

MegaPointe®

MEGA bright with MEGA features and still compact. The MegaPointe from Robe.

**Light source**

Osram Sirius HRI 470 W RO

**Light output**

MEGA bright 2.200.000 lx @ 5

**Zoom range**

1.8° - 21° beam mode, 3° - 42° spot mode

**Effects**

CMY mixing, rotating and static gobo wheel, animation wheel, 12 beam and flower effects



OUR NEW REFERENCE POINT!

Our all-new MegaPointe elevates the original all-in-one fixture to a whole new level. Unleash your creativity using the bright sharp parallel beams, excellent gobo projection, precise movement, smooth CMY colour mixing and dimming plus a multitude of beam splitting, wash and shaping effects.

The Robe R&D team worked with Osram to provide a 470W lamp that aligns perfectly with the cutting edge optical system. This design provides a brilliant, crystal clear, razor-edged beam, adjustable from a punchy 1.8 out to a wide 42 degree zoom.

Both static and rotating (glass) gobos produce precision in-air effects or projected images with a sharp, high-contrast, flat field.

The newly designed effects engine can produce 12 varying beam and 'flower' effects. The beam can also be shaped using innovative shutter emulation, further creating a whole new blend of content & creativity.

Technical Specification

Source

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 470 W RO
- Lifetime: 1.500 hours @ 470W Standard mode, 2.000 hours @ 380W Eco mode
- CRI: 80/90
- CCT:
 - Light output 6.300K
 - Lamp 7.500K
- Control: Automatic and remote on/off
- Ballast: Electronic

Optical system

- Robe's proprietary optical design (Patent pending).
- Zoom optical system: 14:1
- Light output:
 - Beam mode 1.8°: 2 200.000 lx @ 5 m
 - Beam mode 1.8°: 137.500 lx @ 20m
 - Spot mode 3°: 715.300 lx @ 5 m
 - Spot mode 3°: 44.710 lx @ 20m
- Zoom range:
 - 1.8° - 21° beam mode
 - 3° - 42° spot mode
- Output lens diameter: 150 mm
- Fixture total lumen output: 20.375 lm

Dynamic Effects and Features

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- Colour Wheel: 13 dichroic filters + white
- Rotating gobo wheel: 9 rotating gobos + open, indexable and replaceable gobos
- Static gobo wheel: 14 gobos + open
- Animation wheel: Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
- Innovative Effect Engine consisting of 6 prisms placed on two wheels, producing 12 various Beam and Flower effects
- Beam shaper emulating framing shutters and creating rectangular beam shapes, rotatable and indexable (Patented)
- FREM™ - Framing shutter emulation
- Frost: variable 1° (light) and 5° (medium)
- Motorized zoom and focus
- Remote Hot-spot control: adjustable from 5:1 to 2.5:1 in spot mode and from 7:1 to 2.7:1 in beam mode (Patent pending)
- Pre-programmed random strobe & pulse effects
- Dimmer: 0 - 100%

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 2
- Control channels: 39, 34
- Pan/Tilt resolution: 8 or 16 bit
- Colour wheel positioning: 8 or 16 bit
- CMY: 8 bit
- CRI Selection: 80 or 90
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Static gobo wheel positioning: 8 bit
- Animation wheel: 8 bit
- Animation wheel rotation: 8 or 16 bit
- Prism indexing & rotation: 8 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Hot-Spot: 8 bit
- Dimmer: 8 or 16 bit

Movement

- Pan movement: 540°
- Tilt movement: 265°
- Movement control: Standard and Speed
- Automatic Pan/Tilt position correction
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patented)

Rotating gobos

- Glass gobos: 9 rotating gobos + open
- Outside diameter: 15.9 mm
- Image diameter: 12.5 mm
- Thickness: 1.1 mm
- High temperature borofloat or better glass
- "SLOT&LOCK" system for easy replacement of gobos

