

# RUSH BATTEN 1 HEX

12 CELL COLOR BATTEN WASH

SPEC SHEET

## Ultra-Bright Batten Features Full Pixel Control and Is Perfect for Live Shows, TV, Stages, and Concerts

Featuring 12 watt RGBAW+UV 6-in-1 LEDs, the RUSH BATTEN 1 HEX provides intense light for color, white, or blacklight applications. With available pixel mapping of the individual LEDs and controllable electronic dimming, strobe, and pulse effects, designers can achieve a variety of exciting looks. A removable diffuser/lens increases the beam angle from 25° to 32°, and brackets are available for floor or truss mounting. The LED source and rugged, lightweight construction make it ideal for live shows, TV events, stage, concerts, and nightclubs.

### 12 individually-controllable RGBAW+UV LEDs

This 12-cell batten provides intense light for color, white, or blacklight applications.

### Pixel Mapping and Electronic Controllable Effects

With available pixel mapping of the individual LEDs and controllable electronic dimming, strobe, and pulse effects, designers can achieve a variety of exciting looks.

### 25° and 32° beam angles available

A removable diffuser/lens increases the beam angle from 25° to 32°, and brackets are available for floor or truss mounting.



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## FEATURES

- 12-cell batten with RGBAW+UV 6-in-1 LEDs
- Full pixel control of individual LEDs
- Removable diffuser/lens that increases the beam angle from 25° to 32°
- Electronic dimming and Strobe
- Brackets are available for floor or truss mounting
- Lightweight construction (6.8 kg / 15 lbs.)

## ORDERING INFORMATION

- RUSH BATTEN 1 HEX in cardboard box: P/N 90480160

## INCLUDED ITEMS

- Power cable, 1.5 m without mains plug

## RELATED ITEMS

- Martin M-DMX with Martin Companion Uploader Software (see [www.martin.com](http://www.martin.com))

## OPTIONAL ACCESSORIES

### Installation Hardware

- Half-coupler clamp: P/N 91602005
- G-clamp (vertical hanging suspension only): P/N 91602003
- Quick-trigger clamp (vertical hanging suspension only): P/N 91602007
- Safety cable, 60Kg, BGV C1: P/N 91604006

### Cables, 16 A, For Connection To Power In Chains

- Power relay cable 3 x 2.5 mm<sup>2</sup>, H07RN-F POWCON-POWCON 1.2 m (3.9 ft.): P/N 91611798
- Power relay cable 3 x 14 AWG, SJ00W POWCON-POWCON 1.2m (3.9 ft.): P/N 91610175
- Power relay cable 3 x 2.5 mm<sup>2</sup>, H07RN-F POWCON-POWCON 2.5m (8.2 ft.): P/N 91611799
- Power relay cable 3 x 14 AWG, SJ00W POWCON-POWCON 2.5m (8.2 ft.): P/N 91610176

### Cables, 16 A, For Power Input

- Power input cable 3 x 2.5 mm<sup>2</sup>, H07RN-F OPEN-POWCON 1.5 m (4.9 ft.): P/N 91611800
- Power input cable 3 x 14 AWG, SJ00W OPEN-POWCON 1.5 m (4.9 ft.): P/N 91610177
- Power input cable 3 x 2.5 mm<sup>2</sup>, H07RN-F OPEN-POWCON 5.0 m (16.4 ft.): P/N 91611801
- Power input cable 3 x 14 AWG, SJ00W OPEN-POWCON 5.0 m (16.4 ft.): P/N 91610178 (H07RN-F are European approved cables, SJ00W are US approved cables)

### Power Connectors

- Power Connector PowerCON Male: P/N 91611795
- Power Connector PowerCON Female: P/N 91611794



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## TECHNICAL SPECIFICATIONS

### PHYSICAL

Dimensions (LxWxH) ..... 900 x 100 x 200 mm (35.4 x 3.9 x 7.9 in.)  
Weight ..... 6.8 kg (15 lbs.)

### DYNAMIC EFFECTS

Dimming ..... 0 – 100%, coarse & fine control  
Shutter ..... Strobe & pulse effects, instant open and blackout  
Color ..... RGBAWUV (6-in-1) color mixing

### CONTROL AND PROGRAMMING

Control system ..... USITT DMX512/1990 with RDM  
DMX channels ..... 13, 80  
RDM compliance ..... ANSI/ESTA E.120  
Interface ..... Control panel with backlit LCD display

### OPTICS

Beam angle ..... 25° (without diffuser),  
33° (with diffuser)  
Field angle ..... 44° (without diffuser),  
63° (with diffuser)

### CONSTRUCTION

Color ..... Black  
Housing ..... Extruded aluminum, thermoplastic end caps  
IP rating ..... IP 20

### INSTALLATION

Mounting points ..... Adjustable bracket, surface or truss mount  
Location ..... Indoor location only  
Orientation ..... Any  
Minimum distance to illuminated surfaces ..... 0.5 m (20 in.)  
Minimum distance to combustible materials ..... 0.1 m (4 in.)

### CONNECTIONS

AC power input/output ..... Neutrik PowerCon  
DMX & RDM 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 250 V 1.0 A  
Maximum total power consumption ..... 148 W  
Typical half-cycle RMS inrush current ..... 9.7 A  
Recommended Miniature Circuit Breaker when power linking\* ..... Type D  
\*Per IEC 60898/UL489/CSA C22.2 No. 5

### TYPICAL POWER AND CURRENT

100 V, 60 Hz ..... 148 W, 1.6 A, PF 0.978  
120 V, 60 Hz ..... 148 W, 1.3 A, PF 0.972  
230 V, 50 Hz ..... 148 W, 0.78 A, PF 0.821

Measurements made at nominal voltage. Figures are typical, not maximum, allow for a deviation of +/- 10%.

### THERMAL

Cooling ..... Convection  
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 55032; EN 55103-1,-2; EN 61000-3-2,-3; EN 61000-4-2, -4, -5; EN 61547  
US safety ..... UL 1573  
US EMC ..... 47 CFR 15 Class A  
Canadian safety ..... CSA C22.2 No. 166  
Canadian EMC ..... ICES-003 Class A  
Australia/NZ ..... RCM (Pending)