



## RUSH MH 6 Wash CT

The RUSH MH 6 Wash CT is designed for key lighting applications within the House of Worship, Performing Arts and Live Stage environments where color temperature control of white light is critical but also a compact and light weight design is desired for smaller applications

The RUSH MH 6 WASH CT is a bright single-lens LED moving head with fully premixed white color temperatures. With twelve 10W WW/CW (warm white and cold white) LEDs and a 10° to 60° motorized zoom, it offers full electronic dimming and variable strobe effects controlled via DMX.

Pre mixed white light ranging from 2,700K to 7,800K

10-60 Degree Zoom System

Compact and Lightweight Design

### GALLERY



### FEATURES

- 2,700K to 7,800K Color Temp Range
- Allows key lighting to be matched for multiple sources from Tungsten to Metal Halide
- 10-60 Degree Zoom System
- Compact and lightweight design
- Can be used as a Mid effect with a tight beam look to washing a stage for key lighting applications
- Ideal for applications that have limited ceiling height or weight restrictions.

### 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 temperature: 2700 K - 7800 K

Color temperature presets: 2700 K to 7800 K in ~100 K steps

Electronic dimming: 16-bit, 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°, 16-bit control

Tilt: 220°, 16-bit control

#### Control and Programming

Control options: DMX

DMX channels: 12

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 CWUW LEDs

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

Zoom range: 10° - 60°

\*Figure obtained under manufacturer's test conditions:

#### Construction

Housing: High-impact flame-retardant thermoplastic  
Color: Black  
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 input: Neutrik PowerCon  
AC power throughput: Neutrik PowerCon  
DMX data in/out: 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: 1.3 A, 150 W, PF 0.99

230 V, 50 Hz: 0.7 A, 150 W, PF 0.94

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 mm<sup>2</sup>, H05VV-F, 1.5 m (4.9 ft.), without mains plug  
Omega bracket for rigging clamp attachment

#### Accessories

##### Cables

Power input cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, 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 NAC3FCB 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 CT in cardboard box: P/N 90280090

