



GALLERY



RUSH MH 4 Beam

This compact beam moving head for smaller venues blasts an intense and narrow beam for spectacular mid-air looks and effects. It houses a fixed gobo wheel and color wheel with a multitude of effects possible from a dimmer and strobe, 6-facet prism and focus.

FEATURES

TECHNICAL SPECIFICATIONS

Physical

Length: 319 mm (12.6 in.)
Width: 255 mm (10.1 in.)
Height: 481 mm (19.0 in.)
Weight: 14 kg (30.9 lbs.)

Dynamic Effects

Color wheel: 14 colors plus open, continuous and stepped scrolling, rotation with variable direction and speed
Static gobo wheel: 17 gobos plus open, continuous and stepped scrolling, rotation with variable direction and speed
Shutter: Strobe effect, pulse effects, instant open and blackout
Prism: 6-facet, indexing and rotation with variable direction and speed
Focus: Motorized
Dimmer: 0 - 100% continuous dimming
Pan: 540°
Tilt: 270°

Control and Programming

Control system: DMX
DMX channels: 13
Setting and addressing: Control panel with LCD display
DMX compliance: USITT DMX512/1990
16-bit control: Dimming, pan and tilt
Pan and tilt speed: Adjustable via onboard control panel and DMX
Position correction system: Available for pan and tilt

Lamp

Osram HRI 132 W lamp models:
Approved lamp: Osram Sirius HRI 132 W
Color temperature: 8800 K
CRI (Color rendering index): 62
Average lifetime: 6000 hours*
**Manufacturer's figure:*

Optics

Beam angle: 3°

Construction

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

Installation

Minimum distance to illuminated surfaces: 6.5 m (21 ft. 4 in.)
Mounting points: Two quarter-turn brackets for rigging clamps
Location: Indoor use only, must be fastened to surface or structure
Orientation: Any

Connections

AC power input: Neutrik PowerCon
DMX data in/out: 3-pin and 5-pin locking XLR

Electrical

AC power: 100-240 V nominal, 50/60 Hz
Typical total power consumption: 234 W
Power consumption figures are typical, not maximum. Allow for +/-10% variation.:

Typical Power and Current

110 V, 60 Hz: 2.2 A, 234 W, PF 0.996
230 V, 50 Hz: 1.1 A, 231 W, PF 0.996

Measurements made at nominal voltage. 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%): 800 BTU/hr.

Approvals

EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547
Canadian EMC: ICES-003 Class A
Australia/NZ: C-TICK N4241
US EMC: 47 CFR Part 15 Class A
US safety: UL 1573
Canadian safety: CSA C22.2 No. 166

Included Items

Power cable, 1.5 m, without mains plug
Two Omega clamp attachment brackets with 1/4-turn fasteners

Accessories

Cables, 16 A, for connection to power in chains:

Power input cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 3 m (9 ft. 11 in.): P/N 11541508
Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 1.4 m (4 ft. 8 in.): P/N 11541509
Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 2.25 m (7 ft. 5 in.): P/N 11541510
Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 3.25 m (10 ft. 8 in.): P/N 11541511

Power connectors:

Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804
Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey: P/N 05342805

Installation hardware:

Half-coupler clamp: P/N 91602005
G-clamp (suspension with yoke vertically downwards only): P/N 91602003
Quick-trigger clamp (suspension with yoke vertically downwards only): P/N 91602007

Related Items

RUSH™ Software Uploader 1: P/N 91611399

Ordering Information

RUSH MH 4 Beam™ in cardboard box: P/N 90280030