Static gobos

- Aluminium wheel with fixed gobos: 10 gobos & 4 beam reducers + open position

Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum housing temperature: 80 °C (176 °F)
- Minimum operating temperature: -5 °C (23 °F)
- Total heat dissipation: max. 1945 BTU/h (calculated)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 670 W
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
- USB connector (series A)

Approvals

- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 640 mm (25.2") - head in vertical position
- Width: 396 mm (15.6")
- Depth: 230 mm (9.1")
- Weight: 22 kg (48.5 lbs)
- Ingress protection rating: IP20

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Pan and Tilt transport locks
- Safety cable attachment point

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

Optional accessories

- Lamp Osram Sirius HRI 470W RO: 14080061-01
- Doughty Trigger Clamp: 17030386
- Frost I 0.5° (exchange) assembled: 10980632
- Frost I 1° (exchange) assembled: 10980633
- Frost I 5° (exchange) assembled: 10980634
- Frost I 10° (exchange) assembled: 10980635
- Frost I 20° (exchange) assembled: 10980636
- Frost I 30° (exchange) assembled: 10980637
- Frost II 0.5° (exchange) assembled: 10980638
- Frost II 1° (exchange) assembled: 10980639
- Frost II 5° (exchange) assembled: 10980640
- Frost II 10° (exchange) assembled: 10980641
- Frost II 20° (exchange) assembled: 10980642
- Frost II 30° (exchange) assembled: 10980643
- Safety wire 36 kg: 99011963
- Upgrade kit CRMX Universal 260: 99030100
- Single Top Loader Case: Horizontal 10120232
- Dual Top Loader Case:
 - Vertical 10120229
 - Horizontal 10120233
- Quad Top Loader Case: Vertical 10120230
- Foam Shell:
 - Single Vertical 20020308
 - Dual Vertical 20020310
 - Single Horizontal 20020311

Legal

- MegaPointe® is a registered trademark of Robe lighting s. r. o.
- MegaPointe® is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

Gobos&Colours

Rotating Gobo Wheel



15020341



15020352



15020351



15020347



15020337



15020350



15020355

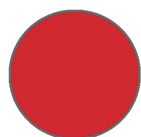


15020354

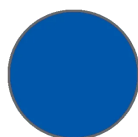


15020342

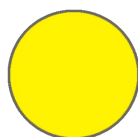
Colour Wheel



14070445



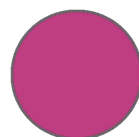
14070446



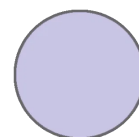
14070447



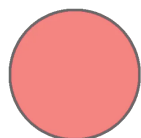
14070448



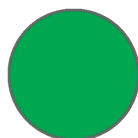
14070449



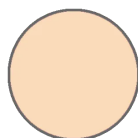
14070450



14070451



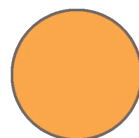
14070452



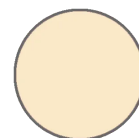
14070453



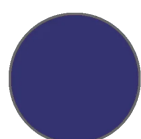
14070454



14070455

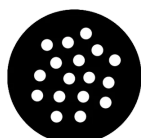


14070456



14070457

Fixed Gobo Wheel, Detail



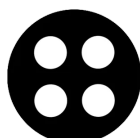
99015494-1



99015494-2



99015494-3



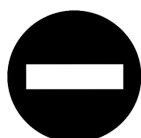
99015494-4



99015494-5



99015494-6



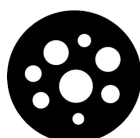
99015494-7



99015494-8



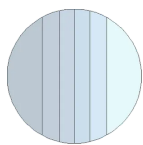
99015494-9



99015494-10

Animation Wheel

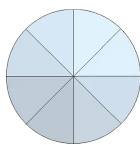
11020239

Prism Wheel 1

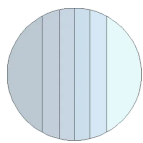
14050031



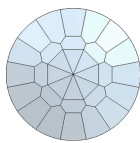
14050033



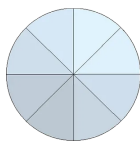
14050030

Prism Wheel 2

14050031



14050032



14050034