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## **Robe at Prolight+Sound 2017**

Czech lighting manufacturer Robe presents another high-impact booth - D80 in Hall 3 of the Frankfurt Messe for Prolight +Sound 2017 - allowing hundreds of guests to enjoy a crowd-stopping live entertainment show in a lively, fun interactive environment.

Once again a totally unique stand design will provide a fabulous backdrop and set to demonstrate the latest products ... an action-packed programme will include a lightshow every hour and a 'Voice of God' product presentation at other times.

It will be the first European trade show and official launch of Robe's incredible Spiider LED wash beam moving light, together with several other new and exciting products that will be seen for the first time. Robe's official press launch takes place on the stand at 15.00 on Wednesday 5th April.

... and the company will be making a BIG and very important announcement related to one of its key European markets ...

Several new products will be launched, highlighted and shown in action and the Robe international sales and technical support teams will be on hand offering multi-lingual assistance in German and 15 other languages - reflecting the diversity and global flavour of both the company and the Prolight event.

The Robe Bar will be a social hub for networking and doing business, and naturally there will be a Happy Hour for the first three days of the show with famous Czech beers, mouth-watering freshly made pizza and plenty of hospitality!

### **New Products**

#### **Spiider**

Spiider is a brand new LED wash luminaire that builds on the success of Robe's best-selling 'industry standard' LEDWash series ... with a completely new concept and incredible optics.

It has one super bright 60W RGBW LED multichip in the centre which is surrounded by 18 x 30W RGBW LED multichips, and it is this optical design that resembles the spider's web that gave rise to the name.

It is also so much more than 'just' a wash!

It can be used as a beam and - a first for LED wash light stage luminaires - it has an eye-popping flower effect!

The impressive zoom goes from 4 - 48 degrees, while the light output is outstanding, offering more than 50,000 lumens at 5 metres.

Spiider has all the great features that made Robe's LEDWash series such a well-respected industry-wide product for all applications, including a virtual colour wheel, tungsten lamp emulation, individual pixel control, in-built wireless DMX on request and loads more.

## **LEDBeam 150**

Robe's ROBIN<sup>®</sup> LEDBeam 150 - complete with spectacular zoom range of 4° to 62° - offers fast sweeping beams and a wide excellent quality wash light in a compact housing.

Attractive colourful chases and smooth transitions are powered by a cluster of high power 30W RGBW multichip LEDs. The zoom uses a custom-designed optical system and an optimized motorised control produces speedy pan and tilt movement.

The fixture has intense strobing capabilities, smooth 18-bit dimming, including tungsten lamp effects, straightforward control via pre-programmed colours on a virtual colour wheel and the various strobing and pulsing effects enable quick and easy programming.

## **ParFect 150**

This highly affordable LED ACL-style beam unit now also has a zoom feature included.

ParFect 150 is a static, zoom-able version of the LEDBeam 150 and retains all the key features including both CMY & RGBW colour control, 18-bit dimming, tungsten emulation, selectable and variable colour temperatures and a punchy beam ranging from 4° to 62°.

Accessories like barn-doors and the gel frames give ParFect 150 a range of features required for TV and theatre environments.

## **PATT 2017**

Extending ROBE's highly successful series of retro styled luminaires is the PATT 2017 ... an LED driven version that extends Robe's PATT range with an environmentally conscious option which is driven by 7 x 30W RGBW LEDs.

A mix of colours can be replicated or the fixture can be run in tungsten variants, making excellent eye-candy effect for stages and sets and perfect for bands, television, film and general prop lighting.

The distinctive design of the PATT series makes the fixtures like a piece of art in their own right and useful as props as well as enhancing general ambience.

The PATT 2017 concept is based on an idea by leading international lighting designer Tim Routledge.

The 7 x 30W RGBW LEDs illuminate the sleek, spun aluminium body of the fixture which maximises the elegant curves of the physical design. The LED cluster can be controlled as one unit or independently as 7 sources creating smooth animations, transitions and rainbow effects across the aluminium reflector, featuring the signature "PATT" gold-brown coating.

## pixelPATT

Continuing in the retro style aesthetic, the pixelPATT is another new addition to Robe's PATT family which is based on modern LED pixel controlled technology.

The pixelPATT is composed of 7 x 30W RGBW LED multichips, one in the centre surrounded by a ring of six, all housed in a super-slim and lightweight brushed metal frame.

Aesthetically it keeps the dimensions and attractive curvature of the 'classic' PATT 2013 and the picklePATT which make its physical appearance desirable as well as the light source. To ensure an elegant and a lightweight design, a remote Power and Data box - the PATT Driver - is connected to the pixelPATT using an industry-standard 4-pin XLR.

The pixelPATT is an ideal fixture for lighting television broadcasts, concerts, fashion shows or any type of event from awards shows and gala dinners to brand activations.

## BMFL FollowSpot

Created specifically for follow-spot operation, this custom modified version of Robe's massively successful high-powered BMFL WashBeam luminaire comes with specific features to provide both motorised movement and manual operation with follow-spot handles.

The BMFL FollowSpot takes advantage of the wide 160 mm front lens and high CRI 1700W lamp. The custom BMFL light source designed for Robe produces an astounding 250, 000 lux at 5 metres and has a wide zoom range of 5° to 55° with precise focusing.

