereafter.

V6 Tuning Features:
- Equalization to a neutral frequency response
- Improved linearized phase response above 300 Hz
- Allows users to start with a known flat voicing for further EQ'ing to the needs of the install
- Improved signal coherence
- Matched gain to allow for smooth system tuning and subwoofer integration

jblpro.com

WORK PRO ARENA Series loudspeakers

Spanish manufacturer Equipson has expanded its WORK PRO range with the launch of a new range of loudspeakers that deliver a reliable, outdoor sound solution, whatever the weather. Available in a range of sizes to suit different applications, the ARENA Series is so durable and robust that it can defy the elements and transform any outdoor space into a high quality sonic experience. Every aspect of the Series' engineering has been carefully designed to ensure that these loudspeakers can withstand the most testing weather conditions. From the hottest, driest day to the coldest, wettest night, these Arena can handle everything that nature throws at it, without missing a beat. A key feature of the ARENA Series is its ability to deliver high power in a small format. These compact coaxial full-range speakers are available in four sizes (6", 8", 10", and 12") and deliver between 300W and 600W or pure power depending on the model size selected. In all cases clear highs, efficient low-frequency performance and minimized distortion ensure a balanced audio experience. In addition, the ARENA Series features a Dual 8" 800W band-pass waterproof subwoofer that provides powerful low-frequency punch and audio enhancement for any ARENA Series installation.
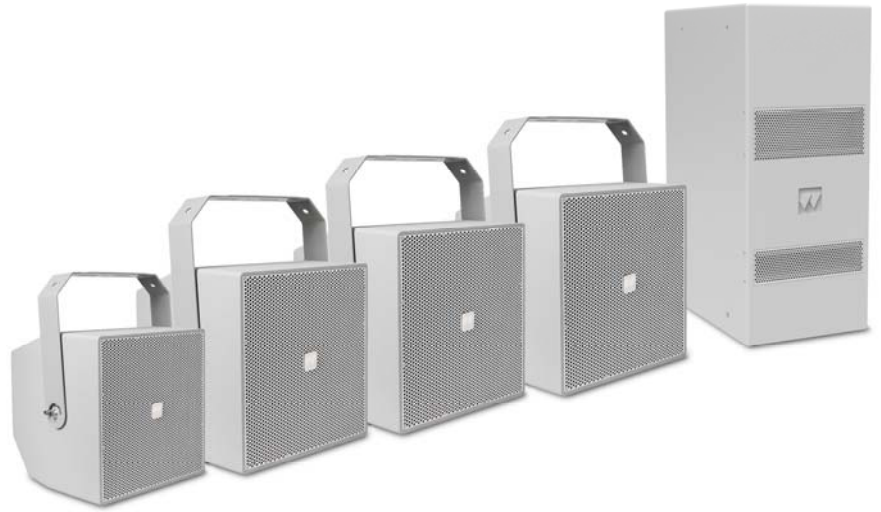
workproav.com/arena

WORK PRO upgrades its Synthea range of amplifiers

Available in a variety of configurations, all Synthea amplifiers have an in-built web server that can be accessed from any WiFi or Ethernet connected device without needing to install additional software. This allows users to adjust and control every aspect of their loudspeaker system with incredible precision, from any location and at any time. Since launching Synthea, Equipson has responded to customer feedback and improved both the firmware and software so that the entire range now offers even more flexibility. Alongside existing DSP functionality, users can now combine input sources in two or four separate mixes and configure any output to High or Low impedance. Other new features include Talk Over (Ducking) with Priority Routing and the inclusion of an Input High Pass Filter and Output Routing (SPDIF). Equipson has also updated SYNTHEA's generator to include pink noise and sine wave, and incorporated a Band Pass Filter and 5-band parametric EQ on each analogue input.

workproav.com/synthea

AMX MUSE Automation Platform and four new controllers

HARMAN Professional Solutions has announced it's new AMX MUSE Automation Platform, four new MUSE Automation Controllers, and several supporting developer resources. Like no other automation platform on the market, AMX MUSE tears down traditional barriers to AV control ingenuity. The MUSE Automation Controller family features powerful, secure, and reliable devices that provide a dedicated computing resource for running the AMX MUSE automation platform. MUSE Controllers can simultaneously process a virtually unlimited number of scripts written in JavaScript, Python, or Groovy and natively support Low-Code development with Node-RED. Featuring a modern embedded processor that's 10x faster than previous AMX NX Controllers, MUSE Controller models integrate bountiful memory, and rugged, industrial grade eMMC storage. Built on HARMAN's secure Linux platform, MUSE Controllers are also designed to surpass the requirements of the most secure installations. Additionally, these Controllers natively support HARMAN's HControl (open-API), HiQnet (legacy HARMAN audio devices) and ICSP (legacy AMX control devices) protocols, making them the ideal automation processor for any space, environment, or application - old and new.

