Robe launches at Prolight & Sound

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Czech Republic based moving light manufacturer Robe lighting launches six exciting new products at the 2013 Prolight+Sound exhibition in Frankfurt.

This is the Pointe. It is very bright and super-fast with a sharp parallel beam

that cuts through the air with ease. Add to that a zoom that goes out to 20 degrees, focus, frost, 2 separate prisms and together with both fixed and rotating gobo wheels in 13 rich colours – the Point is a complete effects unit. Smaller than the norm, brighter but power efficient using just a 280W discharge source. You get the Pointe?

- Discharge short arc lamp with integrated reflector – Osram Sirius HRI 280W

- Zoom range: 2.5°-10° beam application; 5° – 20° spot application

- Colour wheel with 13 dichroic filters+ white

- Rotating gobo wheel with 9 user replaceable "SLOT&LOCK" gobos + open

- Static gobo wheel with 14 + open

- 6-facet linear prism indexable and rotating in both directions at different speeds

- 8-facet circular prism indexable and rotating in both directions at different speeds

- Variable frost effect

- Mechanical dimmer/shutter, Strobe effect 1/10 Hz

- Pan and tilt movement in 16/8 bit resolution 450 °/270 ° with locking mechanism

- Setting & Addressing: ROBE Navigation System 2 (RNS2)

- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC

- Communication protocols USITT DMX-512, ArtNet, MA Net, MA Net2, RDM

- Electronic auto ranging power supply 100 – 240 V AC, 50-60 Hz

- Optional wireless version available: CRMX™ technology from Lumen Radio

- Data in/out: Locking 5-pin XLR

- Power in/out: NeutrikPowerCon

- Weight only 15 kg

Bar, club and retail lighting has taken another step into the digital future. The

MiniMe is an effects lighting luminaire with the addition of full video output. This small, neat, fast moving fixture is LED driven with 20,000hour lifetime light source. Colours, gobos and beam shapes are all digitally generated by the on-board media server. Custom artwork, still photographs and video can also be simply uploaded for projection, whilst live video can be streamed through the HDMI input.

- Light Engine : RGB LED device with output 300 ANSI lumens

- Rated light source life: 20000 hours

- Resolution: WXGA (1280×800)

- Display colours: 16.7 million colours

- Input voltage range: 100–240 V AC, 50–60 Hz

- Max. Power Consumption 220W@ 230V

- Weight only: 6 kg

- DMX data in/out: Locking 5-pin XLR

- 2 x USB 2.0 connector (series A)

- ArtNet: RJ 45 (Neutrik Ethercon)

- External video input: 1 x HDMI

- AC power in/out: Neutrik PowerCon

- Operating systém: Linux OS

- Digital gobo wheel with gobos, images and videos

- Colour effect wheel with wide range of in-built colour effects (colour transitions and cross-fades, multiple colour images, rainbow effects)

- Effect wheel with wide range of graphic effects (Kaleidoscopic effect, fish eye, iris, zoom, swirl effect, pixelation effect, cross-stitching, posterization, and more…)

- Effect speed control

- Horizontal/Vertical keystoning

- Upload and projection of custom artwork, still photographs and videos

- Live input via external HDMI

- Protocols: USITT DMX-512, RDM, ArtNet,

- 1 DMX protocol mode

- Ethernet port: Art-Net, ready for ACN

- Control channels: 22

- Optional wireless external module available: CRMX™ technology from Lumen Radio

- Mounting points: 1 pair of ¼-turn locks

- 1 x Omega bracket with ¼-turn quick lock

Robin CycFXTM

All the amazing features and performance of the award winning Robe LedWash luminaires in a 1000mm moving linear strip. 10 individually controlled 15W RGBW led modules equally spaced along the strip with fully adjustable zoom from 8-53 degrees. The strip itself has a very fast 270 degree tilt movement which can be precision indexed or programmed to produce rapid sweeping movements.

Pre-programmed colour macros and pixel control makes this fixture quick and easy to programme. Tungsten lamp emulation and fade effects at 2700K and 3200K are included. Wireless technology CRMX is available as an option.

