



# Maverick Storm 2 BeamWash

A lightweight, IP65-rated BeamWash moving head that delivers arena-scale output with a tight zoom, individual pixel control, and a dynamic RGB outer ring for a vast array of effects. Perfect for large-scale tours, festivals, and arena productions that demand powerful, lightweight, and weather-resistant lighting with dynamic visual capabilities.

- Features nineteen 45 W RGBW LEDs delivering nearly 10,000 lumens of high-impact output.
- A motorized zoom creates tight 3.6° aerial beams or broad 53.4° wash coverage.
- Includes a 12-zone RGB outer ring with a stealth filter for layered visual effects.
- Provides a selectable calibrated white mode at 7500 K and a wide 2700–8000 K CCT range.
- Offers 16-bit dimming, multiple dimming modes, and adjustable PWM for flicker-free operation.
- Dual-mode operation allows separate protocol control for movement and pixel-mapping effects.

## SPECIFICATIONS

### Optical

**Light Source:** 19 LEDs (quad-color RGBW) 45 W (3 A), 50,000 hours life expectancy

**Light Source:** 144 LEDs Outer Ring (tri-color RGB) 0.2 W, (20 mA), 50,000 hours life expectancy.

**Color Temperature (range):** 2700 to 8000 K

**Beam Angle:** 3.6° to 34.5°

**Field Angle:** 5.7° to 47.4°

**Cutoff Angle:** 6.6° to 53.4°

**Zoom Range:** 3.6° to 53.4°

**Lumens – Source:** 15,000

**Lumens – Output:** 9,927

### Illuminance:

**3.6°:** 37,529 lux @ 5 m

**47.4°:** 1,262 lux @ 5 m

**Selectable PWM:** 600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 6000 Hz, 15000 Hz

### Dynamic Effects

**Pan and Tilt:** 540°/260°

**Pan and Tilt Ranges:** 540°, 360°, 180° pan/260°, 180°, 90° tilt

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Strobe Rate:** 0 to 20 Hz

**Standalone Color Mixing:** No

**Color Temperature Presets:** Yes

**Move-in-Black:** Yes

**Dim Curves:** 4

### Construction / Physical

**Dimensions:** 15.28 x 11.42 x 19.72 in (388 x 290 x 501 mm)

**Weight:** 52.4 lb (23.8 kg)

**Exterior Color:** Black

**Housing Material:** Aluminum diecast, High-impact flame-retardant polymer, steel

### Connections

**Power Connection:** Seetronic Powerkon IP65

**Power Input/Output:** Seetronic Powerkon IP65

**Data Connectors:** 5-pin IP rated XLR, Neutrik IP rated RJ45 Connectors in/out

**Cable Length (power):** 5 ft (1.5 m)

### Control

**Control Protocol:** Art-Net, sACN, Kling-Net, RDM, DMX, W-DMX

**DMX Channels (Single Mode):** 33 ch, 145 ch, 265 ch or 327 ch

**Art-Net/sACN Channels (Single Mode):** 3 3ch, 145 ch, 265 ch or 327 ch

**DMX Channels (Dual Mode) (Movement):** 13 ch, 36 ch, 4 7ch

**DMX Channels (Dual Mode) (Pixel):** 93 ch, 112 ch, 224 ch

**Art-Net/sACN Channels (Dual Mode) (Movement):** 13 ch, 36 ch, 47 ch

**Art-Net/sACN/Kling-Net Channels (Dual Mode) (Pixel):** 93 ch, 112 ch, 224 ch

**Modes/Personalities:** 7 personalities (33 ch, 145 ch, 265 ch, 32 7ch, 13ch-93 ch, 36 ch-112 ch, 47 ch-224 ch)

## Electrical

**Input Voltage:** 100 to 240 VAC, 50/60 Hz (auto-ranging)

**Power and Current:** 1080 W, 9.26 A @ 120 V, 60 Hz

**Power and Current:** 1040 W, 5.23 A @ 208 V, 60 Hz

**Power and Current:** 1040 W, 4.65 A @ 230 V, 50 Hz

## Certifications / Qualifications

**Certifications:** CE, MET, FCC, CB, UKCA

**IP Rating:** IP65, temporary outdoor/wet use, with pressure equalizing M12 GORE valve

**Temperature (Ambient):** 4 °F to 113 °F (-20 °C to 45 °C)

## Noise Levels:

**Idle:** 34.9 dB(A) @ 1 m

**Max:** 46.5 dB(A) @ 1 m

**Eco:** 34.2 dB(A) @ 1 m

**Auto:** 44.7 dB(A) @ 1 m

**Full:** 46.7 dB(A) @ 1 m

## Optional Accessories

Clamps

True 1 Cable extensions

Neutrik etherCON cables

5 pin IP DMX Cables

Flight Cases

Upload\_08 software uploader

## What's Included

Maverick Storm 2 BeamWash

Seetronic Powerkon IP65 power cord to bare wire

2 140mm Omega brackets with mounting hardware