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.

Bright LED moving head wash light

12 x 10 W RGBW LEDs

Single-lens wash with fully premixed color

GALLERY

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, 10 - 60°
Pan: 540°
Tilt: 270°

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)*
Beam angle: 10° - 60°
**Figure obtained under manufacturer's test conditions:*

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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
US EMC: FCC Part 15
Canadian safety: CSA C22.2 No. 166
Australia/NZ: C-TICK N4241

Included Items
: Power cable 1.5 m
: Omega bracket for rigging clamp attachment

Accessories

Cables:
Power input cable with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508
Power relay cable with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509
Power relay cable with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510
Power relay cable with PowerCon connectors, 3.25 m (10.7 ft.): P/N 11541511

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

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

Related Items
RUSH Software Uploader 1™: P/N 91611399

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

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