- 10x 15W RGBW LED multichips

- Led Life Expectancy: minimum 60.000 hours

- Typical Lumen Maintenance: 70% @ 60.000 hours

- Linear motorized zoom: 8°– 53°

- RGBW or CMY colour mixing, CTO

- Individual control of each RGBW pixel

- Virtual colour wheel with 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)

- Tungsten lamp effect at whites 2700K and 3200K (red shift and thermal delay during dimming)

- Colour rainbow effect with variable speed

- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses   at variable speed and directions

- High resolution dimmer 0 – 100%

- Strobe effect with variable speed (max.20 flashes per second)

- Tilt movement range: 270°

- DMX channels: 14, 21, 51, 61

- 4 DMX protocol modes

- 3-editable programs

- Data in/out: Locking 3-pin & 5-pin XLR

- Power in/out : Neutrik PowerCon

- Setting & Addressing via two-row LCD display & 4 control buttons

- Communication protocols: USITT DMX-512, RDM

- Optional wireless version available: CRMX™ technology from Lumen Radio Electronic auto ranging power supply, 100 – 240 V AC, 50-60 Hz

- Rigging: 3 pair of 1/4-turn locks +2x Omega bracket with ¼-turn quick locks

This innovative effects moving head product has an integrated fan in the centre

of the head surrounded by a ring of 24 x high powered RGBW multichip LEDs. There is a zoom of 8 to 63 degrees on the LEDs .. and a strong central airflow that can be combined with fog and haze to assist with creating the best quality atmospheric effects. The vari-speed fan can be independently DMX controlled … starting from a very low RPM and is a perfect complement to fog and hazers in any 'live' environment – from clubs to concerts – needing fine-tuned fog / haze flows, from a mere wisp of smoke to a full-on immersive low cloud coverage!Each LED is individually controlled and can be pixel mapped for the creation of eye-catching colour, rainbow, strobe etc. effects. The Cyclone is also perfect for lighting and cooling performers from a neat 'footlights' position and can also produce dramatic 'hair-blowing' and 'smoke-through-the-fan' effects. The unit also benefits from all the features from Robe's massively popular LEDWash series.

- 24 x 15 W RGBW LED multichips

- Led Life Expectancy: minimum 60.000 hours

- Typical Lumen Maintenance: 70% @ 60.000 hours

- Strong airflow through fixture head for best atmospheric effects

- Perfect complement to fog and hazers

- Hair-blowing and smoke-through-the-fan effects

- 5-bladed fan with controllable velocity via DMX/RDM starting from low RPM

- Very efficient fan with 180 mm diameter and airflow 900 m3/h (530 CFM)

- RGBW colour mixing

- Individual control of each RGBW pixel

- Virtual colour wheel with 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)

- Tungsten lamp effect at whites 2700K and 3200K (red shift and thermal delay during dimming)

- Motorized zoom: 8°– 63°

- Strobe effect with variable speed (max.20 flashes per second)

- Pan and Tilt movement range: 450°/300°

- DMX channels: 16, 24, 96

- 3 DMX protocol modes

- 3-editable programs, each up to 100 steps

- Ethernet port: Art-Net protocol, ready for ACN

- Data in/out: Locking 3-pin & 5-pin XLR

- Setting & Addressing: ROBE Navigation System 2 (RNS2)

- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC

- Communication protocols: USITT DMX-512, ArtNet, MA Net,MA Net2, RDM

- Wireless CRMX™ technology from Lumen Radio included as standard accessory

- Electronic auto ranging power supply, 100 – 240 V AC, 50-60 Hz

- Rigging: 2 pairs of 1/4-turn locks +2x Omega bracket with ¼-turn quick locks

Robin MMX BladeTM

The Robin MMX-Blade is based on the new technology MMX discharge fixture,

comparable output to 1200W luminaires; the MMX-Blade adds a framing shutter system into the optical path. Four fast, smooth moving, shutter blades are individually angled and positioned within a frame which itself can rotate through 90 degrees. As well as providing a sharp or soft frame for the projected image, with repeatable precision, the system produces a new series of fast moving in-air effects through pre-programmed blade shape and movement sequences.

