



#### GALLERY



## RUSH MH 11 Beam

The Martin RUSH MH 11 Beam is a high-intensity beam moving head designed for high end installations and rental applications. 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 that provide excellent intensity and sharp mid-air effects in a beam-only fixture. 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 beam-only fixture.

The high-intensity lamp combined with class-leading optics in the MH 11 allows the fixture to achieve sharp, high-output beam effects with a super-tight 2.6 degree beam angle. 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.

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.

Best-in-class optics for longer reach and greater impact

Feature-packed with a wealth of effects

Sturdy design built for the road

#### 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
- Low weight—19.5 kg/43 lbs.

#### TECHNICAL SPECIFICATIONS

#### Physical

Length: 364 mm (14.4 in.)

Width: 305 mm (12.0 in.)

Height: 581 mm (22.9 in.)

Weight: 19.5 kg (43 lbs.)

#### Dynamic Effects

Color wheel: 13 colors (incl. CTO and UV) + open, rotation with variable direction and speed

Rotating gobo wheel: 8 gobos + open, wheel rotation, gobo indexing, rotation and shake

Prism: 8-facet circular, indexing, rotation with variable direction and speed

Focus: Motorized, 16-bit coarse and fine control

Frost

Dimming: 0-100%, coarse and fine control

Electronic shutter effect: Strobe effect, pulse effects, instant open and blackout

Pan: 660°

Tilt: 250°

#### Control and Programming

Control options: DMX, stand-alone, RDM

DMX channels: 18

Setting and addressing: Control panel with backlit LCD display

Pan and tilt speed: Adjustable via onboard control panel and DMX

DMX compliance: USITT DMX512/1990

RDM compliance: ANSI E1.20

#### Lamp

Approved lamp: Philips MSD Platinum 11R 250 W

Color temperature: 6800 K +/- 250 K

CRI (Color rendering index): 81

Average lifetime: 2000 hours\*

\*Under manufacturer's test conditions

#### Optics

Cutoff beam angle: 2.6°

#### Construction

Color: Black

Housing: High-impact flame-retardant thermoplastic

Protection rating: IP20

#### Gobos

Interchangeable rotating gobos

Permitted material: Steel or aluminum

Diameter: 14 mm +/-0.2 mm (0.55 in. +/-0.008 in.)

Max. image diameter: 13 mm (0.51 in.)

Gobo thickness: 0.8 mm (0.031–0.032 in.)

#### Installation

Mounting points: Two quarter-turn omega brackets for rigging clamps

Location: Indoor use only, must be fastened to surface or structure

Orientation: Any

Minimum distance to illuminated surfaces: 10 m (33 ft.)

Minimum distance to combustible materials: 200 mm (8 in.)

Minimum clearance around fans and air vents: 200 mm (8 in.)

#### Connections

AC power in, thru: Neutrik TRUE1

DMX data in, thru: 3-pin and 5-pin locking XLR

#### Electrical

AC power: 100-120 / 200-240 V nominal, 50/60 Hz

Power supply unit: Auto-ranging electronic switch mode

#### Typical Power and Current

120 V, 60 Hz: 380 W, 3.5 A, PF 0.9

230 V, 50 Hz: 370 W, 1.7 A, PF 0.9

*Measurements made at nominal voltage. Figures are typical, not maximum, allow for a deviation of +/- 10%.*

#### Thermal

Cooling: Forced air (temperature-regulated, low noise)

Maximum ambient temperature (Ta max.): 40° C (104° F)

Minimum ambient temperature (Ta min.): 0° C (32° F)

Total heat dissipation (calculated, +/- 10%, at full intensity, full white): 1300 BTU/hr.

#### 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: UL 1573

US EMC: CFR Title 47 Part 15 Class A

Canadian safety: CSA C22.2 No. 166

Canadian EMC: ICES-003 Class A

Australia/NZ (pending): RCM

#### Included Items

Philips MSD Platinum 11R 250 W lamp (installed)

Power cable, 1.5 m (4.9 ft.), without mains plug

Two Omega clamp attachment brackets with 1/4-turn fasteners

#### Accessories

Philips MSD Platinum 11R 250 W lamp: P/N 50481205

Cables, 16 A, for connection to power

Power input cable, H07RN-F, 2.5 mm<sup>2</sup>, 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-

W (female), 1.5 m (4.9 ft.): P/N 91611797

Power input cable, H07RN-F, 2.5 mm<sup>2</sup>, 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-

W (female), 5 m (16.4 ft.): P/N 91611786

Power input cable, SJOOW, 12 AWG, bare ends to Neutrik TRUE1 NAC3FX-W (female), 1.5 m (4.9 ft.): P/N 91610173

Power input cable, SJOOW, 12 AWG, bare ends to Neutrik TRUE1 NAC3FX-W (female), 5 m (16.4 ft.): P/N 91610174

Cables, 16 A, for relaying power in chains

Power relay cable, HO7RN-F, 2.5 mm<sup>2</sup>, TRUE1 to TRUE1, 0.45 m (1.5 ft.): P/N 91611784

Power relay cable, HO7RN-F, 2.5 mm<sup>2</sup>, TRUE1 to TRUE1, 1.2 m (3.9 ft.): P/N 91611785

Power relay cable, HO7RN-F, 2.5 mm<sup>2</sup>, TRUE1 to TRUE1, 2.5 m (8.2 ft.): P/N 91611796

Power relay cable, SJOOW, 12 AWG, TRUE1 to TRUE1, 0.45 m (1.5 ft.): P/N 91610170

Power relay cable, SJOOW, 12 AWG, TRUE1 to TRUE1, 1.2 m (3.9 ft.): P/N 91610171

Power relay cable, SJOOW, 12 AWG, TRUE1 to TRUE1, 2.5 m (8.2 ft.): P/N 91610172

Connectors

Power connector, cable mount, Neutrik TRUE1 NAC3FX-W (female): P/N 91611789

Power connector, cable mount, Neutrik TRUE1 NAC3MX-W (male): P/N 91611788

DMX data link

DMX termination plug, 3-pin male XLR: P/N 91613017

Installation hardware

G-clamp (installation hanging vertically downwards only): P/N 91602003

Half-coupler clamp: P/N 91602005

Related Items

RUSH® Software Uploader 2: P/N 91611770

Ordering Information

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

