

## Ayrton Mistral S is PERFECT for Saturate Designs

Dreamsystem and Klausys integrates K3-based system in Bucheon Arts Centre

EMV LED elevates NEON Countdown Party in Bangkok with a grand 500sqm LED display

EMV-LED elevates NEON Countdown Party in Bangkok

Naveen Deshpande revolutionizes lighting for stand-up comedy in India

At-Thohir Mosque's magnificent architecture illuminated by Martin

Robe iFORTE brings home a 2024 Parnelli Award

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A truly innovative luminaire with no equivalent on the market...

3 Series - Source  
**450 W - 6500 K**

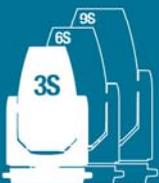
Lumens  
**30,000**

Zoom aperture  
**4° to 52°**

Frontal Lens  
**160 mm**

IP Rating  
**IP65**

Weight  
**30.8 kg**



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**AYRTON**

# SCREEN MEETS INFINITE IMAGINATION



## MT Series

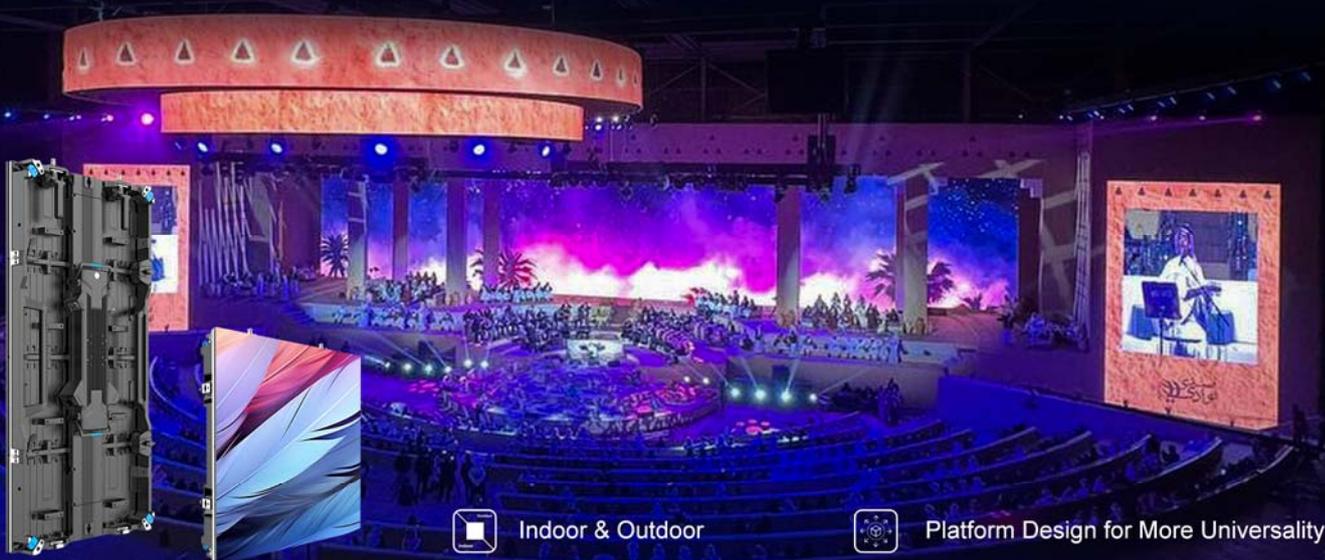
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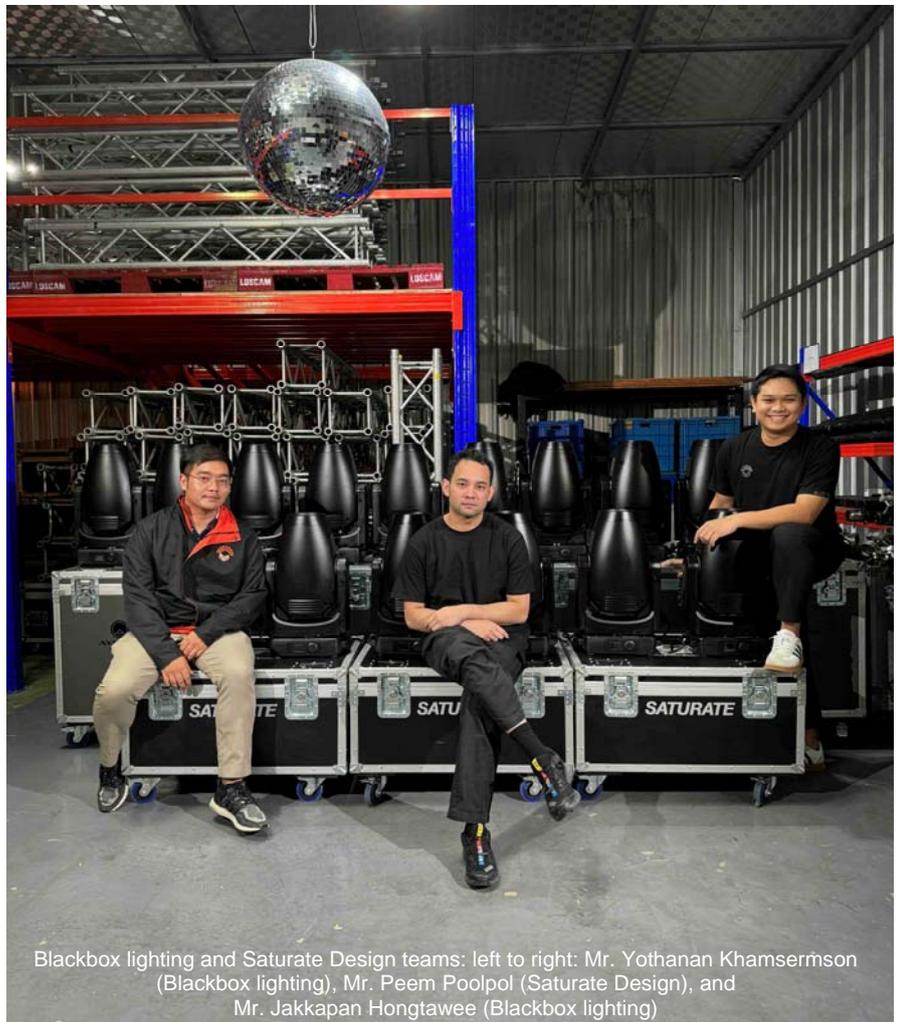


## Ayrton Mistral S is perfect for Saturate Designs in Bangkok

Established in 2009, with offices in Bangkok and Sydney, Saturate Designs specialises in lighting design for the entertainment industry, providing bespoke solutions for festivals, live music, installation projects, films and theatre designs, from concept visualisation through to programming and operation.

Saturate Designs, Thailand recently invested in 16 Ayrton Mistral S fixtures which were supplied by Ayrton's exclusive distributor for Thailand, Total Solution Marketing Thailand.

The team at Saturate Designs were extremely impressed and pleased to discover the compact, yet powerful Mistral S lights which produce an infinite palette of vivid pastels and saturated colours: "We now own 16 Mistral S which we use across a variety of our own projects and designs," states Mr Peem Poolpol, Lighting and Creative Designer at Saturate Designs. "We had previously searched for a small 'easy to carry' fixture which could still maintain the high quality and strong light output that is so necessary for our designs. We then discovered Mistral S which is perfect for the kind of work that we do, and, additionally, as an excellent substitute for the riders of many international artists.



Blackbox lighting and Saturate Design teams: left to right: Mr. Yothanan Khamsermson (Blackbox lighting), Mr. Peem Poolpol (Saturate Design), and Mr. Jakkapan Hongtawee (Blackbox lighting)



Mistral S

“The Mistrals are currently on the fixture list for most of our shows, which can be anything from a small live house of 500 people up to a maximum of 12,000 people for arena shows. The Mistrals are great for most of the applications in each venue that we bring them into. There are some shows where the stages are quite big and need a bit more power, but with the right placement, the Mistral’s 300W LED light source works well as it is pretty bright for its size. We are

hoping to add more Mistrals in the near future and are also looking at bigger models from Ayrton.”

Service is always an important factor when purchasing new equipment and Saturate Designs was not disappointed with their experience with Total Solution Marketing.

“We are delighted with our Mistral S fixtures, especially the good quality of the build and the ease of use with such a light weight product,” confirms Mr Poolpol. “We are very happy with the service we received from Total Solution and look forward to exploring a variety of fixtures from the other Ayrton series with them in the future.”



Tevin Heng, Executive Director of Total Solution Marketing commented: “We extend our heartfelt gratitude to Saturate Designs for their faith in choosing Ayrton Mistral. Saturate Designs is a team of young, exciting, and highly sought-after lighting designers who have captivated audiences in Thailand with their bold and innovative approach. We are glad the Mistral S performance has exceeded their expectations and is now a key member of their lighting inventory.”

[www.ayrton.eu](http://www.ayrton.eu)

[www.tsm-int.com](http://www.tsm-int.com)

Photos © Saturate Design

Peter Moore with lighting designer Rob Koenig, winner of the 2024 Parnelli Award for 'Lighting Designer of the Year'



## Robe iFORTE brings home a 2024 Parnelli Award

The Robe Lighting iFORTE® luminaire – currently its most powerful LED innovation – has won a coveted Parnelli Award for Indispensable Lighting Technology. The 2024 Parnelli Awards were presented at a gala event staged during the 2024 NAMM (National Association of Music Merchants) expo at the Anaheim Convention Center, Anaheim, California.

Robe's 2024 Parnelli Award was collected by North America's chief sales officer Craig Burros and product manager Peter Moore.

Robe's iFORTE has already won several awards including a 2023 PLASA Innovation Award and is a flagship product in the Czech Republic manufacturers' iSeries range, offering truly innovative IP rated lighting solutions for all environments. Combining a massive output and multiple effects in a package which is just 1.5kg heavier than the standard FORTE®, iFORTE offers all the quality,

features, and identical performance of the original luminaire, enabling seamless integration of the two types of fixtures if desired. The iFORTE® LTX WB is currently the brightest fixture on the market and is an ultimate long throw LED wash beam designed for stadium shows, concerts and all events and spectacles where serious intensity is needed across massive distances.

Robe's internally designed, developed, patented, and manufactured iSE-TE™ 1000W XP (Xtra Performance) IP65-rated White LED TRANSFERABLE ENGINE produces an incredible, industry-leading 355.000 Lux at 5 metres, and it has enjoyed enormous success worldwide, and especially in North America.

For a product, winning a Parnelli is one of the most sought-after recognitions of technical excellence and popularity. Robe Lighting s.r.o.'s CEO Josef Valchar noted, "We are delighted to win this Parnelli – a big shout-out to our brilliant R&D crew, the sales teams getting the



iFORTE® LTX WB

product out there, and of course, all the creative designers, programmers, and rental companies who have spec'd and invested in iFORTEs, ensuring that it earned the 'Indispensable' title!"

[www.robe.cz](http://www.robe.cz)



## EMV LED elevates NEON Countdown Party in Bangkok with a grand LED display

EMV LED, a Malaysian powerhouse in LED panel rental services, has outshone expectations at the NEON Countdown Party in Bangkok with an impressive installation of 700 square meters of high-definition LED panels from FABULUX. As a company that prides itself on catering to international events, EMV LED has once again proven its ability to deliver world-class visual experiences.

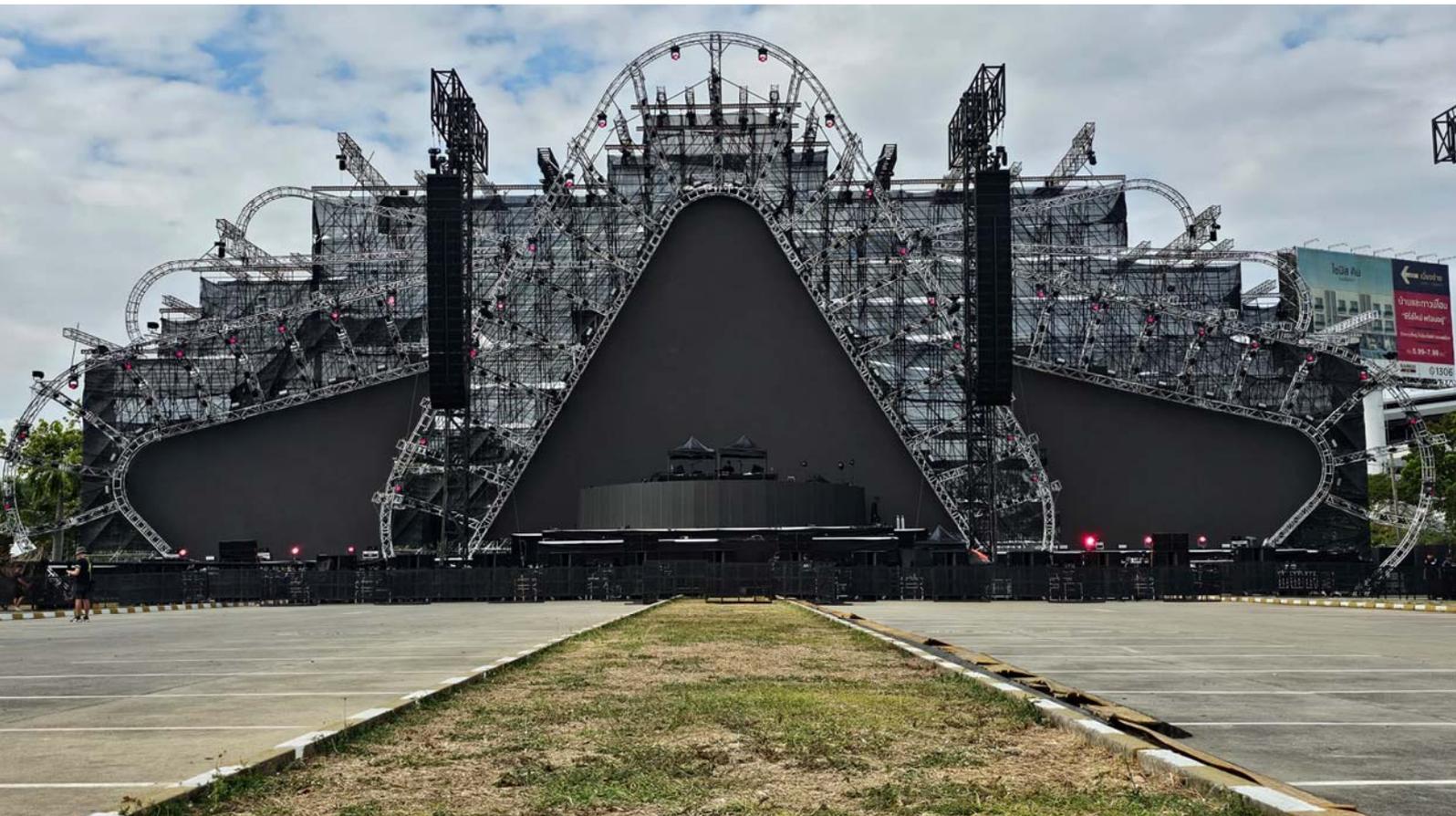
With a vast inventory of cutting-edge indoor, outdoor, and transparent LED panels, EMV LED is equipped to bring any event to life, anywhere in the world. The NEON Countdown Party's visual feast was made possible by the seamless integration of NovaStar H2 LED Processors and Pixelhue's U5 switching console and P20 production switchers, ensuring a display of unmatched clarity and vibrancy.

James Wong, Business Development Manager at EMV LED Malaysia, remarked, "The NEON Countdown Party was a showcase of our technical prowess and our commitment to delivering exceptional visual

experiences. Our partnership with FABULUX, Novastar, and Pixelhue allows us to provide our clients with not just LED panels, but a complete visual solution. Our extensive inventory and ability to cater to large-scale international events set us apart in the industry. The success of this event is a clear indicator of our growing footprint in the global event production market."