amx.com

Pliant Technologies MicroCom 900XR all-in-one wireless headset

Pliant Technologies, a leading provider of professional wireless intercom solutions, announces its MicroCom 900XR "All-In-One" Wireless Headset [PMC-HS900XR], the latest addition to the MicroCom family of products, is now shipping throughout North America, Latin America and to Oceania customers. The latest solution combines the great sound quality, excellent range, and budget-friendly price point of MicroCom XR with the comfortable fit, exceptional noise isolation, and flip-up microphone muting technology of the SmartBoom PRO headset, but without the wire. The new MicroCom 900XR Wireless Headset exhibits the same proven performance and functionality as the MicroCom 900XR beltpack but is engineered to fit inside the SmartBoom PRO headset ear cup. Its unique all-in-one design features an easy-to-read OLED display, two intercom channels with a dual listen option, and support for up to 10 full-duplex users including unlimited listen-only and shared users. The MicroCom 900XR Wireless Headset is available in single- and dual-ear configurations featuring an internal antenna and field swappable batteries with considerable run time (14 hours on the dual-ear headset and seven hours on the single-ear headset).

plianttechnologies.com

RCF S 15 compact subwoofer

S 15 is a high-power, compact subwoofer system ideal for installations where the physically small size and impact of a 12'' driver are desired. Extending the frequency response below 35Hz, this highly efficient design is capable of providing output levels normally associated with considerably larger enclosures. A system suited to music playback in applications ranging from clubs, bars and cafes, right through to theatres and corporate applications. The low-frequency transducer is a 15" woofer with a 2.5" voice coil. Its design is the result of the latest refinements in compact subwoofer production, resulting in a fast and controlled reproduction of the bass frequency range. It is particularly well-suited for high-quality multimedia applications.

- 500W AES power handling
- 126 dB max SPL
- 35 ÷ 200 Hz frequency range
- 1 x 15" high-power woofer
- High-quality plywood cabinet
- Steel front grille with clothing
- M20 standard pole mount in the top section of the cabinet
- 4 pole EUROBLOCK connector (audio input and parallel link output)

rcf.it

RCF SUB 8003-AS MK3 and SUB 905-AS MK3

Introducing RCF new MK3 subwoofers - the latest addition to our collection of high-performance subwoofers. Featuring a state-of-the-art transducer with a high-power ceramic magnetic circuit and a powerful Class-D amplifier, SUB 8003-AS and SUB 905-AS deliver exceptional sound pressure levels up to 135 dB with outstanding headroom. Featuring high-power woofers of 18" and 15" cone size, our new SUB MK3 are the ideal complement to RCF portable active speakers. The SUB Series MK3 subwoofers also come equipped with rear panel controls, including volume, EQ, polarity, and crossover frequency, giving you complete control over your sound. The rugged cabinet makes it easy to carry and secure for installation, while its versatility, sound quality, and high power make it perfect for small to mid-sized venues and portable applications.

rcf.it

NUGEN AB Assist 2 quick comparison tool

NUGEN Audio announces the availability of its AB Assist 2, a quick comparison tool that allows producers, engineers and artists to compare multiple pieces of audio. This includes different takes, plug-in options, mix revisions and versions of a master. To ensure there are no biases in the comparison, blind tests can be conducted in 'Blind test' mode. AB Assist is now offered as a full solution, complete with substantial updates for version 2. Included among these are the ability to receive and compare up to four audio sources and to compare surround mixes in any channel count. It also now enables multiple plug-in instances to link up and communicate directly rather than using an external send. Among the useful tools in the plug-in is the blind test function, which randomly re-labels the streams as X or Y, to ensure a completely unbiased look (or in this case, listen) at audio sources. Additionally, an auto-level match function allows the user to match short-term loudness (LUFS) of sources. The mono-check feature compares mono fold-downs, and the smooth tool creates fades between sources. The software also features a "trim" function, which allows users to trim the gain on one stream to match the subjective level of the other — further aiding in its unbiased testing.