The MMX-Blade includes many of the innovative features of the MMX including the Robe exclusive Hot-Spot lamp control feature that allows remote adjustment of flat beam uniformity or power beam hot-spot.

- Light source : Philips MSR Platinum 35, 1200 W equivalent

- Fixture total lumen output: 26141 lm

- Zoom range: 8.5° – 46.5° (8.5° – 42.5° for gobo, 9.8° – 46.5° for open hole)

- Rotating Gobo wheel 1: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open

- Aluminium animation wheel – rotating in both directions, variable speed

- Colour wheel: 7 dichroic filters + white

- Framing shutters: 4 individually positionable blades with +-45° rotation of the complete framing system

- Hot-spot control: Hot-or-not-spot

- Iris: Motorized, stepless, pulse effects up to 3 Hz

- Prism: 5-facet prism rotating in both directions at different speeds

- Frost effect: separate, variable

- Dimmer/Shutter: full range dimming and variable strobe effect, Electronic strobbing "ZAP" effect

- Motorized zoom and focus

- Setting & Addressing: ROBE Navigation System 2 (RNS2)

- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2

- Optional wireless version available: CRMX™ technology from Lumen Radio

- Control channels: 45, 39, 37

- 3 DMX protocol modes

- Data in/out: Locking 3-pin & 5-pin XLR

- Power in: Neutrik PowerCon

- ~~Built-in equipment for easy~~ y fault finding

DigitalSpot 7100 DT is ROBE's Digital Moving Light Projector, based upon LCD

and LED technology. This unique combination of a digital projector and two powerful RGBW LED modules offers amazing digital gobo effects and the projection of highly saturated colours – all in a single moving light fixture. The DigitalSpot 7100 DT emits 7.000 ANSI lumens from a single 330W projection lamp with an awesome contrast ratio of 3,000:1. Each of its two LED modules consists of 48 Luxeon Rebel RGBW LEDs and provides an extremely bright light output across the full colour spectrum. Offering DVI input and SDI input/output, the DigitalSpot 7100 DT is aimed at the top level professional markets and applications. Its brightness makes it one of the highest output and most affordable digital moving light projectors currently available. The DigitalSpot 7100 DT is an ideal tool for all profesional entertainment and leisure applications including corporate events, concert touring, TV and theatres.

- Accurate Pan/Tilt movement

- Embedded high-end Media Server

- Integrated LEDWash module including 2x48xRGBW Luxeon Rebel LEDs

- 7000 ANSI Lumen light output with 3000 : 1 contrast ratio

- Throw distance ratio: 1.8-2.4 : 1

- Motorized focus and zoom

- Mechanical iris

- 5? TFT LCD display & Robe navigation system

- Control by DMX and ArtNet

- Web access for total control of fixture (user library management)

- Media Content Synchronization in web interface

- 4 gobo layers for image and video control and playback

- Layer Media Control Modes (Copy, Add, Subtract, Multi, Minimum and Maximum)

- Full Key-Stone correction

- Digital Iris effect + 160 Masking effects

- Digital strobe effect

- CMY Image and Video Colour Mixing and CTC

- 2 Effect Engines per Layer with more than one hundred effects

- Banner Effects creating action scripts for Images or Videos

- Huge amount of Default Images/Videos

- Projection onto cylindrical/spherical surfaces and angular screens

- Video processing on all gobo layers from a remote streaming video server

- Effect video synchronization

- Picture Merging effect in the field up to 64 segments in several different matrice configuration

- Supported Image Formats: JPG, TGA, PNG, GIF, PCX, PNM, XPM, LBM

- Supported Video Formats: MPEG1, MPEG2

- Video inputs-data projector: S-video and VGA

- Video inputs-graphic engine (standard): S-video, Composite video

- Video inputs-graphic engine (optional): DVI/VGA or SDI/ASI or SDI/SDI

- 2 optional Lens Configuration Kits

- Mounting points: 4 pairs of ¼-turn locks