Mr. Jordan Lee, Systems Engineer at EMV LED, added, "Our goal at EMV LED is to create visually stunning experiences that resonate with audiences and leave a lasting impression. In the fast-paced world of event production, reliability and performance are paramount. That's why we prefer Novastar H2 LED Processors for their robust processing





capabilities and Pixelhue's range of products for their intuitive operation and versatility. These brands represent the pinnacle of visual technology, and they align perfectly with our commitment to excellence."

Mr. Teong Cheng Keong, the visionary founder of EMV LED, shared his thoughts on the company's journey and the recent event success: "From the inception of EMV LED, our mission has been to illuminate the world's most memorable events with unparalleled visual artistry. The NEON Countdown Party in Bangkok is a testament to our team's dedication and the innovative spirit that drives us. Seeing such a massive canvas of 500sqm come to life with our LED panels is a moment of pride for us and a reflection of our relentless pursuit of excellence in the event industry."

The NEON Countdown Party is just one example of how EMV LED's dedication to quality and innovation stands out in the international event industry. With the visionary leadership of Mr. Teong, EMV LED is set to continue its trajectory as a beacon of excellence in event visual solutions.



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SINGAPORE | JUNE 2024

EDUCATION & TECHNOLOGY CONVENTION FOR LIVE EVENT & TECHNICAL PRODUCTION COMPANIES IN THE ASEAN REGION



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## SEMINARS & LIVE DEMONSTRATIONS

### DAY 1

Live Loudspeaker Demo by Funktion-One	by Rebel AV
Rigging Safe, Rigging Right for Live events	by Roy Lee
Network systems, what is networking?	by MA Lighting
Musician monitoring	by Daniel Loh

### DAY 2

Live Loudspeaker Demo by Funktion-One	by Rebel AV
Network systems, what is networking?	by MA Lighting
Rigging Safe, Rigging Right for Live events	by Roy Lee

Digital Media Partner





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

d&b audiotechnik has today announced the appointment of Marco Baumgärtner to the role of Territory Manager for the Asia-Pacific (APAC) region. Baumgärtner has been with d&b since 2017, and previously held the position of Director Corporate Development, based at the company's Head Office. Before joining d&b, Baumgärtner worked in a range of corporate and consulting roles, and brings his extensive experience in the areas of transaction advisory and strategy execution to the region.

In the role of Territory Manager APAC, a primary management role for d&b's future operations in the APAC region, Baumgärtner will take responsibility for the company's subsidiary in Singapore as Managing Director and oversee operations across Southeast Asia,



South Korea, Australia, New Zealand, and Japan.

The appointment of Baumgärtner signifies d&b's commitment to APAC, supporting the growth of significant new business opportunities across both developed and emerging markets. This enhanced focus on the territory aligns seamlessly with the escalating demand for immersive experiences and the swift adoption of d&b Soundscape across the entire region.

"We are delighted that Marco has moved into this important role. With his leadership skills and commercial experience, we know he will bring new perspectives and drive to APAC," commented Phill Coe, Vice President of Global Sales.

Commenting on his promotion, Baumgärtner said: "I am very excited to join our APAC Team and to contribute to the further development of the territory. We have a strong presence in the region, thanks to a highly motivated team that works closely together with our dedicated partners. Together, we will continue to provide uncompromised sound experiences through our market-leading technology."



[dbaudio.com](http://dbaudio.com)



## Ayrton Diablo and Mistral for Japan's legendary pop singer in a legendary concert venue.

Hiromi Go, the super-legendary Japanese pop singer, celebrated his 50th anniversary in 2022. He toured all the country throughout the whole year to meet his fans and share the celebration. In the final month, December 2022, a special prestigious tour "Hiromi Go 50th Anniversary Tour - The Final Countdown in 2022" took place. Mainly composed of his ballads, this proved extremely popular, and was performed with an especially luxurious stage setting.

This special concert was revived for a special one night show at Nakano Sun Plaza Hall, this time not only to celebrate Go's 50th anniversary, but also to commemorate the concert venues' 50th anniversary and its very last year. The Sun Plaza Hall, which had served as a landmark concert venue for many famous artists in Tokyo for half a century, finally closed in the summer. Naomasa Kajiura, an award-nominated lighting designer for PRG Japan, who has supported Hiromi Go's tours for

decades, chose to use Ayrton Diablo and Mistral as main set-up for this special staging.

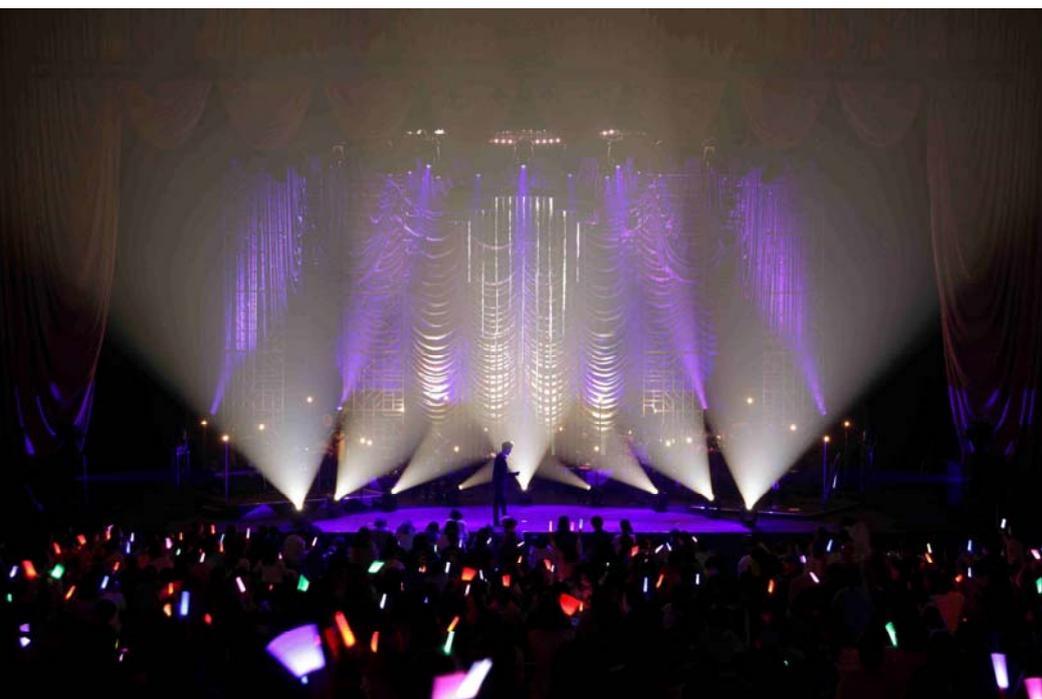
"Not only for this show, but also for other shows, these devices are small and compact, yet offer excellent brightness and functionality, and enable dynamic performances," he says. "This is especially true in Japan, when these types of tour are conducted mainly in local concert halls, where there is a tendency for those concert halls to have weight limitations on the load the trusses can safely hold. In these situations, Diablos and Mistrals are especially useful: they still offer great brightness with low power consumption. That is why I felt these fixtures would be best for this show.

"In addition to which, the fixtures are perfect not only as a beam intended to light the space, but their compactness allowed me to set the fixtures directly on the stage, even in the smaller halls.

This allowed me a wide variety of expressions on the floor, and at the same time use it effectively to light the singer.

Diablo





“On a different occasion, I had the opportunity to use Perseo and Huracán fixtures in a major large stage setting, and they were great! Their LED source showed comparable robust brightness among other fixtures, even against the large screens that formed the background.”

PRG Japan has been the local exclusive distributor of AYRTON since 2019. “We feel that Ayrton’s extensive fixture lineup can be used in a variety of ways to suit the characteristics of each venue in different Japanese entertainment scenes,” says Naomasa Kajiura. “More and more they shall become the preferred choice of Japanese lighting designers in the near future!”





## ANOTHER STEP TOWARDS A GREENER FUTURE

Claypaky is the first and only entertainment lighting company to obtain certification in the carbon inventory management system for two consecutive years.

# Claypaky continues progress towards the green future and obtains ISO 14064-1:2018 certification for the second consecutive year

Claypaky continues its efforts to improve its environmental performance with the CP Green project launched in 2022. The company has already implemented several aspects of the long-range project, which is constantly revised to make Claypaky's sustainability strategy more effective and efficient.

The main objective of the project is reducing Claypaky's impact on climate change and mitigating greenhouse gas (GHG) emissions. To achieve this goal, the first and most important step is calculating GHG emissions, since it is not possible to improve what is not measured. For this reason, for the second consecutive year Claypaky obtained in November 2023 the ISO 14064 certification, which calculates impact on climate change at the organizational level for the year 2022. This study, performed with the support of Spinlife, spin-off of the University of Padova, has been carried out with a "cradle to grave" approach analyzing all direct and indirect emissions. This organizational carbon footprint assessment allows Claypaky to



understand where the environmental hot-spots are and to define concrete actions to reduce its impact on climate change. The result of this analysis will also permit updating the carbon management plan established in 2022 (created according to data of the ISO 14064 study of the year 2021) and delineating a more precise and realistic GHG emission reduction strategy.

With this in mind, Claypaky has already started implementing some of the GHG

mitigation activities established by the carbon management plan of last year.

As a result of all these initiatives, Claypaky has not only started to substantially reduce its carbon footprint but also begun to better monitor and improve its environmental performance and play a more significant role in the global fight against climate change.

[www.claypaky.com](http://www.claypaky.com)

# AVL WORLD



EUROPE | MIDDLE EAST | AFRICA | AMERICAS

No.103 | MARCH 2024

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## EMEA & AMERICAS EDITION MARCH ISSUE ONLINE NOW

### All you need for GOOSEMAS is Robe

Chris Glatthor with Cameo on Rea Garvey's club tour  
Johannes Münsch uses GLP set-up for Gregor Hägele  
Miguel "Miki" Molina employs over 500 Elation  
luminaires on "La Casa de Los Famosos"

Cameo AZOR SP2 compact spot profile  
Starway Aquila 1240HD RGBW LED bar  
GLP JDC2-IP innovative hybrid strobe  
LD Systems MAUI G3 MIX

**ROBE**



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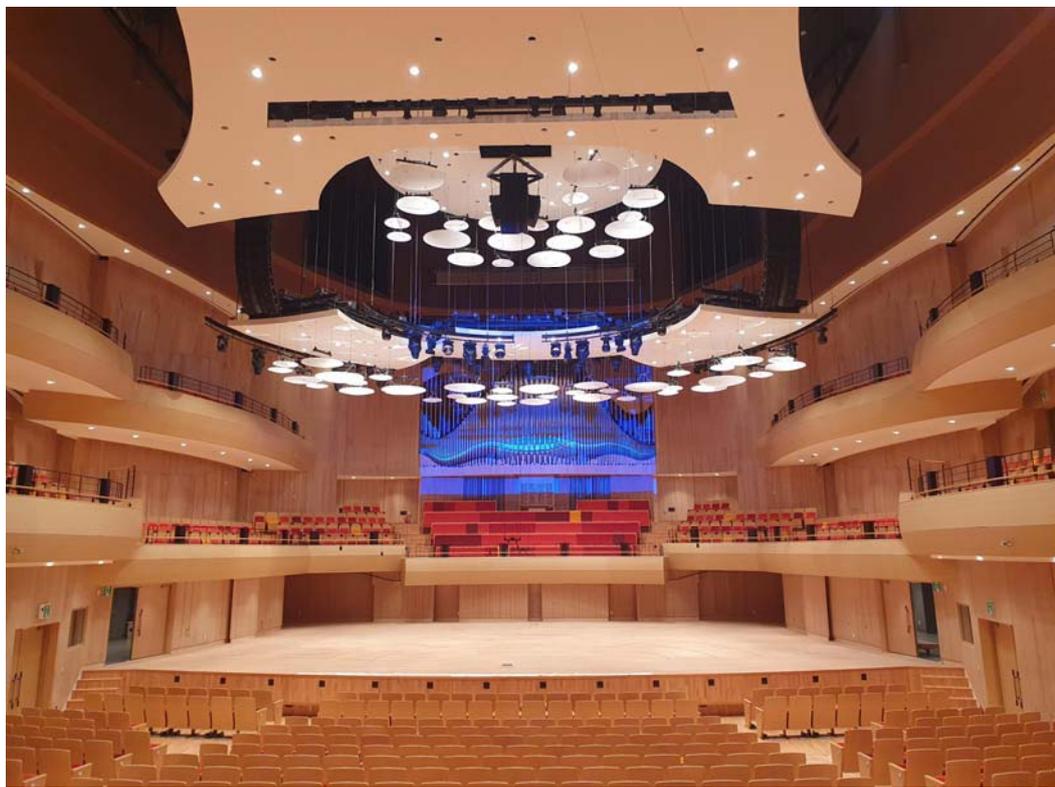


## Dreamsystec and Klausys design and integrate a K3-based system in Bucheon Arts Centre

In Bucheon, 25 kilometres southwest of Seoul, stands the newly-built Bucheon Arts Centre (BAC). Designed by renowned multinational architects Arup, the Centre is now home to the Bucheon Philharmonic Orchestra and Bucheon Civic Chorale.

The management team at BAC turned to L-Acoustics Certified Partner Integrator Dreamsystec and Certified Partner Distributor Klausys. With a stunning portfolio of over 200 performance and concert hall projects, Dreamsystec was the ideal partner to integrate a concert sound system in the main hall, which also boasts adjustable overhead canopies, on-stage sound reflectors, and a motorised cloth system on the walls to ensure an optimum acoustic environment.

The three-level main hall features a vineyard seating design with a combination of traditional shoebox seating in front of the stage and raised tiers of seating behind and to either



side of the stage. Dreamsystec worked with the application team at Klausys and L-Acoustics on a design proposal that would cover the entire 360-degree

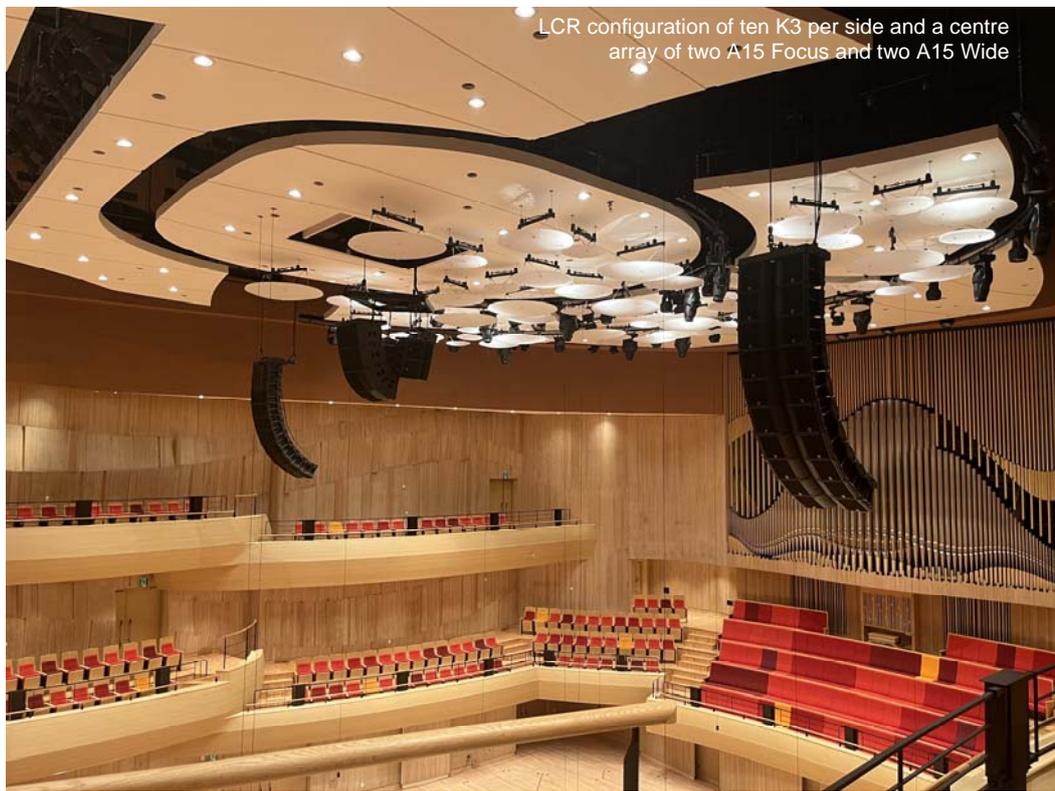
audience. Cheol Jang, Technical Support Engineer for Klausys, says, "The system needed to be as discreet as possible to limit interference with

the venue's interior design. I knew the compact size of the L-Acoustics K3 would blend in beautifully while offering long-throw and clear sound in the hall, which naturally has a longer reverberation time."

