



# RUSH MH 8 Mini Profile

The RUSH MH 8 Mini Profile is Martin Professionals smallest moving head to date with super sharp optics which delivers a high output that punches above its class. High speed pan & tilt with separate color and gobo wheels allows designers maximum flexibility from the lounge bar to the high energy dance floor all within an affordable price bracket.

The MH 8 Mini Profile uses the latest 18W White LED Technology that delivers super sharp optics with over 800 Lumens via a 14 degree beam angle. 8 individual gobos and colors are available with electronic strobe/dimming, manual focus and high speed Pan and Tilt via DMX or Audio Trig. This compact moving head only weighs 4.5KG.

Super Sharp Optics

High Output 18W White LED

Separate Color and Gobo Wheel

## FEATURES

- Super Sharp Optics
- Gobo projection is crisp and flat which is class leading in this product category
- High Output
- Latest generation Osram 18W LED allows >800 Lumens which is class leading in this category.
- Separate Color and Gobo Wheel
- Allows designers maximum flexibility

## TECHNICAL SPECIFICATIONS

### Physical

Length: 157 mm (6.1 in.)  
Width: 237 mm (9.3 in.)  
Height: 327 mm (12.9 in.)  
Weight: 4.5 kg (9.9 lbs.)

### Dynamic Effects

Color wheel: 8 colors plus open, variable and random rotation  
Gobo wheel: 8 static gobos plus open, variable and random rotation  
Strobe: Variable from 3 - 20 Hz, pulse effects and random strobe  
Electronic dimming: 0 - 100%, four dimming curve options  
Pan: 540°  
Tilt: 230°

### Control and Programming

Control options: DMX, 4 stand-alone shows, master/slave  
DMX channels: 10  
Stand-alone trigger: Auto, music  
DMX compliance: USITT DMX512/1990  
Interface: Control panel with backlit LCD display

### Optics

Light source: 18 W OSRAM LE UW Q8WP LED  
Minimum LED lifetime: 50 000 hours (to >70% luminous output)\*  
Beam angle: 14°  
Focus: Manual

*\*Figure obtained under manufacturer's test conditions*

### Construction

Color: Black  
Housing: High-impact flame-retardant thermoplastic  
IP rating: IP 20

#### Installation

Mounting points: Bracket for rigging clamp

Location: Dry location only, must be fastened to surface or structure

Orientation: Vertical (head down if suspended)

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: IEC

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 2.0 A

#### Typical Power and Current

120 V, 60 Hz: 52 W, 0.8 A

230 V, 50 Hz: 50 W, 0.5 A

Typical half-cycle RMS inrush current: 6.4 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)

Total heat dissipation (calculated, +/- 10%, at full intensity, full white): 180 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 61000-4-2, EN 61547

US safety: UL 1573

US EMC: CFR Title 47 Part 15 Class A

Canadian safety: CSA C22.2 No. 166

Canadian EMC: ICES-003 Class A

Australia/NZ (pending): RCM

#### Included Items

Power cable, 1.9 m (6.3 ft.) without mains plug

Power cable, 1.9 m (6.3 ft.) with US plug

Bracket for rigging clamp attachment

#### Accessories

##### Installation hardware:

G-clamp: P/N 91602003

Half-coupler clamp: P/N 91602005

Quick-trigger clamp: P/N 91602007

Safety cable, safe working load, 50 kg (110 lbs.): P/N 91604003

##### Related Items

RUSH™ Software Uploader 1: P/N 91611399

##### Ordering Information

RUSH MH 8 Mini Profile™ in cardboard box: P/N 90280110

