

MMX Spot



www.robe.cz

ZOOM
8,5° - 46,5°

CMY+CTO
COLOUR MIXING
COLOUR
WHEEL

IRIS
PRISM
FROST

WEIGHT
25.5 kg / 56.2 lbs

EXTREMELY
BRIGHT
1200W
LIGHT OUTPUT

INNOVATIVE
DUAL
GRAPHIC
WHEEL

2
ROTATING
GOBO
WHEELS

REMOTE
HOT
SPOT
CONTROL



ROBE

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BRIGHTER LIGHTER
DUAL GRAPHIC WHEEL SMALLER

The Robin@MMX is a new technology discharge fixture that has similar light output to most existing 1200 W luminaires. The unit is based on the all new Robin advanced technology design that provides Brighter, more efficient, physically lighter and smaller fixtures than previously possible. The MMX includes the Robe exclusive Hot-Spot lamp control feature that allows remote adjustment of flat beam uniformity or power beam hot-spot. Key feature of the MMX is the "Dual Graphics Wheel" – 2 fully controllable contra-rotating plates that can be positioned anywhere across the light path to produce unique visual effects.

Electromechanical Effects

- Cyan: 0–100 %
- Magenta: 0–100 %
- Yellow: 0–100 %
- CTO: 0–100 %
- Hot-spot control: Hot-or-not-spot
- Colour wheel: 7 dichroic filters + white
- Dual Graphic Wheel
- Rotating Gobo wheel 1: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Rotating Gobo wheel 2: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- 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

Mechanical Specification

- Height: 722 mm (28.4") – head in vertical position
- Width: 446 mm (17.6")
- Depth: 530 mm (20.8")
- Weight: 25.5 kg (56.2 lbs)
- Fixation option: Pan/Tilt-lock mechanism

Thermal

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 100 °C (212 °F)

Rotating Gobos

- Glass gobos - outside diameter: 26.8 mm, image diameter: 22.0 mm, thickness: 1.1 mm, max. thickness: 4.0 mm, high temperature borofloat or better glass

Source

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX36
- Approved model: Philips MSR Platinum 35, 1200 W equivalent
- Control: Automatic and remote on/off
- Ballast: Electronic

Optical System

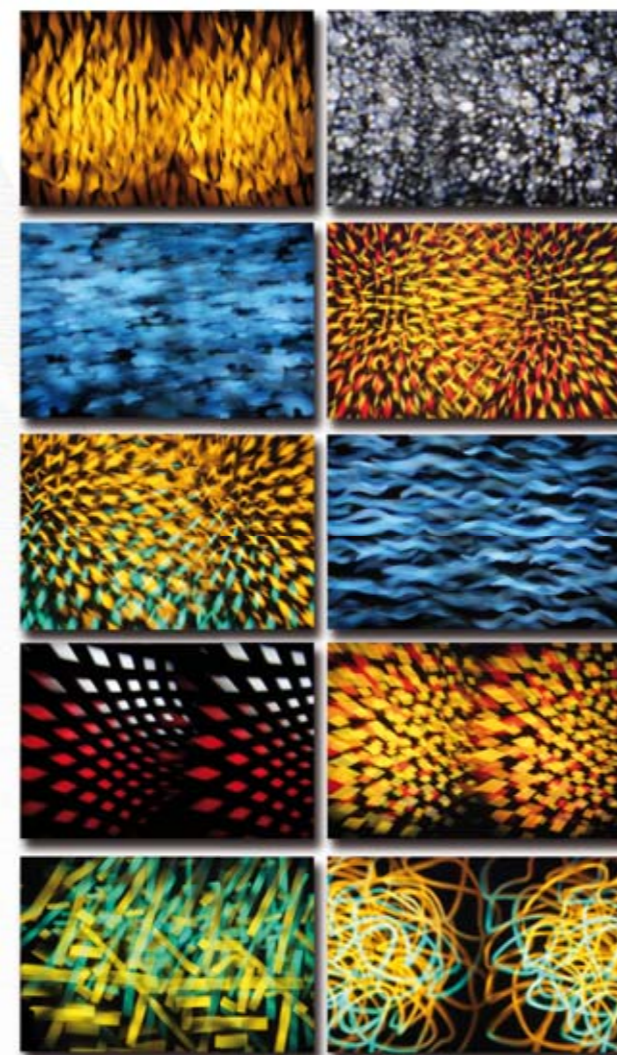
- Dichroic glass reflector for maximising the light efficiency
- Beam angle: Zoom range: 8.5 °– 46.5 ° (8.5 °– 42.5 ° for gobo, 9.8 ° – 46.5 ° for open hole)