nugenaudio.com/abassist

DiGiCo and Fourier Audio set to transform live sound

Building upon the announcement from earlier this month that it has joined forces with industry pioneer DiGiCo, Fourier Audio is proud to finally reveal the transform.engine, previously known as codename "Project Core." Housed in a 2U touring-grade chassis with dual redundant power supplies, the new transform.engine is a Dante-connected server designed to run all VST3-native software plugins in a live environment, bringing premium studio software to live sound and broadcast applications. Fully compatible with any VST3 plugin that can run on Windows, the new device gives engineers and creatives access to the very best studio-grade processing on a robust platform that is specifically designed for the rigors and complexities of live productions. Designed as a turnkey solution for plugin hosting, the transform.engine is easily controlled by a remote Windows or macOS client application, reducing the need for complex setups. Users can simply connect to the engine via a standard Ethernet cable, install their plugins, and get directly to processing. For paramount reliability, Fourier Audio's patent-pending audio software engine provides a rock-solid sandbox with plugins ring-fenced from each other. Should a plugin crash, the rest of the system will not only be unaffected, but the transform.engine will immediately restart that plugin, quickly restoring the original integrity of the mix.

fourieraudio.com
digico.biz

Lawo unveils crystal broadcast console

Lawo has unveiled its new crystal versatile broadcast console for broadcast applications. This IP-native mixing system is based on the open RAVENNA/AES67 Audio-over-IP networking standards and complies with SMPTE ST2110-30/-31 for audio, and ST2022-7 for redundancy. Powered by the Lawo Power Core Engine, crystal supports expandable I/O, accommodating AES67, MADI, analog, AES3 as well as Dante® audio sources and destinations. Available with 6, 8 and 14 faders, and with two distinct modes of operation — Power Core and Controller — crystal is the perfect companion for a variety of broadcast applications that straddle radio and a variety of audio production workflows: small to mid-sized on-air studios; regional studios; news and commentary suites; smaller production studios; MCR control and OB vehicles; podcast recording studios; remote production applications; backup and disaster recovery sites; DAW control and integration as well as workflow uniformization.

lawo.com

Meyer Sound NADIA™ integrated digital audio platform

NADIA™ is an integrated, network-based digital audio processing and distribution platform that will power future installations of Constellation® by Meyer Sound. When incorporated into new Constellation installations, in addition to the processing power and inputs reserved for active acoustics, NADIA also provides separate inputs, processing, and matrixing to enable Spacemap® Go spatial sound with no performance compromises for either function. The NADIA platform supports up to 96 inputs for Constellation acoustic processing as well as 128 independent program audio inputs and comprises three hardware modules. All NADIA-based systems require at least one NADIA-CP™ core processor that supports 128 outputs. Additional NADIA-CP modules can be added to increase the number of outputs in the extended system by 128 for each module. All communication to and from the NADIA-CP module is via a Milan-compatible AVB network. All processing is at 96 kHz/64-bit floating point resolution.
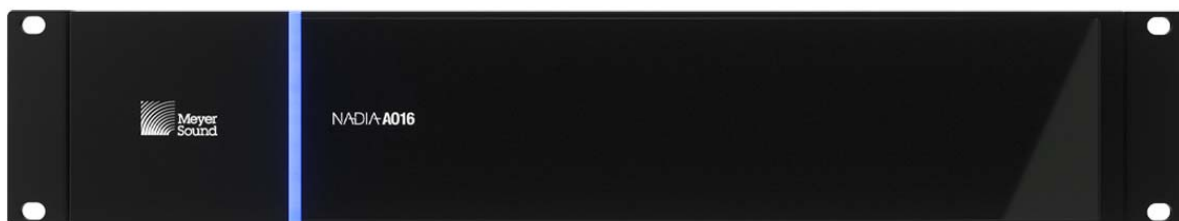
meyersound.com

NEXO ePS Series outdoor loudspeakers

Built on the platform of NEXO's industry-standard PS Series point source loudspeakers, the ePS Series has quickly gained an enviable reputation as a 'no frills', install-only range that makes acclaimed NEXO performance accessible to a wider range of projects.

