29.8.2024

Robe at PLASA 2024

Products Involved

iBOLT™   iFORTE® LTX WB   iFORTE® LTX FS   iFORTE® Fresnel   PAINTE® Fresnel

T32 Cyc™ Slim   iSpiiderX®   iTetra2™   Tetra2™   TetraX™   LEDBeam 350™

SVB1™   SVOPATT™   iT12 Profile™   iT12 Fresnel™   FOOTSIE2™ Slim

FOOTSIE1™ Slim   RoboSpot™

Robe is using the buzz and hustle of the 2024 PLASA London expo to launch four new important and super-cool products – the iFORTE Fresnel, the PAINTE Fresnel, the SVOPATT and the SVB1.

The new 'Robe Live' expo production performance extravaganza will be premiered on stand A70 – "The Fifth Dimension", featuring three live performers, LOTS of tech and heaps of imagination – guaranteed to be another blockbusting crowd magnet on the show floor! We are promised a few surprises in this show, and there are even rumours of one of Robe's most popular ever products being present!

Robe's other businesses – architectural and LED lighting manufacturer Anolis, networking and control specialist Artistic Licence, legendary UK-based console manufacturer Avolites and Australian-based power distribution gurus LSC – will all be located on adjacent stands.

This will illustrate the natural synergy and interconnection between all these leading brands which are integral to Robe's future plans and visions.

The Fifth Dimension

The dramatic new live show will feature a diversity of Robe fixtures like iBOLT, iFORTE LTX, T32 Slim, Footsie1 and Footsie2 Slim, iSpiiderX, TetraX, Tetra2, the ever-popular LEDBeam 350, the RoboSpot remote follow spot system and the workhorse iT12 range of luminaires.

This is a great forum to showcase the products in a setting for which they have been developed, and the lively timecoded show with real performers is specially designed by

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Robe's in-house creative team and tailored to the booth space.

Apart from drawing crowds to the stand to catch the action, it also gives a snapshot of what the fixtures are capable of.

The show will play 5 times a day at 90-minute intervals, so stand by for some serious excitement on stand A70!

PLASA Awards

Three amazing Robe products are nominated for the 2024 PLASA Awards for Innovation – the iBOLT and both the newly launching PATTS – the SVB1 and SVOPATT.

Robe will be presenting all its brands at the show – Anolis, Artistic Licence, Avolites and LSC – illustrating the great synergy and dynamics existing between all these entities.

LAUNCHED PRODUCTS

iFORTE® Fresnel

The most powerful Fresnel Wash of Robe's iSeries, the IP65-rated iFORTE® Fresnel delivers a fabulous soft beam with advanced beam control, designed for the harshest weathers!

The iFORTE® Fresnel combines immense power with great subtlety and is ideal for any outdoor show environment.

It is available with a choice of two patented data-capturing IP65-rated TRANSFERABLE ENGINES offering all the advantages of quick and cost-effective replacement, and the ability to keep up with the constant LED development elongating the longevity and ROI.

The iSE-TE™ 1000W White XP (Xtra Performance) 6.700 K, 40.500 lumen (Integrating sphere) with CRI70 is for maximum output requirements, while the iSE-TE™ 1000W White HCF (High Colour Fidelity) 6.000 K, 27.540 lumen (Integrating sphere) offers a CRI of 96 for exceptional colour rendition.

The patented F2L™ two element smooth outer surface lens maintains a traditional Fresnel-style beam, the curved finish reducing the accumulation of outdoor detritus, while the

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unique parCoat™ hydrophobic, oleophobic-resistant coating facilitates easy cleaning without damage.

A motorised 10:1 zoom optical system, with a 6° to 61° zoom range, provides all the wash flexibility needed for multiple applications.

The iFORTE® Fresnel features a CMY colour mixing system. Two colour wheels and a variable CTO of 3.000 – 6.700 K offer all the tools needed to achieve everything from dense saturates to refined pastels.