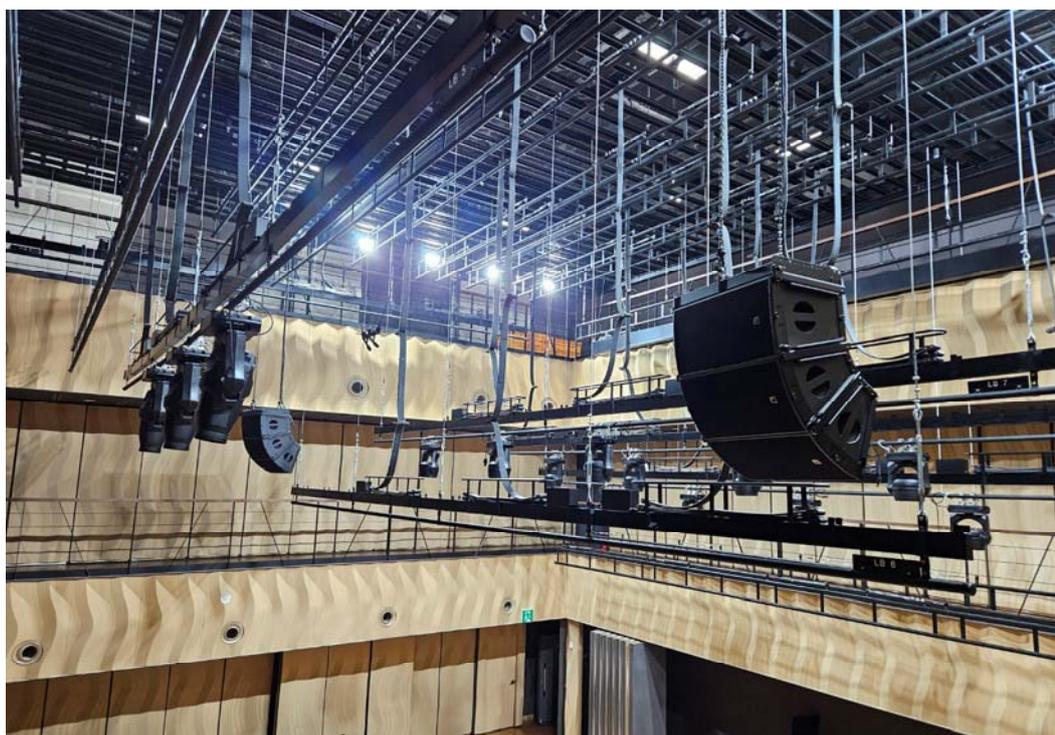
Identifying optimum positions to install speakers amidst the overhead acoustics reflectors, which were at varying heights from the hall's ceiling, was a challenge. Cheol used L-Acoustics Soundvision 3D modelling software to plot ideal speaker placement and ensure even coverage throughout the hall.

The system installed consists of a left/centre/right configuration with arrays of 10 L-Acoustics K3 at left and right with a centre array of two A15 Focus and two A15 Wide which cover much of the main floor, as well as balcony seats on the second floor. The full-range K3 enclosures were complemented with two SB28 subwoofers, extending the low-frequency limit. Front-fill is delivered by 14 X4i coaxial enclosures embedded evenly across the stage lip. Complementing the main system, an additional array of six A10 Focus cabinets covers third-floor balcony seats and two A10i Focus and two A10i Wide per side provide delay. Four X12 coaxial speakers on stage provide monitoring for performers. One LA2Xi, five LA4X, and five LA12X amplified controllers drive the entire system.

The main hall uses an Avid S6L mixing console networked with the L-Acoustics amplified controllers via Milan AVB.



LCR configuration of ten K3 per side and a centre array of two A15 Focus and two A15 Wide



Fourteen X4i coaxial enclosures embedded evenly across the stage lip provide front-fill

The adjacent 304-seat Art Hall is installed with one L-Acoustics ARCS Focus and two ARCS Wide per side

Adjacent to the main concert hall is the Art Hall, a 304-seat black box theatre suitable for smaller classical concerts, such as chamber music or solo musical shows. Dreamsystemec installed one L-Acoustics ARCS Focus and two ARCS Wide per side in the Art Hall, with four X12 enclosures as monitors. Four LA2Xi amplified controllers drive the entire system.

[l-acoustics.com](http://l-acoustics.com)  
[dreamsystemec.com](http://dreamsystemec.com)  
[klausys.com](http://klausys.com)

# Ideal Systems integrate AI, NDI and Metaverse in Gen-Z focused Media Creation Hub for blinx in Dubai

Ideal Systems announced today that it has successfully delivered a state-of-the-art Media Creation Hub for Dubai based blinx, a youth-oriented media and news organisation for the Middle East. The new Hub creates multi-platform content to resonate with digital native Gen-Z and Millennials by being diverse, inclusive, and culturally relevant. The facility includes a next gen metaverse / extended reality (XR) studio, as well as cutting-edge video production facilities and control rooms. The studios are fitted with the latest live production tools including Artificial Intelligence (AI) systems to assist content creators to craft content. The setup includes a



complete 4K-ready audio and video chain facilitated by modern AI, NDI and Dante tools. The core of blinx's operation is based on an end-to-end NDI/Dante video/audio chain. The 4K system was designed and implemented through the partnership between blinx and Ideal Systems teams who worked closely with a number of leading and innovative media technology manufacturers to create the state-of-the-art Media Creation Hub solution. The blinx core video backend is NDI based on virtual NDI infrastructure from Sienna and NDI hardware from Kiloview, which provides a comprehensive suite of NDI processing tools. blinx's unique integration of a redundant NDI router from Sienna and Densitron's control system for seamless routing capabilities, form a fully redundant Tier-1 broadcast grade NDI core for the facility. For audio, Ideal provided Dante audio consoles and processing modules from Solid State Logic (SSL). A notable feature of the blinx's setup is the inclusion of XR studio sets and LED screens from Liantronics, providing a cost-effective solution for XR/AR production. "We built an XR production studio with the help of fine pitch LED Display supplier LianTronics utilizing the latest LED Technologies and Mo-sys tracking," explains Ayman Khatib Ideal's Head of MENA Region.

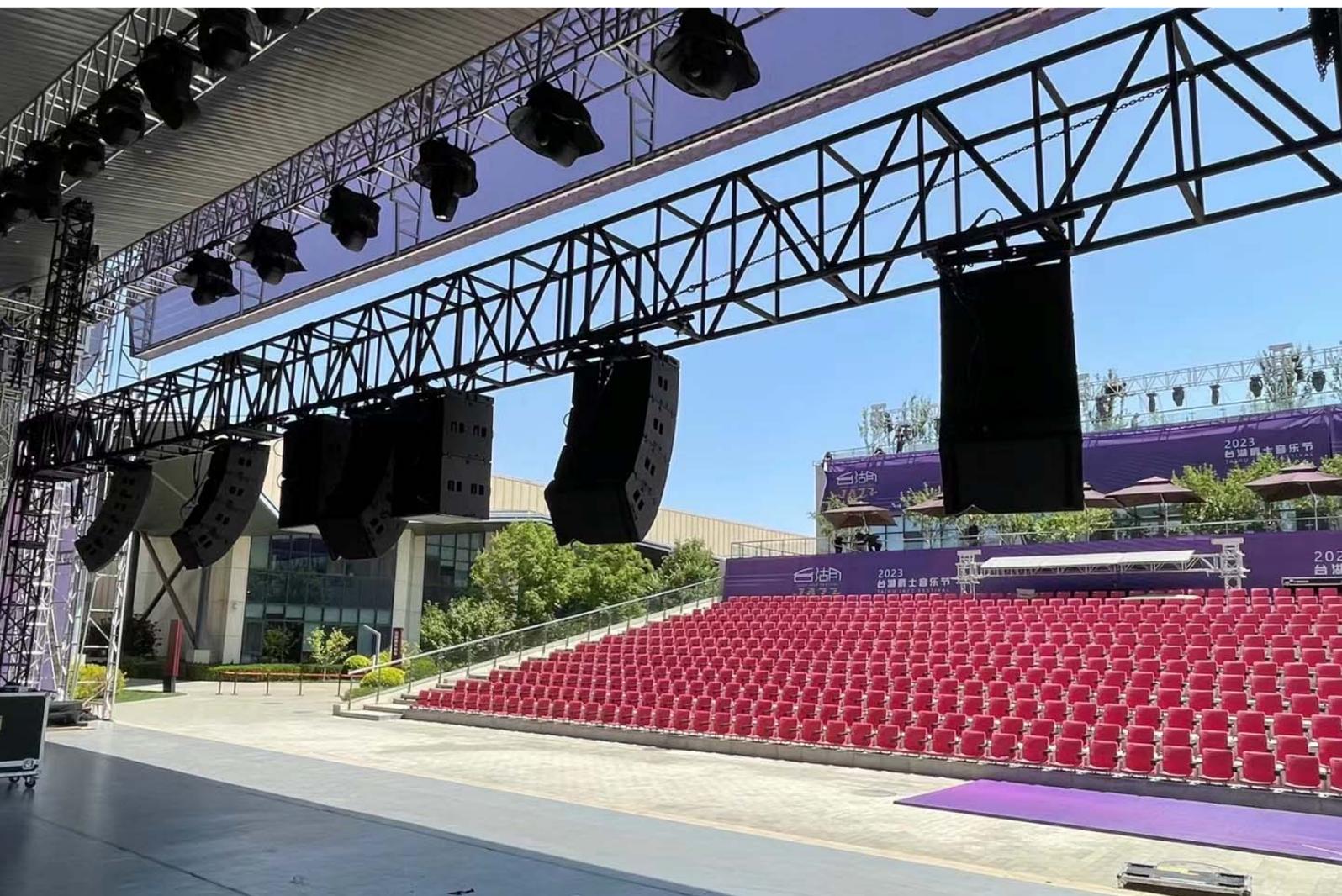
[idealsys.com](http://idealsys.com)

## Astera announces Carl-Johan Sköld as new Group CEO

Award-winning wireless LED lighting manufacturer Astera announces the creation of a new Group CEO position with the appointment of Carl-Johan Sköld. Carl-Johan will be based in Hong Kong and collaborating closely with both the German HQ and design center and Astera's Chinese manufacturing teams to shape the company's medium term and future growth strategies. With extensive expertise in long-term business development and strategy, Carl-Johan will outline some ambitious goals for Astera's future, whilst also fortifying the brand's current standing as a market leading lighting technology brand. One key area in which Carl-Johan will immediately be concentrating his expertise will be intensifying Astera's presence in Asian markets, including advising the German R 'n' D and sales management teams on the increasing and ever-evolving user needs serving a diversity of Asian markets. There will also be some exploration into potential new and increasingly sustainable manufacturing territories and processes. Carl-Johan will also be enhancing general business practices, intelligence and the financial reporting infrastructure and systems to underpin quick and efficient decision-making that boosts productivity across the entire organization.

[astera-led.com](http://astera-led.com)





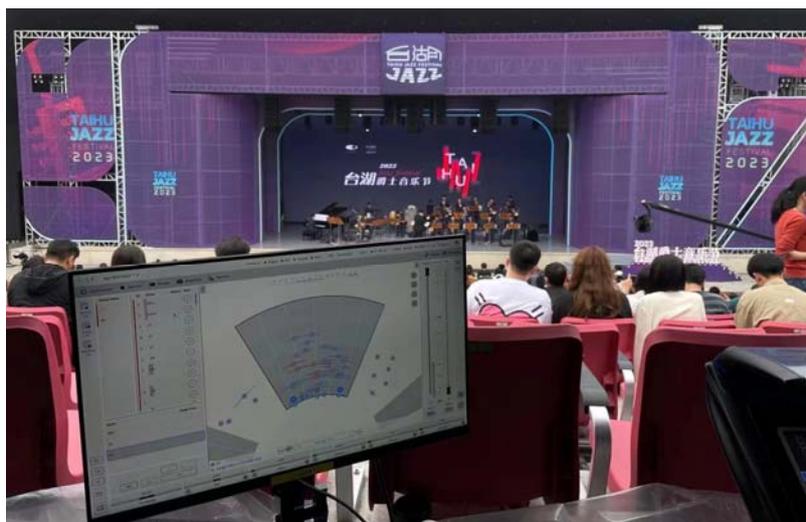
## Rightway Audio Consultants provides the first L-ISA technology for Taihu Jazz Festival

Since its launch in 2021, the Taihu Jazz Festival's objective has been to introduce Chinese culture to patrons through the universal language of jazz. "In the open-air environment of National Centre for the Performing Arts (NCPA), we can present new musical creations and engaging experiences to the audience at each edition," says Huang Yong, Sound Director of the Taihu Jazz Festival. "This year, we made it our goal to introduce L-ISA immersive sound technology to returning festivalgoers. We wanted it to be the first time L-ISA was used for an open-air concert in China."

The festival's main stage consisted of an L-ISA Scene System of five hangs of three L-Acoustics A15 Focus and one A15 Wide each, with four KS21 subwoofers flown in the centre. Twelve X12 coaxial speakers surrounded the

audience gallery seating area, while two SB28 subwoofers provided low-frequency extension. Supplied by L-Acoustics Certified Provider Distributor, Rightway Audio Consultants, sound engineers leaned on the intuitive interface of the L-ISA Controller to mix complex instrument combinations on stage in real-time.

"L-ISA's excellent sound positioning allowed the audience to step into the musicians' world, where they can just listen and feel the music," explains



Mr. Yong. "Such an unprecedented aural experience met our technical production objectives brilliantly and will be a key feature at the festival in future editions," he concludes.

[l-acoustics.com](http://l-acoustics.com)  
[racpro.net](http://racpro.net)

# Provision AVL to distribute GLP's innovative lighting solutions throughout the Middle East

GLP – German Light Products, a leading German manufacturer of professional lighting technology, is once again expanding its international distribution network and appointing Dubai-based Provision AVL as distributor for the entire Middle East region.

Provision AVL is a leading provider of professional audio, lighting, video, rigging and staging solutions in the Middle East. High-quality products are just as much a part of the company philosophy as exceptionally good customer service. A team of experienced professionals advises customers from the region on optimal solutions for events, theatres and installation applications in order to always be one step ahead in a dynamic market.

GLP is an internationally successful manufacturer that continually succeeds in setting new industry standards. Thanks to the partnership with Provision AVL, customers in the Middle East will now have access to the entire portfolio of innovative solutions, coupled with outstanding local service and support.

Kevin Boujikian, general manager of Provision AVL, says: "We are pleased to add GLP's world-class product range to our portfolio and offer it to our customers. As one of the leading brands in the industry, GLP's products are recognised by professionals for their technology and quality. We are confident that this partnership will be a great success. Our customers look forward to having access to the latest lighting solutions from GLP at all times. We look forward to working closely together and building a strong and fruitful relationship."