Now comes ePS Outdoor, a range of four weatherproof loudspeakers engineered and tested for use in outdoor installations.

ePS6-EN54, ePS8-EN54, ePS10-EN54 and ePS12-EN-54 loudspeakers partner high-excursion 6, 8, 10 and 12-inch LF drivers respectively with a 1.4" diaphragm HF driver (ePS12/1.7") in 15mm Baltic birch cabinets protected by a high-grade polyurethane coating.

The IP55-rated loudspeakers deliver a clean and tight low-end response, and their asymmetrical horns can be rotated to ensure optimum directivity for every installation.

Exceeding the requirements of EN54-24 certification, ePS Outdoor loudspeakers have been further developed and tested to ensure consistent performance and long product life, even in the most severe conditions. From the use of high-grade A4 stainless-steel screws to UV-protected front cloth and polyurethane coatings, every detail has been considered and the final designs have been subjected to 800 hours of salt spray testing (ISO 9227 standard) and 600 hours UV testing (DIN 75220 standard).

Connections on the rear panel are made through two (in/out) pairs of terminal blocks with an IP cover for moisture protection.

A small, but flexible, range of mounting accessories is available. Cabinets feature two M6 with 80mm pitch and one M10 fittings on the sides for mounting to a U Bracket, bumper or eye bolts. The back of each speaker is fitted with 3x M6 with 70mm pitch fittings for wall-mount in both horizontal and vertical positions.

NEXO's NXAMPmk2 powered controllers include pre-sets for ePS Outdoor and all NEXO speakers, making it easy to include the EN54-rated speakers as the outdoor components of a larger installation that includes other NEXO loudspeakers inside the venue.

nexo-sa.com

Allen & Heath Avantis Solo

Allen & Heath has announced the launch of Avantis Solo, the second member of the Avantis mixer family, condensing the full power of the award-winning mixer platform into a 12-fader, single-screen package. Based on XCVI, Allen & Heath's next generation 96kHz FPGA engine, Avantis Solo delivers the same 64-channel, 42 bus architecture as Avantis, running at an ultra-low 0.7ms latency, with full onboard processing and 12 RackExtra FX slots, all housed in Avantis' iconic lightweight alloy shell and tubular frame. Control is handled via 12 faders with 6 layers providing a total of 72 fader strips, a Full HD 15.6" touchscreen with dedicated rotary controls, plus 18 assignable SoftKeys, all tied together via the sleek Continuity UI to give engineers the same seamless connection between physical controls and the display as the dual-screen Avantis.

allen-heath.com

JH AUDIO PEARL™ TRI AMP micro speaker management system

JH Audio, innovator and manufacturer of leading in-ear monitoring products for professional touring artists and audio engineers, announces the availability of its new Pearl™ Tri Amp Micro Speaker Management System, the latest innovation in IEM audio technology. The system includes the brand's PC-based Pearl Control Software and Pearl Loader program, which offer functions that allow users to precisely control gain, phase, time and equalization of low, mid and high frequencies of an in-ear monitor. The system is available exclusively with a pair of JH Audio's new Ruby in-ear monitors, which when used together will make it possible to reproduce any frequency response or audio signature. In addition to its control benefits, the Pearl system utilizes an actively controlled passive crossover (ACPX), keeping the latency low — between .60 and .80 milliseconds. This is especially important to live performers, who require a latency of less than five milliseconds. Included with the system is the Pearl Control software that allows you to shape the audio and program the pack with user-defined, instantaneous presets. With this software, users can set different levels for each ear, which is especially beneficial to those experiencing hearing loss. Additionally, the Pearl Loader function is used to instantly change the Pearl Processor from one frequency response setting to another via a simple USB-C cable.
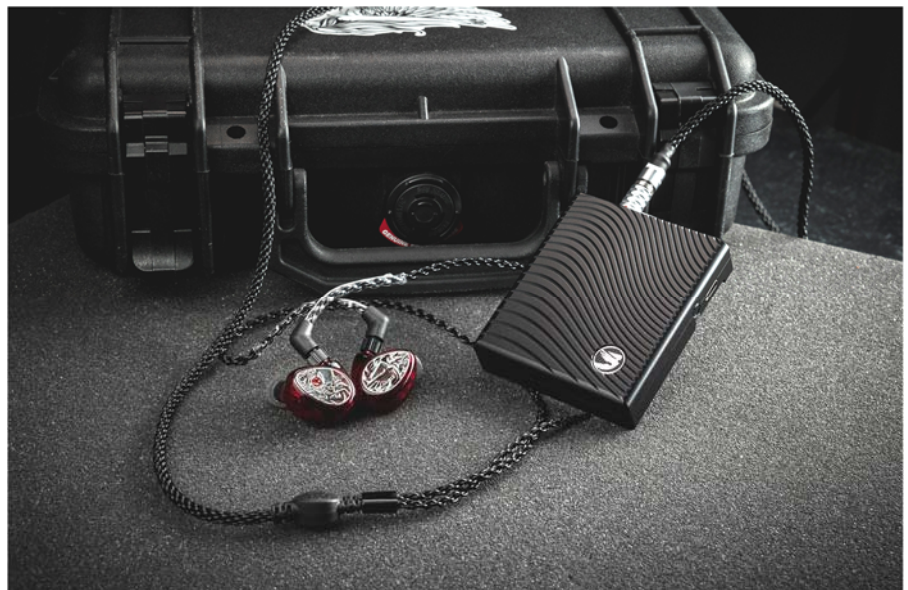
jhaudio.com