Manually or remotely controllable features include smooth colour mixing and CTO flags, two colour wheels, multiple variable frost filters, focus, zoom and quick pulsing iris.

Follow-spot operation can be enhanced by using the optional LightMaster handles (see below).

The BMFL FollowSpot is pre-wired for the installation of a digital camera on the head that can be connected via the new RoboSpot base station (see below) for off-stage remote follow-spot operation.

## BMFL LightMaster

BMFL LightMaster is an accessory comprising externally mounted, fully programmable follow-spot handles with a control panel and two individual faders that enable any of Robe's BMFL range of fixtures to be run as a follow spot.

Available as either side or back mounting, the two programmable faders can be assigned, for example, as dimmer and iris. The control panel has a touch screen display, four custom programmable jog-wheels plus ten 'soft' buttons so the unit can be fully-customized to suit the operator / user.

The programmable buttons, jog-wheels and faders allow the operator to comfortably trigger and control dimmer, iris, focus, zoom, frost, colours and other parameters.

The BMFL fixture's internal settings enable pan/tilt movement behaviour to be individually tailored by adjusting tension, smoothness and resistance, and while it is running in follow-spot mode, the remote console can still be used to access and take control of all these internal features, like dimmer, colours etc.

The LightMaster handles can be quick-mounted in either the back or side positions using quarter turn locking screws, and the control panel connects to the BMFL luminaire via USB.

## **RoboSpot**

RoboSpot is a remote follow-spot system compatible with any of Robe's BMFL range of fixtures already in rental stock, which has been devised as a solution for situations where it is impractical to install an operated follow spot position.

A ground operated base station communicates with a camera mounted on the BMFL fixture which follows the performer or object to be tracked.

The RoboSpot Camera functions (focus, zoom, precise pan / tilt movement) are DMX remote-controlled, and it provides a 'first-person' view for the ground-based follow spot operator. Video data is transferred in real-time from the Camera to the RoboSpot base station via Ethernet.

The RoboSpot base station has a video screen giving the operator a live view of the performer or object being followed from the fixture-mounted camera. Using a set of special handles with two programmable faders mapped, for example, to the dimmer and iris functions on the luminaire, the operator's movement of the handles is calibrated and fed via DMX as positional data for the pan and tilt movement of the BMFL units being controlled as 'RoboSpots'.

One RoboSpot base station can control up to twelve BMFL fixtures rigged in different locations around the stage, performance space or venue.

A panel on the base station features a touch screen display and four custom programmable jog-wheels plus ten assignable buttons is fully customization to suit the operator. The programmable buttons, faders and jog-wheels allow the operator to comfortably trigger and control parameters like dimmer, focus, iris, colours and the many other features of the units being controlled.

While being operated as a follow-spot, the remote console can still take control of all the internal features of the unit like dimmer, colours, etc.

## **UV Strobe**

The Strobe from Robe is THE brightest, best value, most sophisticated strobe-blinder effects unit on the market!

Ultimately controllable, configurable and arrayable, super-fast bursts of high-powered pulses can be adjusted in frequency, duration and intensity and optically harnessed from the 60 x high power white LED chips and 60 x high power UV LED chips.

The UV Strobe is easy to rig individually or in multiples and easy to programme using direct segment control or predefined macros. It is fitted with the standard Robe RNS touch screen system with DMX, RDM, Art-Net, MA Net and sACN protocols and there is an optional wireless DMX module.

## **Strobe IP**

This is a potent and mega-bright strobe wash for outdoor applications.

A high IP rating of 67 provides the reliability and robustness required for the most demanding projects, including permanent installations or temporary events. Ultimately controllable, super-fast bursts of high-powered pulses can be adjusted in frequency, duration and intensity and optically harnessed from the 60 x high powered LED chips.

Strobe IP is easy to rig and programme using direct segment control or the predefined macros. Its compact size and weight combined with adaptability make installation a smooth and streamlined process.

## **ColorStrobe IP**

This is a colour version of the Strobe IP for exterior scenarios.

It features all the advantages of the white Strobe IP including ultimately controllable, super-fast bursts and pulses that can be adjusted in frequency, duration and intensity, optically harnessed from the unit's 60 x High Power RGBW LED chips.

ColorStrobe IP is easy to rig and programme using the direct segment control or a series of predefined macros. The IP67 rating provides reliability required for the most demanding projects and environments.

## **VIVA CMY**

Robe's VIVA CMY combines brightness and an exceptionally clean and clear (zero-fringing) white beam, together with the smooth continuous colour transitions of CMY mixing. Its LED lightsource is extremely energy-efficient.

Elegant and lightweight, this fixture is packed with smart and easy-to-use effects.

The 350W white LED light engine gives the extra punchy beam with an even flat-field and 20,000 hours of operation! In fact, no re-lamping should be needed for the entire life of the fixture!

Smooth colour transition and vivid fixed colours can be applied from the refined CMY mixing system and the colour wheel, and rotating or static gobos added for projections or mid-air effects. The zoom can go out to 40 degrees at its widest and be softened up with variable frost to create a gentle wash-like output or dynamic background projections.

The minimum 9° zoom produces a super-tight, piercingly bright beam that can be trimmed with an ultra-fast stepless iris to optimise the output further. VIVA has extremely fast pan/tilt movement

utilising Robe's proprietary EMS™ (Electronic Motion Stabiliser) technology.

