Stefan Wagner, GLP sales director EMEA, adds: "The Middle East is a market with enormous potential. The need for outstanding lighting solutions is great. Time and again,



major premium events from the region cause a stir worldwide. Our partnership with Provision AVL's well-connected team will significantly increase the presence of GLP products in this important market and contribute to the global growth of the GLP brand. We are also very much looking forward to working together!"

impression X5 IP Bar



[glp.de](http://glp.de)  
Photos © Provision AVL

## Genelec joins forces with Broadcast Professional to strengthen APAC distribution network

Genelec – the world leader in professional loudspeaker solutions – has further strengthened its distribution network in the APAC region through the appointment of Broadcast Professional Pte Ltd as its new distribution partner for Singapore and Malaysia, with responsibility for Genelec’s entire range of Studio, AV and Home Audio products across the two territories. Genelec International Sales Director Ole Jensen comments: “APAC has been a key strategic market for us for many years, and having already established our own subsidiaries in China and Japan, the partnership with Broadcast Professional is a natural step in building our presence and delivering further growth across the region. With its strong focus on technical excellence and providing an unrivalled customer experience, Broadcast Professional’s values correspond perfectly with our own – and we’re extremely excited about the potential that we can unlock together.” Gary Goh, Group CEO, Broadcast Professional, adds: “We’re pleased to announce this strategic partnership with Genelec, a company with a long heritage of excellence. This collaboration unlocks the potential of great synergy between our organisations and perfectly aligns with our vision of providing our valued clients with industry leading solutions.”



Broadcast Professional Group CEO Gary Goh (L) and Genelec Managing Director Siamäk Naghian (R)

[broadcastpro.com.sg](http://broadcastpro.com.sg)   [genelec.com](http://genelec.com)

## Prolights EclDisplay range transforms Belconnen Arts Centre Gallery

Belconnen Art Center has chosen Prolights' EclDisplay range as the main lighting system for its innovative and modern Window Gallery, an exhibition gallery overlooking the street. This innovative space operates in 24-hour mode and is visible from the outside, attracting the attention of passers-by. Accordingly, an excellent lighting system is needed. Linda Buck, the technical manager at Belconnen Art Centre, relied on Show Technology, Prolights' distributor in Australia, to select the new lighting system. Buck explained: “I decided to look at different options for profile type lights in the gallery space that also had Casambi control.” Linda's choice fell on the Prolights EclDisplay range, with the installation of spotlights in the CC version, equipped with a 20°-40° lens and a fixed 3,000K source. Prolights' Display lighting line was specifically designed for gallery and commercial environments, so it was the ideal solution for Linda's lighting needs. Linda expressed her satisfaction by stating: "I was impressed by their light output, price point, and the fact that they had Casambi control. We currently need to upgrade our old gallery system. We're trying to transfer to Casambi eventually, with the Prolights fixtures integrating into our existing track; it means it's one less thing to worry about when upgrading."



[prolights.it](http://prolights.it)



## The New National Theatre embraces Japan's first Eos Apex console

The New National Theatre, Tokyo (NNTT) is Japan's first and foremost national theatre for the performing arts, including opera, ballet, contemporary dance and drama. As part of their 25th Anniversary, NNTT upgraded their lighting control system in the Opera House to the Eos Apex console. As the theatre jumps to a new stage of its life, the Eos Apex console enhances the experience while simplifying the work of the lighting production team. NNTT is proud to have the first Eos Apex consoles in the Japanese theatre industry.

Ken Production Services Inc. and local lighting dealer, synchro rise Co. Ltd., worked closely with the lighting team of the NNTT. For this upgrade project, they chose one Eos Apex 10 24K control desk and four Eos Apex 5 24K desks.

The lighting setup at the NNTT had been quite challenging for the team responsible. In the past, they had to rely on two consoles to manage the lighting equipment from a single production room located in the lighting

booth. Creating and updating cues was quite a task, because of the physical distance between the designer and the operator. The team found innovative ways to overcome these obstacles, but upgrading the lighting system to Eos Apex includes of features that now gives the designer quick access to everything they need.

When asked why the Apex was ideal for the NNTT, Mr. Suzuki said, "The Apex with Eos system offers multi-console control to increase the reliability and stability of the Eos full tracking system, with the added benefit of no latency when switching between the main, backup, or any client console. One of its many benefits is the ability to set up different user IDs, which makes it easy to customize client consoles for different purposes. For example, a lighting designer can use a client console to monitor fixture level output. In contrast, a lighting programmer can use a remote console



*"Each key can display an image the user can assign, and labeling is made even easier with the ability to display Japanese characters on the keys. Finally, the localized language feature made the whole piece of work easier and removed the language restriction barrier."*



in the auditorium to program the show with the best view of the entire stage."

[etconnect.com](http://etconnect.com)

Photos © New National Theatre, Tokyo, Ken Production Services Inc. (KPS)



## Garage One adds 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 for wedding receptions and event banquets 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. Last year Garage One hosted a technical demonstration in which local event organisers and decision-makers heard an L-Acoustics Kiva II system. The demo showcased to attendees the capabilities of the variable curvature line source system, and its precision in delivering pristine sounding, concert-level vocal and speech in an ultra-compact package.

Favourable reviews by guests led Garage One to acquire the long-throw 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.

[l-acoustics.com](http://l-acoustics.com)  
[fuk-staff.com](http://fuk-staff.com)

# DON'T MISS OUT!

SINGAPORE | JUNE 2024

EDUCATION & TECHNOLOGY CONVENTION FOR LIVE EVENT & TECHNICAL PRODUCTION COMPANIES IN THE ASEAN REGION



**LIVETECH**

INNOVATION • CONNECTION • CONVENTION

## SEMINARS & LIVE DEMONSTRATIONS

### DAY 1

Live Loudspeaker Demo by Funktion-One	by Rebel AV
Rigging Safe, Rigging Right for Live events	by Roy Lee
Network systems, what is networking?	by MA Lighting
Musician monitoring	by Daniel Loh

### DAY 2

Live Loudspeaker Demo by Funktion-One	by Rebel AV
Network systems, what is networking?	by MA Lighting
Rigging Safe, Rigging Right for Live events	by Roy Lee

Digital Media Partner





## At-Thohir Mosque's magnificent architecture illuminated by Martin

To elevate the new At-Thohir Mosque's vibrant and impactful architecture, PT Chayolite and PT Buana Primalite Abadi Sukses deployed a wide selection of Martin lighting solutions.

Located in South Jakarta, the At-Thohir Mosque is built on roughly seven acres of land, the mosque can accommodate more than 1900 worshippers indoors and an additional 1300 in its multipurpose plaza. The highlight of the At-Thohir Mosque is its intricate, modern-classical architecture, which consists of a large dome surrounded by four minaret towers as high as 40 meters and several smaller-sized domes.

To give the Mosque an exterior lighting solution that heightened every detail during all hours and seasons, PT Chayolite and PT Buana Primalite Abadi Sukses worked with HARMAN Professional Solutions to illuminate At-Thohir's façade with Martin Exterior Series lights.

With ultra-durable IP66- and IP67-rated housing and powerful RGBW LED bulbs, the Martin Exterior Series' commitment to versatility is two-fold. Not only can the fixtures adapt to any setting thanks to their wide color palette and beam options, but their weatherproof enclosures also guarantee that they will thrive in any outdoor condition.

For the At-Thohir Mosque, the installation team deployed 220 Martin Exterior Wash 110 lights, which offer up to 1300 lumens at full white and six different beam angle options. Supported by 48 in-ground Martin Exterior 410 lights and 50 Martin Exterior Wash 210 lights, the resulting

rig offers full coverage and quad color-mixing throughout the Mosque's perimeter, providing impactful and energy-efficient illumination for the minaret tower, domes and façade.

A spokesperson from PT Chayolite reported that Martin Exterior Series delivered the perfect selection of compact and discreet lighting with powerful intensities, easy installation and user-friendly controls. "Working as a team with PT Chayolite and PT Buana Primalite Abadi Sukses, we overcame several challenges and managed to bring out the grandeur of At-Thohir with Martin's selection of lighting products," said Amar Subash, VP & GM, HARMAN Professional Solutions of APAC. "It is an incredible project, and we are honored to play a part in lighting up the beautiful façade of this highly acclaimed mosque in the heart of South Jakarta."



[www.martin.com](http://www.martin.com)

<https://pro.harman.com>

## Green-GO is the 'go-to' for Pucheng Grand Theater

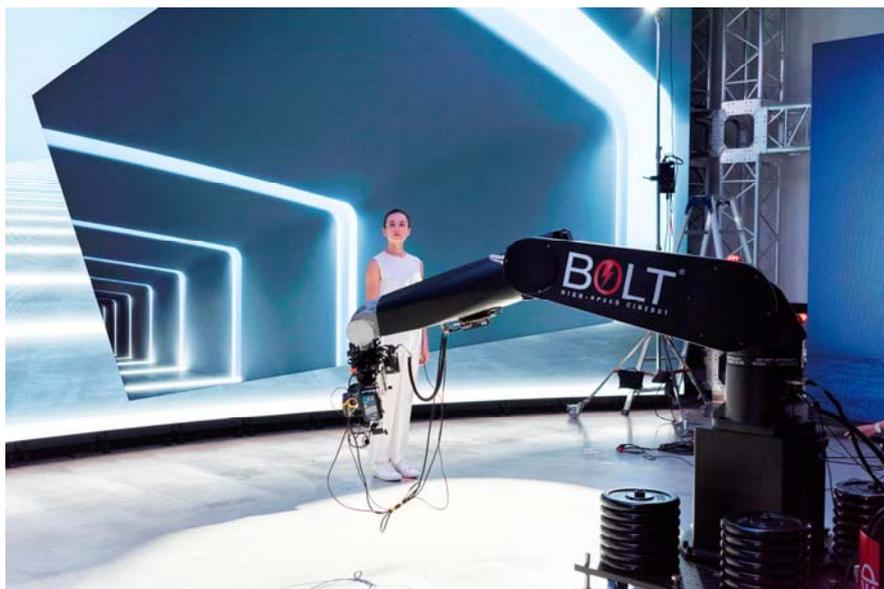
The Pucheng Grand Theater serves as a focus for cultural and performing arts activities for Pucheng County, in south-eastern China's Fujian Province. Responsible for the new venue's audio system design, installation and commissioning was one of China's leading specialist AV solutions providers, EZPro. The company's technical manager, FAN Gaoqing, says, "To meet the needs of the varied performances and activities, flexibility and stability is absolutely critical. The project needed an intercom system with a good quality of sound, which is easy to use and would be scalable. Therefore, we chose the innovative Green-GO digital intercom solution." The system chosen for the Pucheng Grand Theater includes four Green-GO MCXD multi-channel desk stations and two MCX multi-channel rack stations, configured with six BPX multi-channel wired belt packs. Further extending the flexibility and cost-effectiveness of the Green-GO system, two INTERFACE X units are also provided, giving the additional advantage of the option to incorporate 2-wire or 4-wire analog intercom systems into the Green-GO network. One RDX radio interface is also configured in the system, which allows integration with the intercom system for security guards and other staff using portable radios.



[greengodigital.com](http://greengodigital.com)    [ezpro.com](http://ezpro.com)

## Brompton Technology powers Nikon Creates' new Heiwajima Stage in Tokyo

Nikon Creates Studio, a new subsidiary of Nikon Corporation, has recently unveiled its brand-new HEIWAJIMA STAGE, a multifunctional shooting facility created with the support of Global Vision Multimedia (GVM). Located at Nikon Creates' imaging complex in Tokyo, Japan, the stage features the latest technology, including volumetric video recording systems and a large LED volume for virtual production (VP) setups, driven by Brompton Technology LED processing. Its impressive LED setup consists of a 10.4m wide by 4.2m high main LED wall made up of Absen AX1.5 PRO, plus a height adjustable ceiling for ambient lighting, comprising Absen JP4 LED panels which measures 6m wide by 4.2m deep. The studio also features two movable 1.8m wide by 3m high Absen LED side screens, again used for ambient lighting. The entire setup is powered by four Brompton 4K Tessera SX40 LED processors, along with 14 Tessera 10G data distribution units. The remainder of the system includes a disguise vx4+, a vx2, and four rxII units, employing ICVFX as the primary shooting method. The input is compatible with 12G-SDI, and the input/output is optimised for high-resolution shooting.



[bromptontech.com](http://bromptontech.com)



## Meyer Sound PANTHER sets sail with Yuming

Yumi Matsutoya is known as Yuming to her fans. Her recent in-the-round concert tour stage design, entitled “The Journey,” centers around a pirate ship set, while the audio is powered by Japan’s first major touring deployment of Meyer Sound PANTHER™ large-format linear line array loudspeakers.

Audio systems for the tour are supplied by Arté (Acoustic Reinforcement Technology Co.) rental division of S.C. Alliance in partnership with Artwiz, Meyer Sound’s Dealer for Japan. The Meyer Sound system was designed by Arté audio designer and system engineer Shoji Yuzawa with assistance from Meyer Sound Director of System Optimization Bob McCarthy.

The audio production confronted the typical challenges of in-the-round staging with further complications from the unusual set design. “The pirate ship motif pushed the array up high, but PANTHER had enough vertical to get the coverage we needed,” says McCarthy. “And for the horizontal, we used the wider PANTHER-W™ for the

floor seating and transitioned to the narrower PANTHER L™ to minimize overlap and maximize intelligibility in the upper bowl.”

The touring system is anchored by eight hangs of 12-each PANTHER loudspeakers, with 16 1100-LFC™ low-frequency control elements contributing a solid bottom end. Fills are 16 LEOPARD® compact line array loudspeakers along with four ULTRA-X40™ compact loudspeakers, with system drive and optimization from three Galileo® GALAXY Network Platforms.

FOH engineer Norihiko Tango of Star-Tech, Inc., who has mixed Yuming’s



Bob McCarthy,  
Meyer Sound Director  
of System Optimization

concerts for the past 30 years, found that the PANTHER system faithfully reproduced his mixes. “It is my image,” he says. “Of course, with in-the-round, I hear only one part of the sound, but with the system engineers led by Mr. Yuzawa, I am confident that any variances are quite small.”

[meyersound.com](http://meyersound.com)  
Photos © Takeshi Suzuki

## Christie completes 150th permanent projection mapping project in India with historic Old Fort

Christie® is pleased to announce the completion of its 150th permanent projection mapping project in India – an upgrade of the projection systems deployed for a stunning son et lumière on the façade of Purana Qila, commonly known as Old Fort. Three state-of-the-art Crimson WU31 3DLP® laser projectors now take the center stage for a mesmerizing son et lumière on the walls of this 500-year-old monument, replacing the legacy S+20 Roadster projectors that served for over a decade. The projectors were installed and commissioned by Christie's longstanding partner, Modern Stage Service, which played a pivotal role in the same project 12 years ago, serving as master systems integrator. The Crimson WU31 projectors have been strategically positioned in enclosures at a height of approximately 2 meters, located nearly 200 meters away from the frontage of the Old Fort. Even at this considerable distance, the images, spanning 50 meters in width and 20 meters in height, appear strikingly vivid and lifelike.