DPA 2017 shotgun microphone

DPA Microphones, a leading manufacturer of high-quality miking solutions, has launched its new 2017 Shotgun Microphone. Designed to capture authentic sound with high directivity, clarity and consistency, the 2017 excels in challenging broadcast scenarios. With its durable design and ability to withstand any environment or extreme application, DPA's newest solution is ideal for broadcast and live events, from traditional news and sports to location sound or musical performances. Designed to endure extreme weather and mechanical impact, the 2017 will hold up to travel and repeated use in harsh environments. The microphone persists in humid conditions and direct rain showers, as well as dry, arid environments. It has been tested for use in settings with temperatures up to 40°C (104°F) with 90-percent relative humidity, and cold environments as low as -40°C (-40°F). With a consistent ability to easily withstand the effects of moisture, the 2017 ensures that any broadcast or event can go live with incredible sound, no matter the setting or forecast. Featuring a specifically designed capsule that is perfectly paired with a cutting-edge interference tube and microphone grid, the 2017 offers outstanding performance, both on- and off-axis. It has a high degree of off-axis rejection, which permits the main source to stand out. This heavily attenuated off-axis audio is authentic and extremely usable for mixing into the entire soundscape.

dpamicrophones.com

EAW® SM12 stage monitor

Eastern Acoustic Works (EAW®), a leader in professional audio solutions, introduces its latest innovation, the SM12 Stage Monitor. Inspired by the renowned Microwedge acoustic design, SM12 is the latest addition to EAW's catalog of stage monitors and sets a new standard for performance, flexibility and ease-of-use in stage monitoring. SM12 is a 2-way passive loudspeaker that can be used as a stage monitor or fill speaker. A concentric driver attached to a CSA wave guide provides even coverage throughout the 90- x 60-degree pattern. A large ground coupled port extends low frequency response down to 60Hz from the 12-inch woofer mounted in the low-profile wooden enclosure. When utilizing the available mounting pattern, SM12 can be used on a flat surface with two cabinet orientations or mounted on a third-party pole. An integrated kickstand offers additional positioning options when used as a stage or floor monitor.

eaw.com

APG v1.2.0 upgrade for free NESS software

French loudspeaker manufacturer APG has released NESS 1.2.0 – a free upgrade to its immersive audio software which adds support for binaural listening, an improved reverb engine, and a new, easier-to-use graphical user interface (GUI). Launched to an international audience at ISE in January, NESS is the industry's first 100% free manufacturer-developed spatialisation software. Compatible with any loudspeaker brand, the program enables operators of entertainment and corporate venues, including bars, nightclubs, theatres and conference rooms, to experiment with and benefit from immersive sound. New to version 1.2.0, the binaural feature introduces an additional dimension to NESS by allowing users to experience spatial sound over headphones, with no need for an external speaker system. Elsewhere, the reverb module has been overhauled to add exceptional depth and ambiance to 3D audio mixes. By allowing more precise control and selection of reverb effects, NESS 1.2.0 delivers users a more natural listening experience, closer to the sound produced by the natural acoustics of a room or listening space. Acting on feedback from users, APG has also optimised the NESS GUI with a number of quality-of-life improvements. New features include a global routing matrix that displays all loudspeaker groups simultaneously on a single screen; the ability to start, stop or pause all audio 'objects' simultaneously; automatic saving of sessions and spatial sound mapping configurations; and an update to its TouchOSC interface.