ChromaTint™ patented green content control software allows fast adjustment, ideal for broadcast users.

In a departure from other Robe fresnels, the patented PLANO4™ framing shutter module has four individual blades in separate planes with module rotation of +/- 60° to maximise beam control!

This and many, many more features plus the all-weather reliability make it a fantastic addition to the iFORTE family of fixtures.

PAINTE® Fresnel

The compact yet potent PAINTE has been a massive success for Robe proving that small is definitely beautiful!

The PAINTE® Fresnel delivers a quiet, quality wash solution for short to medium-throw applications in theatrical, television, installation, live or corporate settings.

The PAINTE® Fresnel colour palettes are properly boundless using the advanced CMY colour mixing system, a wheel with nine dichroic colours, variable CTO and Robe's ChromaTint™ patented plus / minus green.

These luminaires are designed for noise-sensitive environments with multiple fan controls and a choice of a TE™ 310W HP (High Performance) White LED engine for maximised output or TE™ 310W HCF (High Colour Fidelity) engine for optimal colour rendition with an inherent CRI of 96.

Robe's game-changing TRANSFERABLE ENGINE technology brings interchangeable task-specific solutions, enabling maintenance of light quality and consistency across rental

inventories.

With all the softness of a classic Fresnel beam, the motorised 8.3:1 ratio zoom has a range of 6°- 50° from the 150mm Fresnel lens, making it a perfect compact wash luminaire.

There are impressive levels of beam control including medium and light frosts; RotaScrim™ graduated filter with position control, +/- 180° rotation and edge colour correction; the rapid 4Door™ internal barndoor system for accurate individual leaf control and +/- 90° module rotation for maximum flexibility.

The PAINTE® Fresnel is packed with Robe innovation including Cpulse™ flicker-free management for HD and UHD cameras; L3™ Low Light Linearity dimming software for smooth imperceptible fades to black; AirLOC™ (Less Optical Cleaning) technology that keeps the optics pristine for far longer and EMS™ Electronic Motion Stabiliser technology for enhanced fixture stability.

SVOPATT™

Iconic Czech luminaires are instantly recognizable in the lighting world, and Robe has been inspired to honour this past legacy ... with the SVOPATT™.
As with all Robe products, it's proudly made in the Czech Republic.

SVOPATT™ features a cool contemporary housing with nine individual modules each containing 7 x 40W RGBW multichips and the centre pixel also containing a 200W white LED strobe – seriously bright, worthy of its lineage and
ready to make an impact with the SVOPATT™ both as a scenic element and a source of captivating effects.

An RLCT™ lens coating helps maintain high performance and protects against scratches and scuffs whilst preventing particle adhesion, ensuring optics stay cleaner for longer.

Multiple modes and protocols include ArtNet and sACN for easy pixel mapping; there is a choice a choice of RGB or CMY colour mixing modes; a variable CCT range; an onboard DataSwatch™ colour library with 66 preset colours, and tungsten lamp emulation.

On top of that, the SVOPATT™ has a comprehensive colour control set.

Each individual module contains a noise-dampened motorized zoom, and the 3.8° - 50° zoom range enables the creation of tight beams or wide washes from each individual

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module.

Cpulse™ software eliminates on-screen flicker and the +/- green content control makes it great for studio environments and broadcast scenarios.

SVB1™

The eye-catching SVB1™ is a multifunctional effect, beam, and wash luminaire, a versatile, compact powerhouse in the new Robe SVOPATT™ family!

It delivers high-output and extreme speed with continuous pan and tilt rotation for spectacular results!

With seven individual 40W RGBW LED cells plus a central pixel with both RGBW and a powerful 200W white strobe LED module, the SVB1™ offers full pixel mapping for anything from mind-blowing to beautifully ephemeral looks and effects.