Control and Programming

- 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: 38, 31, 29
- 3 DMX protocol modes
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC
- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16 bit
- Rotating gobo wheel positioning: 8 or 16 bit
- Gobo indexing & rotation: 8 or 16 bit
- Dual Graphic Wheel: 8 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Built-in analyser for easy fault finding

Rigging

- Mounting points: 2 pairs of ¼-turn locks
- 2 x Omega brackets with ¼-turn quick locks



FIRE
ABSTRACT FISH
CLOUDS
FALLING LEAFS
SNOW
SUN OF WATER
WATER
STAR FIELD
RAIN



Standart



Optional

Dual Graphic Wheel
Astonishing artistic animations and effect are possible to achieve thanks to the Dual Graphic Wheel. By it's unique design it allows creation of interesting Kaleidoscopic effects, as well as effect like fire, water, sky and transitions with morphing through several focusing planes. The wheel also allows movement from side to side (patent pending). There are one standard and one optional design of Dual Graphic Wheel for more creative possibilities.

DUAL GRAPHIC WHEEL



New MSR Platinum 35 Lamp

The exceptional light output of the MMX Spot is provided by Philips MSR Platinum 35 short arc MiniFastFit lamp. This lamp's new features include better CCT stability, longer useful lifetime and enable extremely high light output comparable with 1200W lamps.

Rotating Gobo Wheel

The new rotating gobo wheel with indexable „SLOT&LOCK“ dichroic and glass gobos (patent pending) carries 7 rotating gobos + open position.

CMY/CTO, Colour Wheel

The fixture is equipped with the new CMY/CTO colour mixing module with system that allows rapid and accurate movement without any jerking and delays (patent pending).

Iris

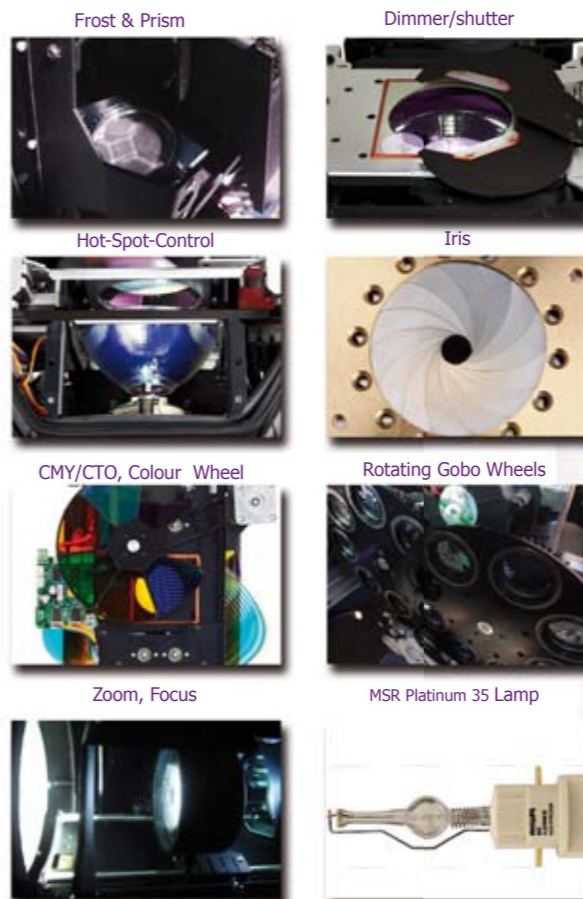
The new iris – the fastest iris on the market allows the closing and opening cycles up to 3 times per second. (patent pending)

Zoom, Focus

The Robin MMX Spot provides a large 8,5°– 46,5° zoom range. Consisting of a newly designed lens slide system, which provides controllable and repeatable friction and damping of the lens movement (patent pending)

Dimmer/shutter

Electronic ballast and mechanical shutters control offers full range dimming, variable and random strobe effect together with electronic zapping strobe.



Frost & Prism
Smooth frost effect allows gobo and beam softening for wash like effect, 5-facet 11° indexable prism can rotate in both directions at different speeds

Hot-Spot-Control

Provide an extra control of intensity distribution across the light beam via dedicated Hot-Spot channel

COLOUR WHEEL



ROTATING GOBO WHEEL 1



ROTATING GOBO WHEEL 2