apg.audio/ness/download-ness.html

Wisycom RPU500-F full-duplex mobile transceiver

Wisycom will unveil its new RPU500-F full-duplex mobile transceiver at IBC 2023 (Hall 8, Stand C51). Designed for sports, live events and outside broadcast commentator coverage, the transceiver features a one-Watt multiband transmitter (where applicable) with a newly designed integrated intercom/IFB receiver. The RPU500-F features an ergonomic and compact form (73.1mm x 64.5mm x 21.6mm) that makes it perfect for use in live applications requiring a lot of movement. With a battery pack that lasts more than five hours with continuous high-power transmission, the RPU500-F is also well-suited to applications where long coverage periods might be required. Additionally, the transceiver's transflective LCD color display ensures that it is legible in all lighting scenarios – including direct sunlight, which is ideal for sports and other outdoor events. The transmitter operates in the 174-960MHz spectrum, while the receiver works in the 440-700MHz range and can operate in three modes, which are selectable on the device menu. This includes ultra-narrowband (channel bandwidth 12.5k), narrowband (50k) and narrowband enhanced (110k). The bandwidth provided by the enhanced mode makes it possible to include up to three embedded audio sources on the same device. The device also features four programmable push-to-talk buttons for remote audio routing on AUX or through Ethernet with Ember+. Designed to work with the Wisycom Symphony Series receivers and MTK Series transmitters, the RPU500-F provides users with an unprecedented, broadcast-quality, full-duplex, long-range wireless reporting system.

wisycom.com

AVANTE Audio AS8 ACDC battery-powered portable PA

The AS8 ACDC from AVANTE Audio is a complete portable PA system that can be used absolutely anywhere thanks to its integrated rechargeable battery. Easy to setup, this active column speaker system offers flexible input options including Bluetooth 5.0+ ® wireless connectivity. It is ideal for acoustic solo performers, small bands, comedians and mobile entertainers who want the flexibility to perform everywhere and anywhere without the need for power outlets. Building on the success of the original AS8, the new AS8 ACDC offers the same combination of portability, connectivity and high quality audio reproduction with the added benefit of an inbuilt 5,000mAh Lithium-Ion battery, which is capable of providing an average run time of 4 to 5 hours. The AS8 ACDC's audio system combines an 8-inch neodymium subwoofer with an array of six precision-aligned 2.75" neodymium high/mid drivers. The subwoofer, which has a 1.5" voice coil and a 28 oz. magnet, is built into a vented enclosure which also contains the battery pack, amplification, and mixer. This system is powered by a 250W RMS (1000W peak) Class D amplifier.

avanteaudio.com

AVANTE Audio Achromic X Series active loudspeakers

Building on the firm foundations laid by AVANTE Audio's original Achromic Series of reliable, aesthetically pleasing, and sonically impressive full range active loudspeakers, the new Achromic X Series inherits all the positive traits and useful features of the originals while introducing two major new additions. Available in 10-inch, 12-inch and 15-inch variants, all three of the new speakers feature Bluetooth® 5.0+ for wireless audio connectivity as well as a dedicated iOS app which allows remote control of levels and DSP settings as well as saving and

recalling of presets. The Achromic X Series offers a versatile collection of active loudspeaker cabinets that offer powerful output, detailed audio clarity, advanced built-in DSP, and sleek exterior designs. Created for musicians, DJs, bands, houses of worship, audio production companies and rental houses, the Achromic X Series speakers are equally suited to permanent installation as they are to one-off and touring productions.

avanteaudio.com

# APEX V1.3.0.R update for CloudPower amplifiers

APEX has announced the third major firmware and software release for its CloudPower installation amplifier series. The V1.3.0.R update provides full support for the CloudPower CP354D, CP704D, CP1504D and CP3004D amplifier models, each of which features integral 4x4 Dante networking. The new firmware also offers full support for a Dante retrofit kit, allowing existing CloudPower amplifiers to be integrated into Dante networks. V1.3.0.R additionally provides support for APEX's newest sixteen channel CP716D amplifier and for its integral 16x16 Dante networking module. CP716D delivers 16 x 700W and was developed for use in immersive applications and projects involving numerous separate audio zones. APEX's IntelliCloud WebUI also gets multiple enhancements in V1.3.0.R, including the ability to view all CloudPower amplifiers of any type connected to a network and new screen layouts allowing users to comfortably manage CP716D's sixteen channels from their device. IntelliCloud is a browser-based software allowing remote control of CloudPower units, so users will automatically see the latest version when connecting to an amplifier that has been upgraded to V1.3.0.R. A number of other enhancements and bug fixes complete the V1.3.0.R release, including the ability to select lo-Z / hi-Z mode per channel and upgraded tools for speaker manufacturers wishing to create, manage and protect presets for their loudspeakers.