An RLCT™ lens coating protects against scratches and prevents particle adhesion, ensuring optics stay cleaner for far longer. The motorized zoom range offers precise 3.8° beams, up to expansive 50° washes, and the rapid speed and wide coverage are further enhanced by 360° continuous pan and rotation. It's a dynamic choice for all sorts of lighting projects.

Colour mixing modes can be RGB or CMY, there is a variable CCT range and an onboard DataSwatch™ colour library with 66 preset colours, plus tungsten lamp emulation, and full colour control.

As with the SVOPATT, Cpulse™ software offers flicker free operation and +/- green content control, so this luminaire is ideal for studio environments.
Many modes and protocols include ArtNet, while sACN ensures straightforward mapping and network communication is streamlined with REAP™ (Robe Ethernet Access Portal). An Epass™ Ethernet pass-through switch maintains connectivity even when the fixture is powered off.

OTHER NEW ROBE PRODUCTS

iBOLT™

The iBOLT™ is a unique, innovative, hugely bright fixture that is the first real replacement for conventional 7K xenon searchlights on the market. With the same feature set as Robe's

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groundbreaking and universally popular MegaPointe®, the iBOLT can be a beam, spot, wash and effects luminaire for stage and outdoor use. It has a beautiful – 300mm – large front lens and has been described as "a MegaPointe on super-steroids!"

The LSW-5™ white laser phosphor light source produces massively potent beams of light for optimum performance and reach, which are combined with the latest Searchlight and Skyflower technology plus extremely low power consumption, weight and compact size in this incredible fixture.

The iBOLT's 300mm front lens has precision optics for creating high-definition beams which are adjustable via a 0.4° - 8.5° zoom. SpektraBeam™ is a paradigm-shifting patented effects engine for producing transformative lighting experiences and a CMY + Colour wheel with DataSwatch™ library unlocks a vast, near unlimited array of colours.

The complete iBOLT effects package includes gobo wheels, patented MLP™ stackable multi-level prisms, and continuous PAN rotation.

ScanGuard™ is a patent-pending continuous safety monitoring feature with auto-cut to prevent direct source viewing, and to deal with the most challenging exterior environmental conditions, the fixture benefits from Robe's patented POLAR+™, EMS™ and RAINS™ IP protection technologies.

iFORTE® LTX WB

This is currently the brightest fixture on the market and an ultimate long throw LED wash beam for all environments, developed for stadium shows, concerts and all events and spectaculars where serious intensity is needed over massive distances.

Powered by Robe's internally designed, developed, patented, and manufactured iSE-TE™ 1000W XP (Xtra Performance) IP65-rated White LED TRANSFERABLE ENGINE, this produces an incredible, industry-leading 355.000 Lux at 5 metres!

Innovative optics attain absolute WashBeam functionality, and the FORTE® LTX WB can operate in various ways. Standard Optical Mode permits the widest 3.5° - 52° coverage. Using the iris, the beam can be narrowed for 2°-52° coverage.

XR7™ eXtreme Reach Follow Spot technology is new and highly innovative technology delivering stadium level performance with an ultra-tight 0.7 – 2° beam for crisp, incisive beams without any intensity loss due to an engaged iris over long distances.

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Robe's powerful data-capturing TRANSFERABLE ENGINE technology offers all the advantages of field exchange, cost-effective replacement, plus the ability to keep up with LED development to ensure an exceptionally long fixture life. With typical lumen maintenance of L70\B50 50.000 hours, the 4-year 20.000-hour warranty gives peace of mind, whatever the weather.

The iFORTE® LTX WB can create an imposing visual statement with its beautiful solid beam and 245mm front lens.

The luminaire features CamFit™ which is pre-wired and pre-balanced for the addition of a dedicated IP65-rated RoboSpot™ camera if required.

iFORTE® LTX FS

This is the ultimate long throw, high output, all-environment LED WashBeam with an integral camera for use with the RoboSpot™ system, a luminaire capable of true, stadium-level reach!

