

RUSH™

by Martin®

RUSH MH 1 Profile Plus™



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PASSIONATE PEOPLE**
MEET YOUR NEW COMPANION



RUSH MH 1 Profile Plus™

This super bright LED profile moving head is even brighter than its predecessor RUSH MH 1 Profile with 50% more output. Efficient optics with an increased beam angle from 13 degrees to 16 degrees punches out a variety of effects and colors from two gobo wheels and two color wheels. For added versatility and effect, it also houses an electronic dimmer and strobe, iris and 3-facet prism and an improved cooling system for quieter operation.

- 50% increase in lumen output
- 16 degree beam angle
- Regulated fan control for quieter operation



Specifications

Physical

Length: 418 mm (16.5 in.)
Width: 314 mm (12.4 in.)
Height: 552 mm (21.7 in.)
Weight: 18 kg (39.7 lbs.)

Dynamic Effects

Color wheel 1: 7 colors plus open, rotation with variable direction and speed
Color wheel 2: 7 colors (incl. 1 x UV, 2 x CTC) plus open, rotation with variable direction and speed
Rotating gobo wheel: 7 gobos plus open, wheel rotation, gobo indexing, rotation and shake
Static gobo wheel: 8 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
Iris: Motorized
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: 17
Stand-alone trigger options: Music trig, auto trig
Stand-alone sequences: 4 pre-programmed shows
Stand-alone memory: 20 scenes
Music trig sensitivity: Adjustable
Setting and addressing: Control panel with LCD display
DMX compliance: USITT DMX512/1990

Optics

Light source: 180 W LED engine
Minimum LED lifetime: 20 000 hours (to >70% luminous output)*
**Manufacturer's figure obtained under manufacturer's test conditions*

Construction

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

Installation

Mounting points: Two quarter-turn brackets for rigging clamps
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: 280 W

Thermal

Cooling: Forced air, temperature controlled
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 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547
US safety: UL 1573
US EMC: FCC Part 15 Class A
Australia/NZ: C-TICK N4241

Included Items

Power cable, 1.5 m (4.9 ft.), without mains plug
Two quarter-turn brackets

Ordering Information

RUSH MH 1 Profile Plus™ in cardboard box, P/N 90280050

*Specifications subject to change without notice

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About Martin Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

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