



# RUSH MH 5 Profile

This compact and bright LED profile moving head with efficient optics punches out a variety of effects and colors. With two color wheels, two gobo wheels and rotating prism the MH 5 Profile offers full effect in a super compact housing, making it perfect for DJs, bands, clubs, bars, cruise ships and installations where small footprint and low weight is critical.

Compact 75 W LED moving head profile

One rotating and one fixed gobo wheel

Two color wheels

## GALLERY

## FEATURES

- Compact 75 W LED profile moving head
- Super bright - efficient optics
- Rotating gobo wheel
- Fixed gobo wheel
- 2 x color wheels
- Electronic dimming and strobe
- 3-facet prism

## TECHNICAL SPECIFICATIONS

### Physical

Length: 290 mm (11.5 in.)  
Width: 187 mm (7.4 in.)  
Height: 416 mm (16.4 in.)  
Weight: 9 kg (19.9 lbs.)

### Dynamic Effects

Color wheel 1: 8 colors plus open, rotation with variable direction and speed  
Color wheel 2: 8 colors (incl. 1 x UV, 2 x CTC) plus open, rotation with variable direction and speed  
Rotating gobo wheel: 6 gobos plus open, wheel rotation and gobo rotation  
Static gobo wheel: 7 gobos plus open, wheel rotation and shake  
Electronic 'shutter' effect: Strobe effect, pulse effects, instant open and blackout  
Prism: Indexing and rotation with variable direction and speed  
Focus: Motorized  
Electronic dimming: 0 - 100%, four dimming curve options  
Pan: 540°  
Tilt: 270°  
Pan and tilt speed: Adjustable via onboard control panel and DMX

### Control and Programming

Control options: DMX, stand-alone  
DMX channels: 16  
Stand-alone trigger options: Music trig, auto trig  
Stand-alone sequences: 4 pre-programmed shows  
Music trig sensitivity: Adjustable  
Setting and addressing: Control panel with backlit LCD display  
Protocol: USITT DMX512/1990

### Optics

Beam angle: 16° (one-tenth peak), 14° (half-peak)  
Light source: 75 W LED engine  
Minimum LED lifetime: 50 000 hours (to >70% luminous output)\*  
*\*Figure obtained under manufacturer's test conditions:*

### Construction

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



#### Gobos

Rotating gobo size: 24 mm (0.94 in.)

Rotating gobo image size: 20 mm (0.79 in.)

#### Installation

Mounting: One quarter-turn bracket for rigging clamp

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

Orientation: Any

#### Connections

AC power in/thru: 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: 165 W

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

#### Typical Power and Current

100 V, 60 Hz: 1.7 A, 165 W

230 V, 50 Hz: 0.8 A, 157 W

*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)

Total heat dissipation (calculated, +/- 10%, at full intensity, full white): 565 BTU/hr.

#### Approvals

EU safety: EN 60598-2-17 (EN 60598-1), 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: 47 CFR Part 15 Class A

Canadian safety: CSA C22.2 No. 166

Canadian EMC: ICES-003 Class A

Australia/NZ: C-TICK N4241

#### Included Items

Power cable, 1.5 m, without mains plug

#### Accessories

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

Power input cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon input connector, 3 m (9 ft. 11 in.): P/N 11541508

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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 mm<sup>2</sup>, H05VV-F, with PowerCon input connector, 3.25 m (10 ft. 8 in.): P/N 11541511

#### 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:

G-clamp: P/N 91602003

Half-coupler clamp: P/N 91602005

#### Related Items

RUSH™ Software Uploader 1: P/N 91611399

#### Ordering Information

RUSH MH 5 Profile™ in cardboard box: P/N 90280040