The fixture redefines the boundaries of output, optical excellence, and performance while retaining the subtleties and nuances of theatrical precision, the iSERIES IP65-rated Robe iFORTE® LTX FS is a truly next-generation WashBeam luminaire with an integral camera for live concert touring, indoors or out!

The iFORTE® LTX FS has a full HD digital camera mounted on the head, with parCoat™ lens protection to ensure a clear picture even in inclement weather. The IP65-rated camera features 32 x optical and 32 x digital zoom and is suitable for low light levels down to 0.05 lux.

Powered by Robe's latest, most powerful, iSE-TE™ 1.000W XP (Xtra Performance) IP65-rated White LED TRANSFERABLE ENGINE, this produces an incredible, industry-leading 355,000 lux at 5 metres.

T32 Cyc™ Slim

Cyc lighting has long been an art in its own right, and this is a low profile, interconnectable, asymmetrical cyclorama fixture for covering any stage or large surface area.

T32 Cyc™ Slim features Opti-6™ - 6:1 height-to-distance ratio asymmetrical optical system, which produces a flat uniform field coverage even when in close proximity to the cyclorama...

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There is a DataSwatch™ onboard colour library that provides a rapid access pre-programmed colour selection, with tungsten emulation for seamless integration with traditional existing lighting rigs.

The colours are perfectly rendered, with ratings of CR:96 and TLCI:97, and RGB or CMY colour mixing, with individual emitter control for advanced users offering faster programming.

The fixtures are exceptionally quiet so great for drama theatres or orchestral venues with L3™ 18-bit dimming for beautifully refined fine-tuned fades to black. There is Cpulse™ for camera environments and AirLOC™ for reduced residue deposits and less cleaning!

Footsie1™ and Footsie2™ Slim

Two new variants of Robe's next generation low profile footlights reduce the footprint even more with a single cable tray. This IP65-rated LED footlight system can be used anywhere – in theatres, on concert stages and along catwalks and set pieces of all types.

The fixtures are available with Warm White (CRI 90+), Tuneable White or RGBW light sources, and are quick and simple to connect via 60 cm and 120 cm lengths plus a selection of available corner angles.

An Innovative SPREAD™ system helps remove side glare into the audience, and the self-contained single storage tray can conceal any loose power, audio, or data cables, removing this frequent trip hazard!

BluMark™ safety offers subtle low-level blue LED indication of the stage edges without affecting any of lighting states and the PIP™ – Performer Indication Point – separately controlled RGB LEDs at 10 cm spacings can provide artists with digital marks for critical moments on the show.

PLUS

The IP65-rated **iSpiiderX®** has an advanced protective minimalistic design with extremely low weight of 19kg and is an impressive 13.100-lumen RGBW LED WashBeam luminaire. Dynamic visual effects can be achieved utilising its individual pixel mapping capabilities, and the popular inbuilt "Flower effect" is handy for creating surprise additional effects, together with a variable zoom of 4° to 50°.

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TetraX™ is developed from the highly successful Tetra1™, adding dynamic pan movement with extremely high-speed continuous rotation, dramatically increasing the sweeping effect possibilities of the fixture. Generating an ultra-tight 4° beam from each of the 9 evenly spaced pixels which combines to produce a bright, defined "sheet" of light.

iTetra2™ is a fully IP rated version of Robe's popular Tetra2 LED batten product which is great for all environments from the blistering heat to the freezing cold, another example of robust Robe engineering at work.

LEDBeam 350™ has been a massively successful product for Robe and is omnipresent worldwide in multiple markets and sectors. Delivering more punch and presence to create even more fast sweeping beams and gorgeous washes. It has a spectacular 3.8° to 60° zoom range and Robe's innovative lens coating technology keeps it clearer and scratch-free. CPulse™ is Robe's cool PWM control system for removing any on-screen camera flicker.

