



RUSH MH 6 Wash

The RUSH MH 6 Wash is an exciting adaption of the hugely popular RUSH PAR 2 RGBW Zoom, using the same LED engine and zoom system, but additionally featuring moving head capability. The RUSH MH 6 Wash offers a fully pre-mixed color system from 12 x 10 W RGBW LEDs with a spectacular 10°–60° zoom. It also offers full electronic dimming, strobe effects and temperature-controlled fan cooling for quiet operation.

GALLERY



Bright LED moving head wash light

12 x 10 W RGBW LEDs

Single-lens wash with fully premixed color

FEATURES

- 12 x 10 W Osram Ostar RGBW LED's
- Single-lens wash with fully premixed color
- 2,000 lumen output
- 10°–60° zoom
- 32 pre-built color macros
- Temperature-controlled cooling system
- Digital display menu
- PowerCON in and through
- 3 and 5-pin DMX options

TECHNICAL SPECIFICATIONS

Physical

Length: 290 mm (11.4 in.)
Width: 189 mm (7.4 in.)
Height: 360 mm (14.2 in.)
Weight: 7.1 kg (15.7 lbs.)

Dynamic Effects

Color mixing: RGBW

Color presets: 36 color presets plus full white, 'color wheel' effects

Electronic dimming: 0 - 100%, four dimming curve options

Strobe and pulse effects: Variable speed and action, random strobe

Electronic 'shutter' effect: Instant open and blackout

Zoom: Motorized

Pan: 540°

Tilt: 200°

Control and Programming

Control options: DMX

DMX channels: 14

White balance control: RGB adjustment

16-bit fine control: Dimming, pan and tilt

DMX address setting: Control panel with LCD display

DMX compliance: USITT DMX512/1990

Optics

Light source: 12 x 10 W RGBW Osram Ostar LEDs

Minimum LED lifetime: 50 000 hours (to >70% luminous output)*

Zoom range: 10° - 60°

*Figure obtained under manufacturer's test conditions:

Construction

Color: Black

Housing: High-impact flame-retardant thermoplastic

Ingress protection rating: IP20

Installation

Mounting points: One quarter-turn bracket for rigging clamp
Location: Indoor use only, must be fastened to surface or structure
Orientation: Any
Minimum distance to illuminated surfaces: 200 mm (8 in.)
Minimum distance to combustible materials: 100 mm (4 in.)
Minimum clearance around fans and vents: 100 mm (4 in.)

Connections

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

Electrical

AC power: 100-240 V nominal, 50/60 Hz
Power supply unit: Auto-ranging electronic switch mode
Fuse: T 3.15 A

Recommended Miniature Circuit Breaker*: Type D

*Per IEC 60898/UL489/CSA C22.2 No. 5:

Power consumption figures are typical, not maximum. Allow for +/-10% variation.:

Typical Power and Current

120 V, 60 Hz: 1.6 A, 155 W, PF 0.99

230 V, 50 Hz: 0.7 A, 155 W, PF 0.95

Typical half-cycle RMS inrush current at 240 VAC: 11.3 A

Measurements made at nominal voltage with all LEDs at full intensity. 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)

Approvals

EU safety: EN 60598-2-17 (EN605989-1), EN 62471, EN 62493

EU EMC: EN 55015, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547

US safety: UL 1573, UL 8750

US EMC: CFR Title 47 Part 15

Canadian safety: CSA C22.2 No. 166

Australia/NZ: C-TICK N4241 / RCM

Included Items

Power input cable, 6 A, 18 AWG, UL, 0.75 mm², H05VV-F, 1.5 m (4.9 ft.), without mains plug

Omega bracket for rigging clamp attachment

Accessories

Cables:

Power input cable, AWG 14, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 3.25 m (10.7 ft.): P/N 11541511

Power connectors:

Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804

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

DMX link

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

Installation hardware:

Half-coupler clamp: P/N 91602005

G-clamp: P/N 91602003

Quick-trigger clamp: P/N 91602007

Safety cable, safe working load 50 kg: P/N 91604003

Related Items

RUSH™ Software Uploader 1: P/N 91611399

Ordering Information

RUSH MH 6 Wash™ in cardboard box: P/N 90280080