[christiedigital.com](http://christiedigital.com)

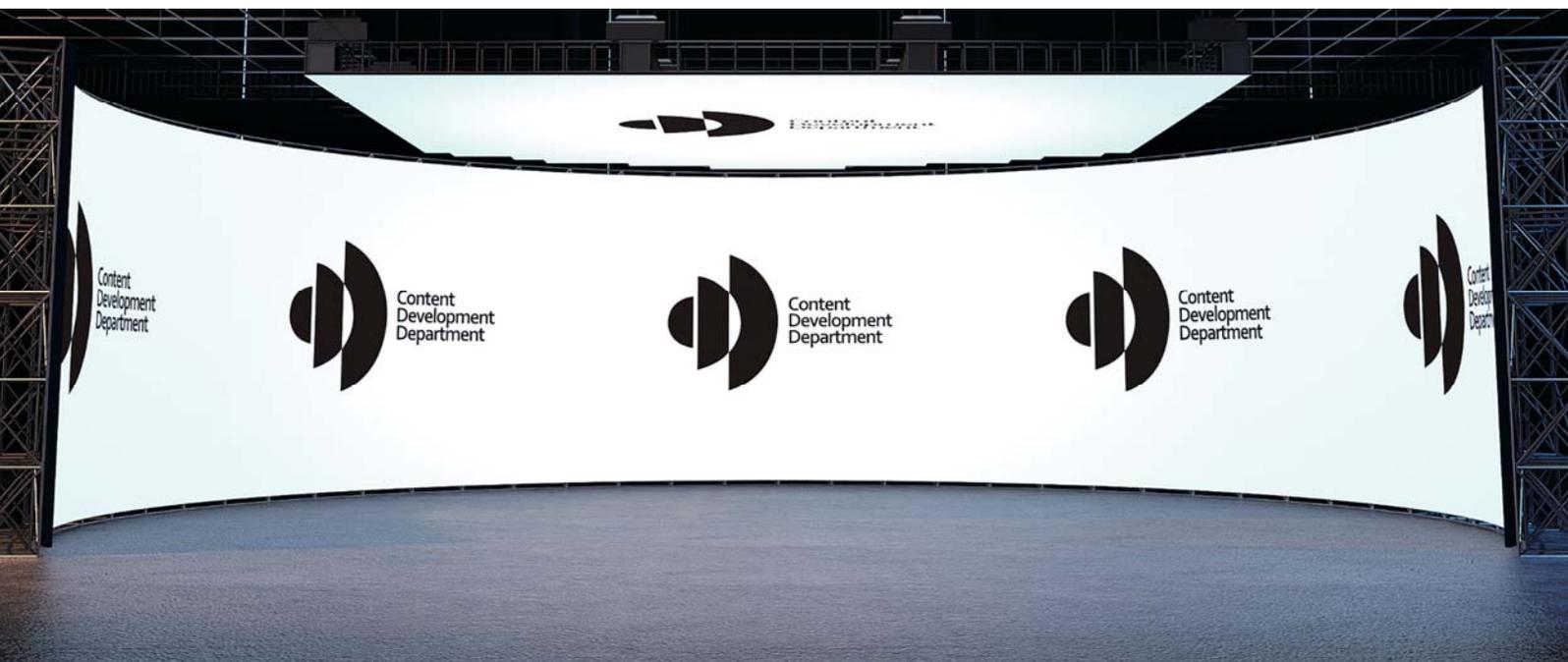
Photos © Modern Stage Service

## Alfalite takes its LED display technology to the Senate of Pakistan

Alfalite, the only European manufacturer of LED screens, is pleased to announce its first project in Pakistan by the hand of its distributor World Wide Vision. The Senate of the Asian country has installed two 5 x 3 meter screens of the Alfalite Modularpix Pro 1.9 model with ORIM® technology. The project has been developed by the brand's local dealer, World Wide Vision, based in Islamabad, who is certified and trained by Alfalite to carry out the installations of the manufacturer's LED screens. The two displays, each with a resolution of 2560 x 1536 pixels, have a total of 120 Alfalite Modularpix Pro 1.9 LED panels and have been mounted on the plenary walls. The displays are managed by two Novastar VX1000 all-in-one controllers, also supplied by World Wide Vision. Luis Garrido, Executive Director of Alfalite, says: "We are very happy with this first installation in Pakistan and would like to congratulate our partner World Wide Vision for their excellent work in integrating our screens in the country's Senate."



[alfalite.com](http://alfalite.com)



## Brompton Technology powers Tencent Games' CDD Virtual Studio for live broadcasts and virtual events

Established just under two years ago by Tencent Interactive Entertainment Group's Content Development Department (CDD), the Shenzhen-based CDD Virtual Studio has been pioneering new content production methods for China's largest online gaming platform, Tencent Games. It currently stands as the only virtual studio in the country equipped with CDD's self-developed VP and XR dual-system automatic switching capability, which allows for rapid system switching within one minute, enabling the facility to meet the high-end VP and XR system shooting requirements for large-scale productions in film and television.

The studio utilises industry-leading Brompton Technology LED video processing and AOTO LED screen as part of its cutting-edge technical setup.

With an impressive LED setup that includes a 40m by 6m, 240-degree curved LED screen and a movable 12.5m by 11m LED ceiling spanning over 100 square metres, the studio utilises AOTO LED panels with a pixel pitch of 2.3mm, powered by 12 4K Tessera SX40 LED processors and 24 Tessera XD 10G data distribution units. To take advantage of the full potential of each LED, the AOTO RM2.3 panels



were calibrated with Brompton's advanced measurement system, Hydra, unlocking Dynamic Calibration colour processing features and making the panels Brompton HDR-ready, which ensures beautiful, uniform video content even at extremes of brightness and colour gamut.

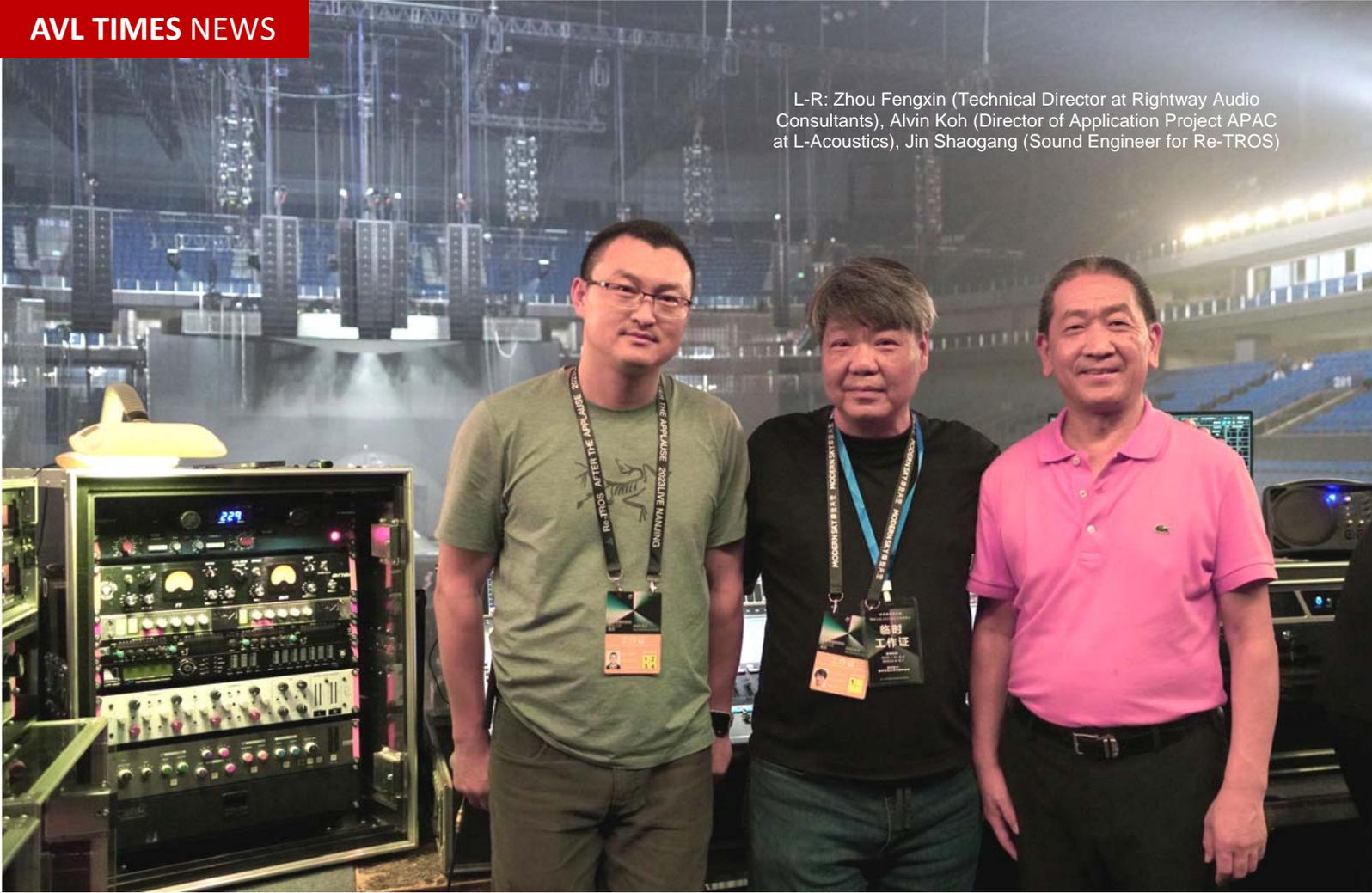


QQ Dance 15th Anniversary Celebration

[bromptontech.com](http://bromptontech.com)

[www.avltimes.com](http://www.avltimes.com)

L-R: Zhou Fengxin (Technical Director at Rightway Audio Consultants), Alvin Koh (Director of Application Project APAC at L-Acoustics), Jin Shaogang (Sound Engineer for Re-TROS)



## Rightway Audio Consultants support sound producer Jin Shaogang with spatial sound design, deployment and mix in the Nanjing Olympic Sports Park Arena

The Nanjing Olympic Sports Park Arena made a fitting home for Re-TROS' homecoming stop of the AFTER THE APPLAUSE tour. For this important show, the band introduced an impressive 360° L-ISA immersive audio experience to complement the stunning live concert visuals and offer fans a more intimate and enveloping experience.

Mr. Jin Shaogang, sound engineer for Re-TROS, has also served as the sound engineer for The Big Band, the opening and closing ceremonies of the 2008 Beijing Olympic Games, and the television show The Voice of China, where in 2019, he was the first to use L-ISA immersive sound in the country. Mr. Jin explains how he and the band visited the L-ISA Auditoria three years ago at the Beijing headquarters of Rightway Audio Consultants (RAC), an L-Acoustics Certified Provider

Distributor. "They were instantly impressed by the precise positioning and clarity of sound objects in the mix. With the support from their record label, Modern Sky and Rightway, they wished to implement immersive sound in their live concerts," he reveals.

The arena dimensions were imported into Soundvision, L-Acoustics 3D modelling software along with the proposed L-ISA configuration design. Using the L-Acoustics P1 Milan AVB processing and measurement platform, and LA Network Manager, the team improved system optimization and shortened the testing process, clearing the arena space for other teams to prepare. The L-ISA immersive configuration, provided by Certified Rental Partner Beijing Xingchen Shiji Culture Communication Co. Ltd., consisted of a Focus system of five hangs of 14 K2 flown above the stage,



with further arrays of 15 Kara, two on either side, providing extension. Two hangs of eight KS28 were flown centrally for low-end reinforcement. Side-fill consisted of 12 K2 per side, and six hangs of eight Kara each were placed around the audience for surrounds. Front-fill consisted of five sets of two KS28 subwoofers with two Kara II stacked on top.

[l-acoustics.com](http://l-acoustics.com)  
[racpro.net](http://racpro.net)

## Monash University masters classroom audio with EAW

When it comes to education, Monash University is focused on addressing today's challenges for a better tomorrow. So, when the world started shifting from analogue VGA video to HDMI digital, and their students required higher quality output from its AV systems, Monash called on Audio Visual Design Manager and Lead Architect Peter MacLean to overhaul the university's sound setup. Across Monash's five Melbourne campuses, as well as its international campuses, over 1,000 EAW speakers are utilized. Solutions include the brand's CIS300 Ceiling-Mounted 2-way Loudspeakers in the larger flat floor collaborative learning spaces, with the smaller and medium-sized lecture spaces featuring MK8100, VFR and UB Series Loudspeakers for FOH and delay. In the larger theatres, the biggest of which can seat around 400 students, Monash has installed EAW's QX300 Series 2-Way Trapezoidal Enclosure Speakers along with the MK8100 series for delay. The Caulfield Campus also features an EAW ANNA and OTTO ADAPtive System as part of a large outdoor LED screen for student concerts, providing controlled sound in a very difficult environment. All of Monash's lecture theatres additionally use the LS series small line source speakers for ceiling mounted foldback. Monash's world class Biomedical Learning and Teaching Building allows for the flexibility of running 1 x 240, 2 x 120 or 4 x 60 student classes in each of the five Flexi Labs. This enables the university to maximize space usage and minimize cost of these labs. This is made possible with the use of the very directional EAW LS432 small line source speakers, with two mounted in the ceiling above each of the six tables in the labs.



[eaw.com](http://eaw.com)

## Hong Kong Space Museum is over the moon with PIXERA mini



An ultra-compact PIXERA mini media server is punching above its weight at a new interactive exhibition focusing on the world's largest infrared space telescope. As an exhibition that relies heavily on projected images and video, Golden Eye on the Cosmos required a media server solution that would ensure stable video playback and flexible projection mapping and geometric correction capabilities, explains Jason Yeung of Hong Kong-based system integrator CosmoVision. To meet this objective, Yeung and team specified a single PIXERA mini Dual server, which handles all video content layering and output projection mapping, including the spectacular projection-mapped images of the cosmos which are the highlight of the exhibition. Due to the limited space for the installation, the Christie projector used in the exhibition had to be paired with an extreme wide-angle fisheye lens, which created significant distortion. "Hence, all the image correction and warping was done within PIXERA to ensure that the content is not distorted or deformed in any way," Yeung continues. The PIXERA software also fulfilled another client requirement, he adds: "They wanted to have show control without having to involve another third-party system, which made PIXERA Control the perfect complementary show control solution to interact with other elements in the exhibition."

[pixera.com](http://pixera.com)

[cosmovision.com](http://cosmovision.com)

Photo © CosmoVision



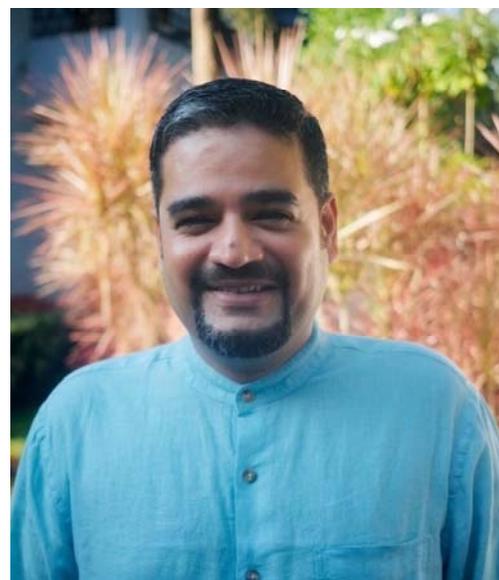
## Naveen Deshpande revolutionizes stand-up comedy in India with a bespoke lighting design

A recent phenomenon that has been turning heads in the ever-evolving realm of live events is the groundbreaking use of world-class lighting design to breath new life into the world of stand-up comedy. And Naveen Deshpande, a renowned trailblazing lighting designer from India, stands at the forefront of this revolution; as he set out on a mission to redefine the audience experience at comedy shows through his unique lighting design expertise. This endeavour was fruitfully realized through his recent collaboration with India's leading stand-up comedian, Zakir Khan, during the latter's immensely successful international tour.

The journey began when Naveen and his team were exploring ways to disrupt the traditional lighting setup at comedy shows. Their initial experiment was with Amazon Prime's stand-up special "Bas Kar Bassi," featuring Anubhav Singh Bassi – a beloved artist within the Indian scene today. The experience ignited Naveen's curiosity about blending lighting as an integral part of

set design to amplify the show's atmosphere. "The concept was simple; how do we move away from the conventional set up of just having a curtain at the back and by up lighting it to utilising lights as part of the set design and enhancing the look and feel of the show" quips Naveen, as he reveals that a fateful connection with Ankur Bharadwaj, Zakir Khan's manager, transformed this idea into reality.