Robe's iT12 series starts with the **iT12Profile™**, an all-environments IP65-protected profile ideal for theatres, television, and concerts, indoors or out, featuring Robe's outstanding self-managing, low-maintenance ingress protection technology, a fixture that is. It has the renowned multi-spectral colour finesse of the T-series, utilising an iSE-MSL-TE™ 500W LED IP65-rated LED Engine generating over 13.600 lumens (integrating sphere).

Full network capabilities are now available for Robe's popular **RoboSpot™** remote follow spotting system which can now be seamlessly integrated with IP networks via RDMNet implementation in Robe products, taking remote device management to the next level. This advanced protocol standardizes the behaviour and configuration over flat or routed network structures.

Avolites

Leading UK-based console manufacturer Avolites – stand C28 – plans the UK debut of its incredible Diamond 7 (D7) control console, the newest addition to Avo's legendary Diamond series.

Two variants – the D7-330 and D7-215 – offer the ultimate performance and travel console options. They can be packed in a standard Peli Air case and checked in as hold luggage to fly anywhere.

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Other hardware on the stand includes the flagship Diamond 9 lighting console, with both D9-330 and D9-215 variants, together with the T3 and T3-W – Avo's smallest footprint professional lighting control product – for times and places when portability, compactness and performance are essential.

Avo's classic consoles – the Tiger Touch II and Quartz – will be there and the Q-series media server range is represented by the Q3, demonstrating Avo's Synergy feature set (which unites lighting and video to offer creative programmers a streamlined workflow for all visual elements on their stage).

The main Avolites software platforms Titan, Ai and the newest media software platform Prism, designed for LDs, will be powering all the hardware products, supported by networking devices Titan Net Switch (TNS) and Titan Net Processor (TNP).

Anolis

Robe's architectural and LED lighting brand is showcasing its new Agame colour changing 'window reveal' light together with a selection of fixtures from the Ambiane, Eminere and Calumma families.

The latest additions to these ranges include the Calumma Urban with its street light optic, the Ambiane SP16 Wall Mount and the Eminiere MC Remote.

The S and M sized Calumma Urban is available with customisable chip choices, and it has forward and side asymmetric optic variants for pole and wall mounting.

The Ambiane SP16 Wall Mount adds another fixing method to the range, so Anolis now offers, wall, recessed, adjustable, surface and pendant mounting options for fixtures in the Ambiane family.

The Eminere Remote MC is the latest addition to the Eminere range, bringing all the multichip advantages to the Remote versions of this highly successful range.

Artistic Licence

The Artistic Licence will be on hand to meet friends and colleagues new and old to discuss 'all things lighting control'.

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A wide range of innovative and flexible load controllers will be displayed including mains and low voltage dimming for LED fixtures, DALI control and switched loads, and Artistic Licence will be highlighting its 'Extreme' range of DMX protected products in addition to offering visitors a sneak peek of new introductions for 2025.

'Control Without Compromise' seminars will be delivered daily in the Robe Theatre space by Artistic Licence product application specialist, Tim Smith.
The seminar focuses on full venue lighting control, in particular auditorium lighting and how consultants, specifiers and designers can meet the needs of day-to-day users of the space as well as production crews. Importantly it will focus on how to address some of the most encountered system design issues.

LSC

The newest member of the Robe family of businesses – LSC Control Systems from Australia – shows its complete PD product range alongside Robe - increasingly popular solutions with advanced protections and monitoring capabilities. Visitors can share in the benefits of safety, reliability and peace of mind when working in venues and on productions and projects worldwide.

The UNITY range of power distribution and dimming systems will be central to LSC's stand appealing to consultants and specifiers, plus LSC's latest product additions – the GEN-X and the APS-X, which bring Ethernet functionality to the inputs of the GEN-VI and APS systems respectively.

LSC's new NEXEN range of Ethernet/DMX converters will be there, plus the latest major software update to the Mantra lite control platform. Mantra V4 sees the addition of colour mixing options for 7+ colour LED systems and full support for multi-intensity fixtures and much more.

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