apex-audio.be

Adamson updates Blueprint AV software

Adamson has released the latest version of its loudspeaker design and deploy software – ArrayIntelligence V1.1. The update reflects the Adamson development team's focus on encouraging user-generated feedback and quickly including it in the available software. ArrayIntelligence V1.1 revolves around an overarching goal: enhancing the user experience and optimizing software performance. The new Header Bar graphical layout brings clarity to the user interface, indicating which pages are available online, simplifying navigation and enhancing workflow. Our Global Assign feature, a cornerstone of system management, has undergone a comprehensive update. This redesign offers users a more robust and efficient tool for managing their entire systems of networked Adamson Speakers, Bridges and Gateways. ArrayIntelligence V1.1 ensures detected items are ordered accurately by switch port, streamlining system setup, and minimizing complexity. Introducing the newest family members of the IS-Series to ArrayIntelligence V1.1 allows users to include and predict these in their projects. Improved accuracy with better labelling, users will benefit from an upgraded 3D dB SPL scale that displays the absolute maximum SPL value, offering critical insights for audio system optimization. In addition to these improvements, ArrayIntelligence V1.1 includes a comprehensive set of bug fixes aimed at enhancing software stability and reliability. For a detailed list of bug fixes, please refer to the release notes.
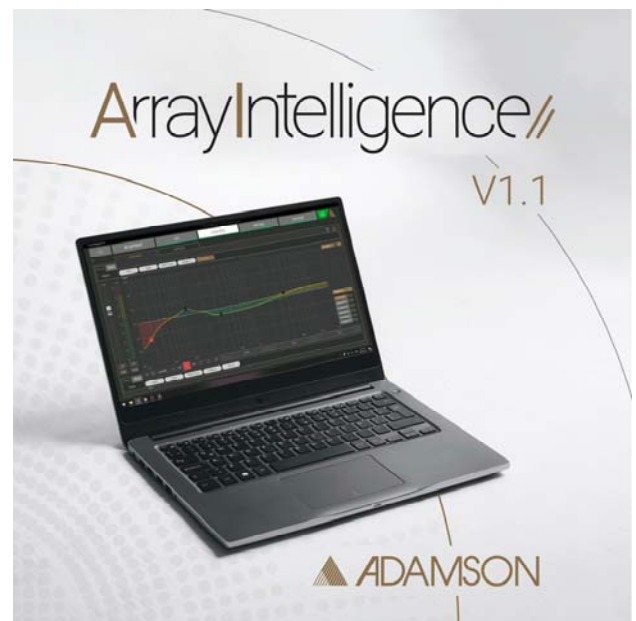
To access the ArrayIntelligence V1.1 software update, please visit
adamsonsystems.com/product/system-control/arrayintelligence-software

Perkenalkan buynsellAVL.com cara termudah bawa bisnis online anda dengan toko e-commerce anda sendiri

Tidak seperti situs jual beli Pro Audio/Video/Lighting pada umumnya, buynsellAVL.com bukan lah situs "barang bekas" biasa. Anda dapat memilih untuk menciptakan toko anda sendiri dengan akun pribadi maupun bisnis. Faktanya, situs ini sangat ideal bagi pemilik merk maupun distributor yang menginginkan sebuah platform e-commerce yang terjangkau agar dapat menarik perhatian calon pembeli. Tidak hanya itu, kami menyediakannya dengan komisi NOL (0%) persen.

Pay 0% Commission on all sales

Sign up is free
No payment required

Create your own online store
Personal or Business account

Buyers can contact Sellers directly via email, messaging apps, mobile

List up to 4 images per post

List as New or Used

Link a product or demo video

50 days visibility for free listing
100 days visibility for paid listing

Latest items

Sell

Podcaster Essentials Bundle
1 month ago
$399.00

Sell

Sennheiser Momentum True Wireless 2 (75th Anniversary)
2 months ago
$199.00

komisi nol (0%) persen

www.buynsellAVL.com