The success of Naveen's design hinged on the synergy between his vision and the available technological arsenal; with both, the Sydney Opera House and Melbourne Palais Theatre, thankfully boasting top-tier fixtures from renowned lighting manufacturer Martin; the likes of which included the Mac Viper, Quantum Wash, Quantum Profile, and Rush Blinders. On the other hand, Naveen's floor package relied on the versatile Mac Aura XB fixtures, as he informs, "I wanted a good and tight arrangement of zoom washes placed in a semi-circle format as part of my floor package. So, for this I went with the industry favourite Mac Aura XB fixtures, which also happens to be my main



Naveen Deshpande

workhorse wash for most of the other shows that I work on!" At the same time, Naveen shares that the multitude of high-performance architectural lighting at the Sydney Opera House helped to add a layer of elegance to the overall design, while also affirming that the shows at both venues were meticulously orchestrated using the industry favourite grandMA3 control system.

Having said that though, Naveen does confess the Sydney Opera House posed a unique challenge due to a pre-scheduled Sydney Symphony Orchestra show, leaving Naveen's team with a narrow window to set up. "We only had 2 hours 30 mins to load in our gear, rig it based on our plot, program and be show ready before the doors opened" Naveen informs, as he clarifies that careful coordination and an efficient rigging plan ensured the eventual smooth execution of the entire lighting plan at the venue.

While working his magic at the Melbourne Palais Theatre and the Sydney Opera House, Naveen was presented with an array of lighting fixtures that would make any lighting designer's heart skip a beat. At the Melbourne Palais Theatre, he had hundreds of fixtures at his disposal; and this number more than doubled at the Sydney Opera House, courtesy of the venue's already impressive in-house rig. "For me it was like being a kid in a candy-store!" exclaims Naveen, as he speaks about sheer quantity of world-class lighting technologies that were made available to him at both venues.

The situation though enticing, demanded Naveen to bring his unmatched expertise and innate understanding of the intricate world of lighting to the fore; as he meticulously curated the perfect combination of fixtures to elevate the visual appeal of the respective shows to unprecedented heights. This approach, as Naveen explains, delved deep into the realms of color theory and lighting principles, with a view to captivate the audience on a subliminal level. For instance, Naveen's strategic thinking came to the forefront when considering follow-spots. At the Melbourne Palais Theatre, he opted for a single follow-spot strategically positioned at the absolute center of the stage, which not only seamlessly harmonized with the venue's dynamics but also ensured the most precise and immersive spotlighting experience. In contrast, the Sydney Opera House demanded a nuanced touch, as the team deployed two follow-spots that were thoughtfully



**Sydney Opera House  
Lighting Rig**

- 08 x Martin Encore Performance
- 06 x Martin Quantum Wash (floor)
- 06 x Martin Quantum profile
- 07 x Martin MAC Viper performance
- 06 x Martin MAC Viper profile
- 11 x Martin Quantum wash (top)
- 08 x Martin MAC 101 CT
- 08 x Martin Encore performance
- 04 x High End Systems SolaSpot Pro 1500
- 16 x High End Systems SolaFrame Studio
- 12 x ETC Lustr II
- 06 x ETC Lustr III
- 10 x ETC Lustr III 19-degree profiles
- 96 x ETC Pro Multi cell 8 37-degrees
- 30 x Robert Juliat ZEP 661sx
- 02 x Robert Juliat Merlin follow spot
- 12 x Lumascape Banner fixture
- 01 x grandMA2 light
- 02 x Unique Haze



**The Melbourne Palais Theatre  
Lighting Rig**

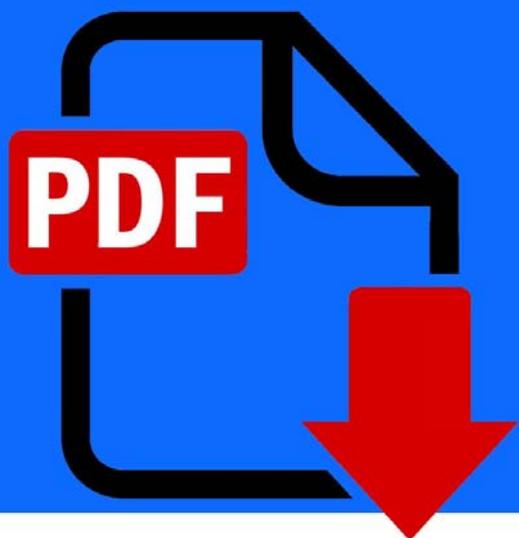
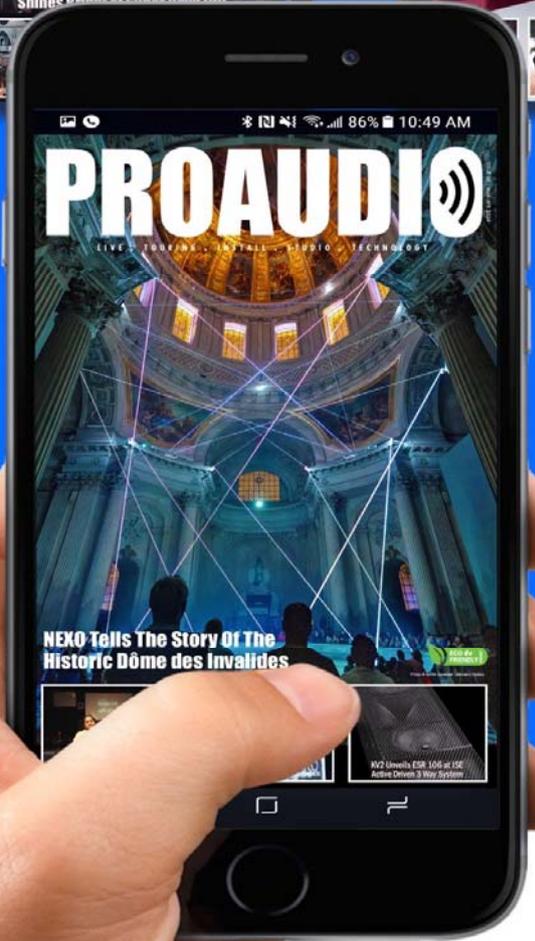
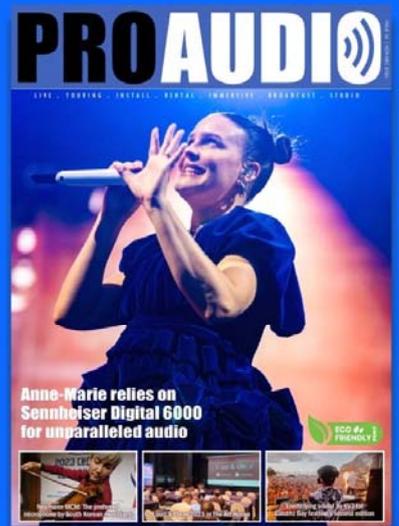
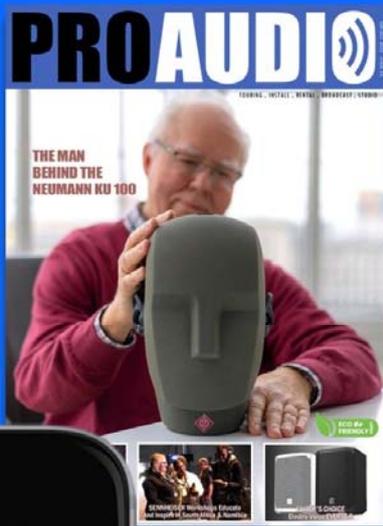
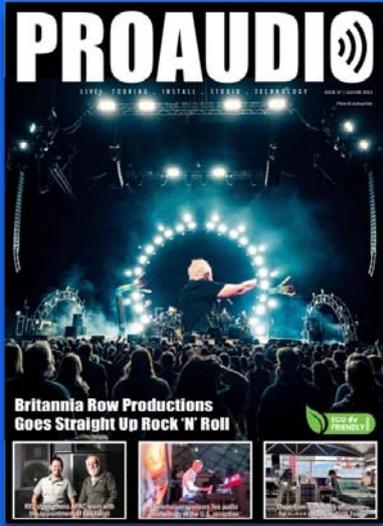
- 23 x Robe Robin 600 LED Wash
- 12 x Martin MAC Aura XB
- 16 x Martin MAC Era Performance
- 04 x Martin RUSH Blinders 1WW
- 04 x SGM X5 White LED Strobes
- 07 x EK Lights LED Molefay Duet
- 01 x Concept CO2 Hazer (DMX)
- 01 x Variable Chrome Smoke Fan
- 01 x Robert Juliat Merlin Follow Spot
- 01 x grandMA3 full-size Console

rigged on the sides of the stage. This configuration not only offered the optimal spotlight angle but also provided a subtly nuanced experience for the artist himself, thereby further enhancing the visual spectacle.

Naveen's ability to navigate the vast array of lighting fixtures and select the perfect combination showcased not only his technical prowess but also his artistic sensibility. It was this delicate balance between technology and artistry that contributed to the resounding success of the lighting design at both venues, underlining the profound impact of his craft in the world of live entertainment.

The impact of Naveen Deshpande's revolutionary lighting designs reverberated through the audiences, organizers, and even the celebrated comedian himself, Zakir Khan. At the Australian leg of Khan's world tour, an electrifying energy enveloped the room, redefining the very essence of a stand-up comedy event. With newfound conviction, he added, "Moreover, I am thrilled that I can now champion the unexplored potential of lighting in the world of stand-up comedy to anyone who questions its feasibility."

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## AMX SVSI N3300 Series

### 4K60 H.26x/Dante AV-H Encoders and Decoders



### *Fully-featured, Cost-effective Streaming Family Extends Reach of SVSI 4K60 Networked AV Solutions to the WAN*

HARMAN Professional Solutions, the global leader in audio, lighting, video and control systems, announced its new AMX SVSI N3300 Series Encoders and Decoders. The feature-rich series offers greater streaming flexibility and interoperability, and is ideal for almost any streaming application but is especially applicable for colleges and universities, casinos, courtrooms, hospitality, and government applications.

The N3300 Series delivers the highest quality 4K60 H.26x and Dante AV-H video content at the lowest bandwidth to extend the reach of SVSI 4K60 networked AV solutions to the WAN for streaming, video to desktop, digital signage, set-top boxes, or mobile device applications.

In addition to transmitting HDCP content from N3300 Encoders to Decoders, they also feature recording of video to a USB 3.0 external drive on encoders, video preview images viewable from the built-in web interface or from a touch panel, and enhanced support for high-security networks.

Dante AV-H, a standard for AVoIP devices created to allow for the interoperability of multiple devices on the network is also supported. With Dante AV-H, N3300 products are compatible with Dante Studio, a suite of software tools for PC, that allows you to monitor or bring video directly into UC, recording, production, or streaming applications without the need for additional hardware.

Available in stand-alone box and card form factors, N3300 Encoders simultaneously output both 4K60 H.26x and 1080p H.26x video streams to provide the best video quality locally and the lowest bandwidth video for remote viewing or recording when required.

- **DANTE AV-H:** N3300 models feature Video and Audio interoperability with products based on Dante AV-H technology.
- **HIGH-QUALITY 4K60 H.26X:** High-quality H.26x 4K60 4:4:4 streaming delivers excellent video quality for transmitting both live video and detailed content
- **HIGH-COMPATIBILITY, LOW-BANDWIDTH 1080P SECONDARY STREAM:** Simultaneously output both 4K60 H.26x and 1080p H.26x video streams
- **USB 3.0 RECORDING TO AN EXTERNAL DRIVE:** N3300 Encoders feature full-bandwidth USB 3.0 video recording of non-HDCP content on an external USB drive.
- **ENTERPRISE NETWORKING:** Multicast support, VLAN tagging, QoS, and the latest N3300 integrated security features ease enterprise IT teams' ability to manage network traffic effectively
- **OPEN DIRECT-CONTROL API:** An open API makes it possible for any control system or application, such as Zoom Rooms, to control the device.



Click this link for more information at <https://pro.harman.com>

# Claypaky Rhapsodya

## Low-noise multi-spectral RGBAL LED fixture

Rhapsodya emerges as a groundbreaking, low-noise multi-spectral RGBAL LED fixture meticulously designed for various applications such as touring, live events, theatre, and TV production, and managed by a specially crafted, internally developed firmware algorithm. It is an evolution of Sinfonya, particularly regarding the focus on quality of optics and color management, and the whisper-quiet operation even at full output. Rhapsodya has a stunning new product design that is sleek and modern, with a double power output compared to Sinfonya.

Besides the innovative features in common with Sinfonya, such as ACCUFRAMETM, a framing system employing dual focal planes, achieving an astounding 40-fold increase in precision when compared to conventional framing systems and TONEDOWNNTM, which ensures whisper-quiet operation at just 27dB, Absolute Position control for advanced PAN & TILT capabilities, and LINEGUARD, a new frost system employing two pairs of blades, Rhapsodya gives a technological boost thanks to the new features: AccuTune a precise control over the multicolor LED engine thanks to a new algorithm for vibrant and rich colors optimized for both stage and TV.

COLORSTRING, is an individual LED control for a high level of graphics and color effects, empowering you to create intricate and dynamic lighting displays. Furthermore, the fixture boasts a cutting-edge Proprietary Optical System, offering an impressive 6° to 60° Zoom range. Rhapsodya is more than just a fixture; it's your backstage partner, your on-air star, and your roadie's dream. Explore its exceptional features and witness the future of lighting innovation.



### Light Source

1200W RGBAL LED Engine



### Light Output

24,000 lm (in integrating sphere)



### Zoom range

6°- 60°



### Effects

Digital color filters; Individual Led Stripe Control (ColorString); 2 wheels with 6 HD interchangeable rotating gobos each; Animation wheel with X/Y insertion and rotation; 4-facets prism with rotation in both directions at variable speed; Color wheel expansion (with additional deep red, deep green and deep blue options)



Click this link for more information at [www.claypaky.it/products/rhapsodya/](http://www.claypaky.it/products/rhapsodya/)

# JBL Venue Synthesis

## Acoustic Simulation Software

Venue Synthesis introduces the ability to run three-dimensional acoustic predictions, simulate acoustic performance for complete systems, and validate equipment for safe, secure rigging. Users can create or import 3D venue models, interact with realistic 3D models of JBL Professional loudspeakers and accessories and predict coverage on any plane for a full system of JBL products.

The new application, which replaces JBL's Line Array Calculator, has been designed from the ground up to take advantage of an improved acoustical and mechanical engine and offers ultra-realistic 2D and 3D graphics, featuring accurate renderings of physical rigging components.

With Venue Synthesis, it's never been easier to take systems from design to deployment, from making time- and cost-saving planning decisions to running precise predictions to ensuring safe, secure rigging—all in 3D. Venue Synthesis is perfect for tour sound rental companies, venue owners, acoustic consultants and live sound systems engineers who plan and design acoustic systems of any scale.

### **Venue Synthesis features three intuitive modes of operation:**

#### **Venue Mode: Fast, Simple Modeling Tools**

Venue Mode makes it easy to quickly generate venue models in 2D or 3D using industry-standard geometry formats or build venues from scratch. Import and trace 2D schematics using common file formats to quickly model venues at scale, and create common architectural and audience areas such as balconies using the Special Object Creator.

*Free Application Lets Users Rapidly Create 3D Venue Models and Design Complete JBL Sound Systems for any Environment*



#### **Acoustics Mode: Design Down to the Smallest Detail**

Use Acoustics Mode to build and refine JBL Professional loudspeaker systems, including suspended and ground-stacked line arrays, distributed subwoofers and point-source systems. Configure equipment quantities and parameters including system size, position, angles, DSP and amplifier settings.

