

# RUSH MH 11 BEAM

HIGH INTENSITY BEAM MOVING HEAD

SPEC SHEET

## Class-leading beam optics for excellent intensity and sharp mid-air effects

This high-intensity beam moving head is designed for high end installations and rental applications. It utilizes the same lamp found in the RUSH MH 7 Hybrid, but with class-leading beam optics that provide excellent intensity and sharp mid-air effects in a beam-only fixture. With a super-tight 2.6° beam angle, the fixture is a perfect fit for high-end live venue installations such as nightlife, houses of worship, and cruise ships. It also features a rugged industrial design for use in touring applications where Martin RUSH MH 7 and MAC Axiom fixtures are used.

## Ultra-powerful 250W Platinum 11R Lamp

250W Platinum 11R Lamp offers best-in class optics delivering longer reach and greater impact.

## Super-tight 2.6° beam angle

Achieves sharp, high-output beam effects.

## Sturdy, road worthy design

The rugged industrial design is ideal for handling the rigors of the road and a range of touring applications.



## KEY BENEFITS

### REFINED BEAM OPTICS

The RUSH MH 11 Beam utilizes the same 250W Platinum 11R lamp found in the Martin RUSH MH 7 Hybrid, but with refined beam optics. It also shares the same color temperature and palette with the RUSH MH 7 and MAC Axiom, for excellent color matching in a cost-effective fixture.

### COMPLEX, PRECISE MID-AIR EFFECTS

The fixture can produce a range of complex and precise mid-air looks utilizing 8 rotating and indexing gobos and an 8-facet prism. The fixture has 13 selectable colors and frost and motorized focus.

### IDEAL FOR A RANGE OF LIVE APPLICATIONS

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## FEATURES

- Powerful 250 W Philips Platinum 11R lamp
- Super tight 2.6° beam angle
- 8 rotating & indexing gobos
- Ultra sharp, narrow long-throw beam
- Mid-air effects
- 10 selectable colors + CTO, CTB, UV
- Frost effect
- 8-facet circular prism
- Motorized focus
- 3 + 5 pin XLR DMX connection
- Neutrik TRUE 1 in and thru socket
- Compact size—L: 364 x W: 305 x H: 581 mm /  
L: 14.3 x W: 12.0 x H: 22.9 in

## ORDERING INFORMATION

- RUSH MH 11 Beam in cardboard box: P/N 90280130

## INCLUDED ITEMS

- Power cable: 1.5 m / 4.9 ft., open ended  
(supplied without mains plug)
- Mounting bracket: Two Omega brackets



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## TECHNICAL SPECIFICATIONS

### DYNAMIC EFFECTS

Color wheel.....	13 colors + open (incl. UV and CTO), rotation with variable direction and speed
Rotating gobo wheel.....	8 gobos plus open, wheel rotation, gobo indexing, rotation and shake, gobo replicable
Electronic 'shutter' effect.....	Strobe effect, pulse effects, instant open and blackout
Prism.....	1 x 8 facet circular prism indexing/rotating
Other effects.....	Frost
Focus.....	Motorized
Dimmer.....	0 - 100%
Pan.....	660°
Tilt.....	250°
Pan and tilt speed.....	Adjustable via onboard control panel and DMX

### GOBOS

Gobo diameter.....	14 mm +/- 0.2 mm (0.55 in +/- 1/128th in)
Max. image diameter.....	13 mm (0.51 in)
Gobo thickness.....	0.8 mm (0.031-0.032 in)
Gobo material.....	Steel, aluminum

### CONTROL AND PROGRAMMING

Control options.....	DMX, stand-alone
DMX channels.....	18
Setting and addressing.....	Control panel with LCD display + RDM
Protocol.....	USITT DMX512/1990

### LAMP

Approved lamp.....	Philips MSD Platinum 11R 250W
Color temperature.....	6 800 K +/- 250 K
CRI (Color rendering index).....	82
Average lifetime.....	2000 hours*

\* Under manufacturer's test conditions

### THERMAL

Cooling.....	Forced air (temperature-regulated, low noise)
Max ambient temperature (Ta max).....	40° C (104° F)
Min ambient temperature (Ta min).....	0° C (32° F)

### OPTICS

Beam angle.....	2.6°
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### CONSTRUCTION

Color.....	Black
Housing.....	High-impact flame-retardant thermoplastic
Protection rating.....	IP20

### INSTALLATION

Mounting points.....	Two quarter-turn Omega brackets for rigging
Location.....	Indoor use only, must be fastened to surface or structure
Orientation.....	Any
Min. distance to illuminated surfaces.....	10 m / 32.8 ft
Min. distance to combustible surfaces.....	0.2 m / 7.9 in
Min. clearance around fans & vents.....	0.2 m / 7.9 in

### CONNECTIONS

AC power input.....	Neutrik TRUE 1
DMX data in/out.....	3-pin and 5-pin locking XLR

### ELECTRICAL

AC power.....	100-120/200-240 V nominal, 50/60 Hz, 380 W max
Power supply unit.....	Auto-ranging electronic switch mode

### TYPICAL POWER AND CURRENT

110 V, 60 Hz.....	3.45 A, 380 W, PF 0.9 *
230 V, 50 Hz.....	1.7 A, 370 W, PF 0.9 *

\* Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

### APPROVALS

EU Safety.....	EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC.....	EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3
US Safety.....	ANSI/UL 1573
US EMC.....	FCC Part 15 Class A
Canadian Safety.....	CSA C22.2 No. 166
Australia/NZ.....	RCM

Specifications subject to change without notice.

### PHYSICAL

Length.....	364 mm (14.3 in.)
Width.....	305 mm (12 in.)
Height.....	581 mm (22.9 in.)
Weight.....	19.5 kg (43 lbs.)