Users can visualize fast-rendering preliminary "Quick SPL" coverage or fully map SPL to a venue for ultra-precise coverage visualization with 1/12-octave frequency resolution—far finer than the industry standard of 1/3 octave—and high-resolution balloon data for high-frequency channels measured to 2 degrees. A 3D Full

System Mapping feature precisely maps acoustic coverage on any audience plane, and can optimize off-axis response, complement off-axis response with point-source speakers and correct for acoustic shadows such as church pillars and under-balcony areas.

#### **Mechanics Mode: Ensure Safety and Reliability**

Mechanics Mode lets users validate and refine mechanical settings— included suspended arrays—to confirm system feasibility, safety and reliability, using 2D and 3D configuration views. An Array Statistics tool confirms adherence to regulatory requirements, and a real-time warning notification system alerts users to safety and reliability issues across the system.



Click this link for more information at <https://jblpro.com/products/venue-synthesis>

## KV2 ESR 106

### Active Driven 3 Way System

The ESR Series was developed for a particular niche in the market requiring an all-in-one box to provide clear, detailed reproduction over a wide area. Typical applications include theatres, houses of worship, cultural/performance centres and concert halls where they are likely to be used vertically. When mounted horizontally, ESR Series loudspeakers provide excellent coverage over a tiered seating area for stadium or grandstand type applications.

Like its siblings, ESR212, ESR215MkII and ESR215S, the new slimline ESR106 is an active-driven 3-way system. It deploys a unique column array of multiple 6-inch woofers for unparalleled high quality vocal and music reproduction in challenging acoustical spaces and ambient environments.

Utilising 8 x 6-inch woofers, 2 x 6-inch mid bass woofers and a single 1-inch high frequency driver mounted on a

wide dispersion horn, the ESR106 is constructed to represent one large point source, with each part of the system positioned so that it is proportional in size to the wavelength it produces, thus the radiated power of each band remains consistent and balanced throughout the system's overall frequency range. The ESR106 has a controlled coverage at low and mid frequencies to reduce indoor reflections. The low-profile discreet cabinet incorporates multiple fixing points for external brackets and flyware. However, unlike its siblings, ESR106 may only be used vertically.

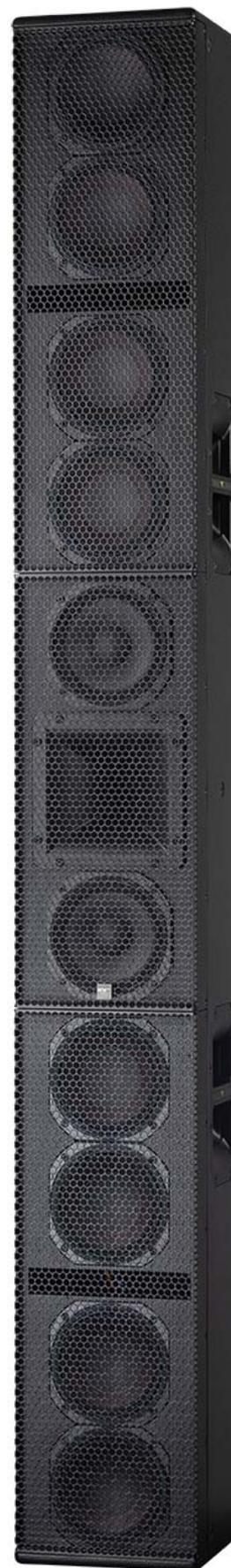
ESR106 is controlled and driven by its dedicated – and also brand new – ESR2600D amplifier, a two channel (stereo) three-way, active control and amplification system housing all signal processing and amplification in a 4RU module, as well as providing control and crossover functions for adding external subwoofer cabinets if required, utilizing external amplifiers. In stereo mode, ESR2600D powers two ESR106s and is configurable via the front panel or remotely using the KV2 Control & Diagnostics Tool.

#### Features

- Full range 3 way system incorporating state of the art multiple transducers.
- Multi point fixings for external brackets and flyware.
- True musical solution for speech, vocals and music playback in difficult acoustical environments.

#### Applications

- Fixed Installations
- Theatres & Auditoriums
- Concert Halls
- Houses of Worship
- **ALWAYS used in a vertical orientation**



Click this link for more information at [www.kv2audio.com/products/esr-series/esr106.html](http://www.kv2audio.com/products/esr-series/esr106.html)

## Martin Exterior Wash Pro

### Outdoor-rated QUAD/CTC Precision Wash Light

HARMAN Professional Solutions, the global leader in audio, lighting, and video and control technologies, today announced the launch of the Exterior Wash Pro Family, skillfully engineered to meet demanding and harsh environments yet offer extraordinary creative possibilities with intelligent features to elevate a wide range of lighting designs. These fixtures build on the success of the Exterior Linear Pro family and represent a new era in color performance for architectural lighting.

The Exterior Wash Pro family is user-friendly and versatile, available in QUAD and CTC variants, with four sizes in each. These fixtures offer easy installation and configurable beam control, making them ideal for various applications, including long throw applications.

The QUAD variants are distinguished by their unparalleled color performance. Renowned Martin factory color calibration ensures superior color consistency and provides a dedicated color temperature control channel spanning from 1,000K to 12,500K, precisely following the black-body curve. Integrated color boost technology, encompassing smart ratio between LED capacity and PSU capacity, emits saturated and mixed colors up to three times brighter than previous models.



The CTC variants offer an extended color temperature range, ranging from 2,400K to 6,500K. This includes Warm, Medium, and Cold LEDs for dedicated color temperature control with improved white light quality. The Exterior Wash Pro family makes easy configuration a key aspect of performance, with externally mounted micro lenses and optional baffle snoot. The in-built stand-alone programming functionality simplifies installation and works seamlessly across other product families like Martin's Exterior Linear Pro family, allowing easy programming of product families within the same installation.

The Exterior Wash Pro family sets new standards in outdoor lighting. With a more compact design, these fixtures seamlessly integrate into many environments, perfect for lighting specifiers supporting fixed outdoor installations. These include stadiums, arenas, theme parks, resorts, hotels, casinos, bridges, cruise ships, shopping complexes, houses of worship, and similar applications. Durability and sustainability are paramount. Backed by a 5-year warranty, these fixtures meet strict environmental standards and ship in eco-friendly packaging.



Click this link for more information at [www.martin.com/product\\_families/exterior-wash](http://www.martin.com/product_families/exterior-wash)

## NEXO nanoNXAMP4

### Powered TD Controller

Available in standard and Dante-equipped versions, the 4-channel nanoNXAMP4 and nanoNXAMP4-D deliver 4 x 250W utilising highly reliable, ultra-low distortion Class D amplifiers and SMPS with PFC to provide the same sound quality and sonic signature as NEXO's larger NXAMPMK2 TD Controllers. Processing uses FIR filtering for precise system EQ and linear phase compatibility, with pre-sets available for an edited range of speakers drawn exclusively from NEXO's popular ID and ePS Series.

With a universal mains voltage range of 100 to 240 Volts, the nanoNXAMP4 occupies just half a rack width, increasing channel density. The integrated DSP offers a true 4x In / 4x Out architecture with optional Dante connectivity, all without the need of external processing, leading to significant space-savings over existing NEXO amplifier solutions while also saving cost and reducing cabling.

On-board mixer and matrix functions further reduce the overall cost of smaller installations, with set up and remote control enabled by an embedded web page that can be accessed via Ethernet or integrated Wi-Fi.

4x balanced / unbalanced analogue inputs essentially provide a 'double connectivity' which eases integration of the nanoNXAMP4. Balanced inputs can accommodate a dynamic microphone or professional mixer, while unbalanced inputs are perfect for connecting a Bluetooth receiver, audio streamer or a computer audio output. The nanoNXAMP4 even includes a ducking and priority function to lower background music while the microphone is in use.



Also on the rear panel, an SPDIF In / Out can be used either as a digital input or to easily distribute a stereo signal across multiple nanoNXAMP4 units. For example, the first nanoNXAMP4-D (Dante version) can connect to the various sound sources in the role of an input matrix, then a digital stereo mix can be shared among multiple units simply by daisy chaining the SPDIF In / Out, keeping a fully digital chain.

A GPIO port adds facilities for an analogue volume control and a 12V trigger In / Out.

And the nanoNXAMP4 doesn't just save money and rack space, it also saves energy, with a sophisticated series of intelligent standby modes helping to achieve a class-leading Energy Star rating.

Wall remote controls are available and can be configured to allow users to select sources and control volume, and the nanoNXAMP4 is compatible with industry-standard remote control protocols including Q-SYS, Symetrix, Crestron, Crestron Home, ELAN, AMX, RTI and Control 4. nanoNXAMP4 is also compatible with NEXO's own NeMo remote control and monitoring software.



Click this link for more information at [www.nexo-sa.com](http://www.nexo-sa.com)

## YES TECH MU& MT Series

### Dynamic Brilliance, Immersive Vision

YES TECH, a professional LED display manufacturer, introduces the MT Series, the universal transparent screen and the MU Series offers unparalleled versatility and efficiency, solidifying our pursuit to LED display industry.

#### MU Series

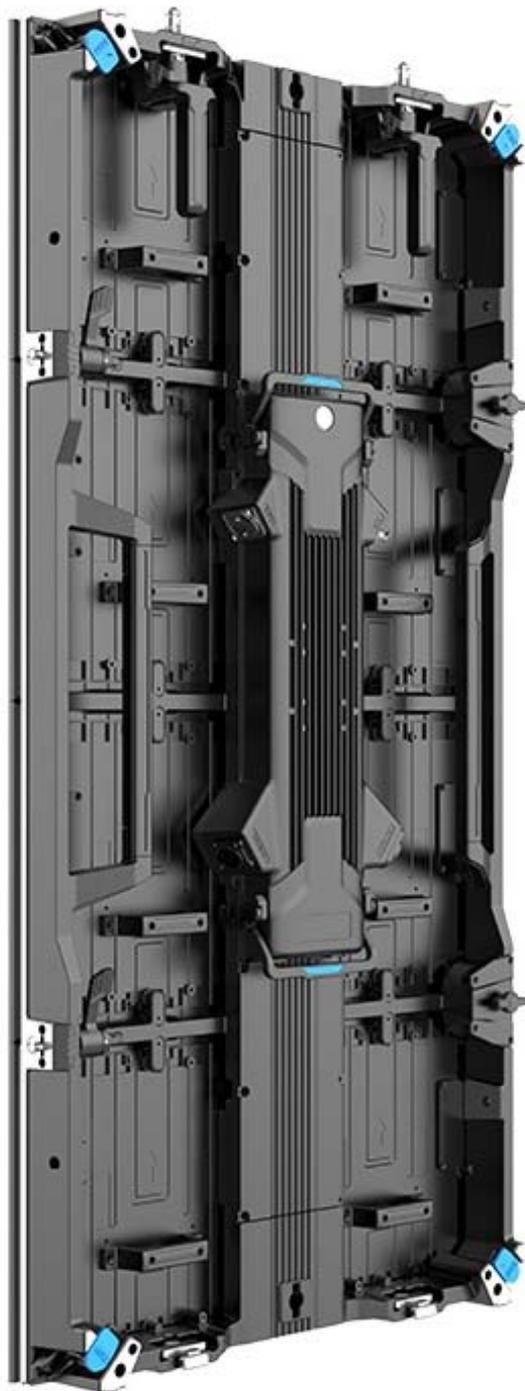
Designed with large-scale LED applications, the MU Series is available in two cabinet sizes, 500 x 500mm and 500 x 1000mm, with a thickness of just 72.5mm. The MU series is the pro of universal and efficient, making it the premier choice for rapid installation in rental and staging scenarios.

#### Unique Design for More Universality

The key to the adaptability of MU series is its cost-effective platform design. Different modules with different pixel pitches can be used on one frame within the same series, thereby optimizing cost savings and augmenting flexibility. Moreover, seamless integration with the MG9, MG10, and MG Creative-Extended Series enhances its adaptability to diverse needs.

#### Efficiency Reinforced

In terms of efficiency, the MU Series is equipped with an auto-eject system that allows for the rapid disassembly of the power box in 5 seconds, saving time during maintenance and repairs.



The hanging locks equipped inside facilitate easy connection between cabinets, coupling with the big handle for better installation. The 500\*500mm MU cabinet is lightweight for transportation and simple one-man installation. It also includes 500\*1000mm cabinet for the fast efficient building of large-scale screens.

The two different sizes of the cabinets support up and down dislocation to further enhance the adaptability.

With stability assured, creativity can flow. MU series can realize curve capability, able to support  $\pm 7.5^\circ$  ( $\pm 15^\circ$  is optional) adjustable curves to build a variety of shapes and more creative stage.



### MT Series

The MT Series cabinets are lightweight and slim with the pixel pitch H3.9-V7.8. With a transparency of more than 40%, high refresh rate of 3840hz and high brightness of 4500cd/m<sup>2</sup>, which offers more vivid and more three-dimensional visual experience.

Equipped with one-click button to change to transparent or non-transparent one for indoor & outdoor use, which is optional. It also supports front and rear maintenance and adopts magnetic/screw to fix which makes the front maintenance more convenient.

The integrated design of control box greatly improves the efficiency of installation and maintenance.

MT Series supports 90° right-angle splicing, which can realize square column design. Equipped with a high-precision arc lock, easily realized with  $\pm 10^\circ$  inner and outer arcs, with more shapes and wider applications.

Moreover, the protection level reaches IP65, which effectively protects the screen from environmental damage. It is also anti-corrosion, moisture-proof,

waterproof and the structure is sturdy and suitable for various indoor and outdoor scenes.

With a focus on research and development, YES TECH will continue to innovate, improve, and deliver exceptional products that meet the needs and preferences of the customers in the future.



Click this link for more information at [www.yes-led.com](http://www.yes-led.com)

## LD Systems presents MAUI G3 MIX models with integrated mixer

The MAUI G3 MIX series combines all components for flexible live use: mixing console, effects, dynamics processing, DSP controller, power amplifiers and speakers. The integrated digital 6-channel mixer offers four XLR/line combo inputs for connecting microphones, line devices or high-impedance instruments (Hi-Z available on channels 1 + 2), supplemented by a stereo Bluetooth connection on channels 5 + 6. In addition to the SYSTEM OUT for connecting an additional subwoofer or other equipment, two MONITOR outputs are available for connecting up to two monitors and supplying each monitor with its own mix. Two MAUI G3 MIX can be connected via the SysLink® connection to double the number of channels. The variety of connections is rounded off by a footswitch input for hands-free effects control.



[ld-systems.com](http://ld-systems.com)

## Cameo AZOR® SP2



Compact designed from small to medium stages. The AZOR® SP2 is made for artists, bands and actors on stages and theaters. The benefits of a classic spot with the addition of motorized framing blades on 4 layers, rotatable by +/- 60°. An ideal partner for lighting designers and event service providers who are looking for a powerful and versatile LED show light - all of that in a compact housing. The AZOR® SP2 is based on a 300 W LED light source with 13,000 lumens of luminous flux and a wide zoom range of 5°-50° for precise adjustment of the light beam on any stage. The integrated rotating CMY colour mixing system is complemented by an additional colour wheel with 8 dichroic filters to perform lightning-fast colour changes and split colours in conjunction with the 630° pan and 270° tilt movement. Providing a spectrum of dynamic patterns and precise color temperature control for lighting designers, the compact spot profile moving head features a gobo wheel with 8 rotating gobos and a linear CTO to create remarkable visual effects and achieve a unique atmosphere.

[digitalprojection.com](http://digitalprojection.com)

## Starway Aquila 1240HD



The Starway Aquila 1240HD is a tilt bar equipped with 12 x 40W OSRAM RGBW LEDs. It has 2 in-dependent zooms from 4.5 to 35 degrees which, combined with the many internal effects including pixel mode control, will allow you to freely express all your creativity for original and impressive effects.

[starway.eu](http://starway.eu)

## Elation SIX+ PAR S and SIX+ PAR L



Available with either 7x or 14x 20W RGBLA+UV LEDs, the SIX+ PAR offers the ultra-wide color spectrum, outstanding color rendering and high CRI (93) that exacting designers demand. The carefully engineered optical system guarantees that beautifully homogenized color distributes evenly and with no color fringing, from high-fidelity whites to intense primaries and virtually every shade inbetween. Furthermore, they house the same LED engine as Elation's new SIX+ BAR series for a perfect color match. At 3200 lumens for the SIX+ PAR S and over 7000 lumens for the SIX+ PAR L, these indoor/outdoor PAR color changers punch well above their weight. To expand the color capabilities of the SIX+ PAR further, precise color temperature control via a dedicated variable CCT control channel has been integrated with adjustments capable from 2400K - 8500K. A CMY Emulation mode plus an integrated library of calibrated color presets that match the most popular gel filters have also been included.

[actentertainment.com](http://actentertainment.com)

## GLP JDC2 IP

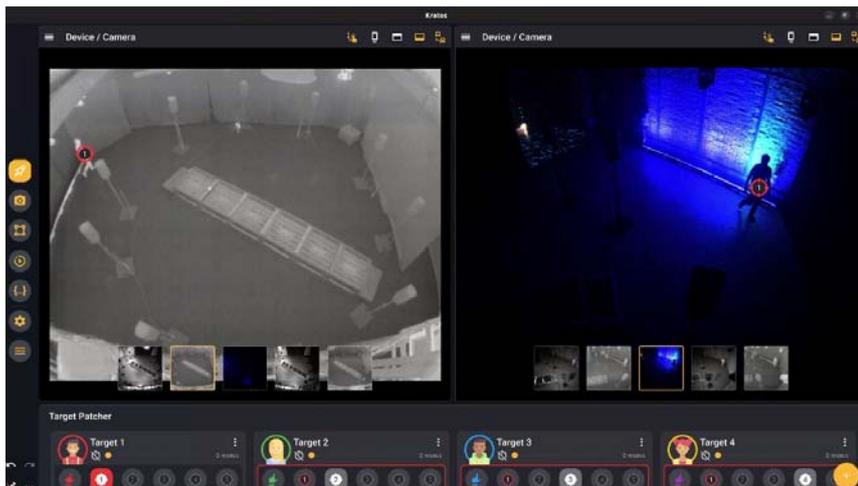
GLP JDC2 IP is the new innovative hybrid strobe with more visibility, increased output and advanced creativity. The new integrated beam line is equipped with 84 high-performance LEDs which are highly efficient at 10 W each and produce a flash that is more powerful than ever. The optimized, extremely steep flash ramps ensure an even more realistic and intense strobe impression. With 12 individually controllable segments, the beam line offers extended intensity flash effects and more than 100 static and dynamic strobe patterns. With 1,025 cm<sup>2</sup> (159 in<sup>2</sup>) luminous surface, not only does the visual solid angle increase, but the visibility of the surface is perceived as larger and up to 25% brighter. The saturated colors and exceptional brightness of the 1,728 LEDs provide powerful diffuse lighting. This allows stages and spaces to be completely immersed in color. An impressive, rich color environment is created, especially when combined with haze. The specialized black LED masking ensures a black front appearance, while eliminating reflection from other light sources.



[glp.de](http://glp.de)

## KRATOS gratis: Naostage releases free download of tracking software

Naostage has released its KRATOS software to the public as a free download, enabling all AV professionals to discover for themselves the power of the industry-first tracking and show control tool. KRATOS serves as the central hub for Naostage's K SYSTEM, the world's first automatic beaconless 3D tracking solution, and allows users to manage automations and output tracking data in real time to AV systems (sound, light, video and any third-party system). Its multiple functionalities help users create fully automated and interactive live events and visitor attraction shows, as well as immersive spaces for the public. In the software, users can design their own stage, set up zones to automate AV effects in sync with tracked targets, set up modules to send and receive target's position, send any other useful information and commands to third-party systems and script actions to automate the show. KRATOS can be synced with any third-party system, from lighting consoles to immersive audio processors, or used as a show control solution for video projection. The software stands as the centrepiece of an AV ecosystem, crucial for retrieving the real-time position data essential to designing interactive shows. KRATOS is accessible to anyone with a computer that runs Windows 10 or later, MacOS 11.0 or later and Linux.



[naostage.com/en/downloads](http://naostage.com/en/downloads)

## ADJ's High Resolution WMS2 LED Video Panel

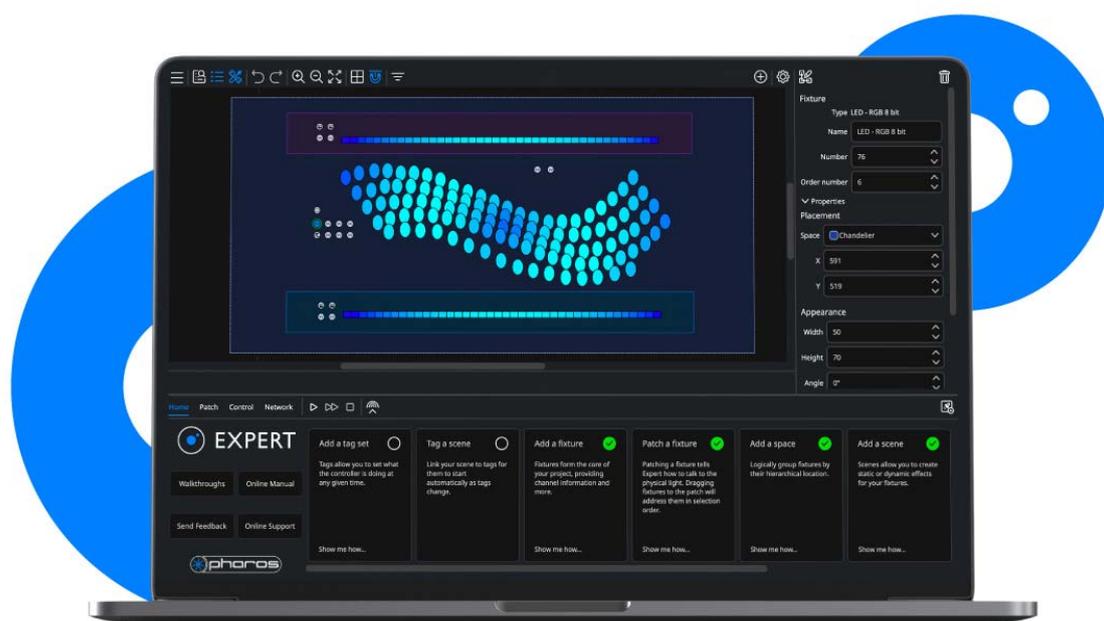
Expanding ADJ's catalog of professional LED video panel products, the new WMS2 is the company's highest resolution offering to date. With a front serviceable design, this vibrant video display solution can be mounted directly to a wall with a seamless edge-to-edge finish either horizontally or vertically. It is therefore ideal for a wide variety of integration applications, including shop window displays, museums and attractions, boardrooms, meeting and event spaces, digital signage, houses of worship and entertainment venues. With a pixel pitch of just 2.6mm, resulting in a pixel density of 147,456/m<sup>2</sup>, the WMS2 offers excellent definition even from a close viewing distance. It features an arrangement of RGB SMD1515 color mixing LEDs and generates a brightness of 800 NITS. A Novastar A8s-N receiving card is built-in allowing the WMS2 to be displayed horizontally or vertically when wall mounting. The panel offers a wide viewing angle of 160-degrees (horizontal) by 140-degrees (vertical) and has a refresh rate of 3840Hz.



[adj.com](http://adj.com)

## Pharos Architectural Controls EXPERT 1.0.0

Pharos Architectural Controls are excited to announce the official release of the commissioning software for their architectural control range, Pharos Expert. The ethos of Pharos Expert is centred around a single, reliable, set and forget, DMX and DALI architectural lighting controller – Expert Control – which is quick and easy to install and simple to program. Expert software is built with this same philosophy at its core. Designed from scratch, the app is a brand-new programming platform that will provide just the tools needed to create fabulous lighting for Expert Control, with the least experience required. Expert makes light of it.



[pharoscontrols.com](http://pharoscontrols.com)

## Chromateq CLUB 512 TB

A New version for their flagship and popular standalone controller device whose efficiency has been proven. The CLUB-TB offers a version with a 3 PIN terminal block instead of a conventional XLR connector. Ideal for small and quick architectural integration projects, it's the most cost-effective and easy-to-use solution thanks to its essential functions :

- 128 or 512 DMX channels for PC control or Stand Alone DMX Playback with no computer. Configurable on site by USB-C.
- 3 Smart Contacts: Scene and simple command (Dimmer, Speed ...) triggering via 3 external contacts to which is applied an smart option of short or hold actions, configurable in our PRO DMX 2 software.
- Trigger by infrared remote control (Remote included with CLUB 512, optional for CLUB 128)
- Additional Power input of 12V DC on terminal blocks (or 5V DC on USB-C port)



[chromateq.com](http://chromateq.com)

## ETC introduces High End Systems Ministar

ETC is thrilled to introduce the High End Systems Ministar, a game-changer in our automated lighting product line. Ministar brings exceptional versatility and performance at an affordable price point; with a compact footprint, punchy output, and a professional feature set, Ministar fits the spec and budget for small to medium-sized venues. Ministar uses a 300 W custom LED to generate an impressive output exceeding 9,700 lumens. Its feature package includes dual pattern wheels for gobo morphing and textural manipulation, variable frost for softening edges and washes, a prism to elevate theatrical applications and create breathtaking aerial effects, and swift pan & tilt functionality for dynamic movements. Notably, its ingeniously engineered 6.5° - 48° zoom function is housed within a remarkably lightweight 16.2 kg/35.7 lbs design.



[etcconnect.com](http://etcconnect.com)

# Clear-Com Introduces Gen-IC Cloud Intercom and SkyPort Virtual System Management Platform

In a strategic move towards virtual technology, Clear-Com® introduces the Gen-IC Cloud Intercom® system, a secure and flexible virtual intercom solution that allows users to easily integrate on-premise hardware with virtual intercom clients. Designed for scalability, Gen-IC Cloud Intercom will be sold through Clear-Com's extensive global network of Reseller Partners and will allow end-users to quickly ramp up multiple virtual clients as needed, with the unique capability of integrating with Clear-Com's extensive hardware infrastructure over LAN, WAN, and the Internet. The issue of latency is especially important for audio comms, and Clear-Com has developed a unique virtual intercom application that can be deployed on selectable regional targets. This minimizes the latency inherent when going virtual by giving administrators the ability to easily deploy Gen-IC Cloud Intercom closest to where teams are doing work. Moreover, Gen-IC Cloud Intercom instances from around the world can be linked, producing the ultimate communication and collaboration tool for mission-critical productions. The system is designed for ease of use and utilizes Clear-Com's award-winning virtual clients, Agent-IC® mobile app and Station-IC™ virtual desktop client, eliminating the need for additional user training. Connections from the virtual clients to hardware ecosystems is achieved through the existing range of Clear-Com LQ® Series of IP Interfaces, with no dedicated interfacing requirements.



[clearcom.com](http://clearcom.com)

## Digital Projection E-Vision 16000i WU

Digital Projection, a brand of Delta, is pushing the imaging boundaries with the introduction of two of its most advanced laser projectors to date. The all new E-Vision 16000i WU boasts a newly upgraded electronics platform that shares much of its functionality from the flagship TITAN series. Totally redesigned from the bottom up, this new E-Vision platform maintains its reputation of exceptional reliability for everything from classrooms to projection mapping, but with a host of new features. Central to the new design is the implementation of Texas Instruments' new 0.8" High Efficiency Pixel (HEP) DMD. This new DMD allows for a higher brightness than was previously achievable on the 0.67" DMD, as well as superior colour and contrast without compromising any of the reliability that DLP projectors are known for. Also new is the E-Vision 10000i, which boasts 9,600 lumens brightness and 20,000:1 dynamic contrast, and shares the same advanced capabilities as the E-Vision 16000i. These features are usually reserved for high-end 3-Chip products, such as Source Redundancy, Brightness Sync and Auto White Balance Correction, making these some of the most capable, flexible Single-Chip DLP projectors on the market today.



[digitalprojection.com](http://digitalprojection.com)

## MEGALITE EW1

The EW1 is equipped with seven high-intensity 60-watt LEDs with individual control and a kaleidoscoping effect allowing the user a wide range of potential looks to deliver powerful multi beam effects. On top of that the EW1 unit offers an eye-catching Pixable Halo light with 62 X .5W RGB SMD LEDs that adds greatly to the already versatile unit. This unit can adapt to every performance setting with the EW1's versatile zoom range, from a focused 4° beam for spotlighting specific elements to a broad 36° wash for comprehensive stage coverage and unlimited possibilities for the looks you can achieve with this fixture.

[mega.lighting](http://mega.lighting)



## Gravity takes the art of the guitar stand to colourful new heights with its Glow Stands



The Gravity Glow Stand is available in two models – players can choose between a hanging “neck hug” version or a classic A-frame design – and is suitable for electric and acoustic guitars, and bass guitars. The Glow Stands provide maximum support for the instruments stored on them, while at the same time highlighting them with inspiring colours of the player’s choice. Each Glow Stand holds a guitar or bass securely and safely, and its soft support surfaces ensure that the instrument remains in perfect condition. The Glow Stand also features a foam insert at the bottom that can be removed to provide more stable support for electric guitars and basses with strap pins and/or strap locks. The neck hug model also ships with an extender to accommodate 34” scale bass guitars. What really sets the Guitar Glow Stand apart, however, is its magnificent integrated lighting system. Each stand features adjustable ambient LED lighting that allows the player to set the perfect mood with their choice of colour and brightness. Whether at home, in the studio, or on stage, the Glow Stand allows musicians to create a captivating ambiance that highlights the beauty of their instrument.

[gravitystands.com](http://gravitystands.com)

## Funktion-One Evolution 2



Loudspeaker manufacturer Funktion-One is introducing its extremely versatile, high-performance Evo 2. The latest addition to the Evo Series has evolved from the iconic Res 2, which was one of Funktion-One's earliest product releases over 25 years ago. Evo 2 is a medium dispersion, fully horn-loaded, 3-way loudspeaker, which features the latest Funktion-One driver technology and highly refined tuning. Funktion-One will hold short Evo 2 demos every hour on Stand 7G800, starting at 10:25am each day. Evo 2's outstanding performance capabilities and versatile format make it very appealing across a range of live event and install applications, including as a four-point club system or two-wide flown system for medium sized venues. Its manageable size and innovative Butterfly Plate rigging system enable quick and easy deployment. Evo 2 is perfectly suited to ground stacking for small events, flying singly or in pairs for wider coverage and larger audience areas, or used as fills supporting Vero, Evo or Vero VX systems.

[funktion-one.com](http://funktion-one.com)

## Lava Cable

ACT Entertainment, the industry-leading manufacturer and distributor of live performance and music equipment, has announced that its Lava Cable brand will have an entirely new look. While the products, which are designed to improve tone, functionality and durability, will remain the same, the brand's logo, packaging and marketing materials will be enhanced to showcase its position as a boutique audio solution. Since its inception in 2004, Lava Cable has been known for providing innovative cable, plug and accessory products, such as its pedal board kits. Lava Cable grew from a love for music, good tone and the desire to produce innovative cable solutions using top-of-the-line America-made materials. The result: a product line with standard, premium and studio-quality solutions, and a patented DC power plug, for everyone from house musicians to major recording artists. These features gave the brand a reputation for high quality in the music industry.



[actentertainment.com](http://actentertainment.com)



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