



# Maverick Storm 1 Flex

The Maverick Storm 1 Flex is a compact, intensely bright, IP65-rated LED moving head that delivers perfectly even output, versatile beam-to-spot functionality, and a full effects package including gobos, a prism, and animation.

Ideal for tours, festivals, and large-scale productions, this fixture provides lighting designers with a powerful and weather-resistant tool for creating stunning textured looks and solid beams in any environment.

- Features a powerful 520W LED source for intensely bright and even output.
- Offers a full CMY and variable CTO color mixing system for a rich palette.
- Delivers a wide zoom range from 3.1° to 46.6° for flexible beam and spot effects.
- Layers complex visuals using dual gobo wheels and two independent, stackable prisms.
- Creates unique kinetic and textured visuals with a dedicated animation wheel.
- Supports versatile control options including DMX, Art-Net, sACN, and CRMX.

## SPECIFICATIONS

### Optical

**Light Source:** 1 Led, 6595K, up to 50,000 hours life expectancy

**Color Temperature (at full):** 6595 K

**Front lens diameters:** 165 mm

**Lumens:** 33587 lm

### Spot Mode:

**Beam Angle:** 3.1° to 46.6°

**Field Angle:** 4.1° to 57.9°

**Cutoff Angle:** 4.5° to 55.5°

**Zoom Range:** 3.1° to 55.5°

**Illuminance:** (3.1°) 154,697 lux @ 5 m

**Illuminance:** (55.5°) 2,675 lux @ 5 m

### Beam Mode:

**Beam Angle:** 2.6° to 43°

**Field Angle:** 3° to 47.3°

**Cutoff Angle:** 3.4° to 50.7°

**Zoom Range:** 2.6° to 50.7°

**Illuminance:** (2.6°) 17,538 lux @ 15 m

**Illuminance:** (50.7°) 295 lux @ 15 m

### Wash Mode:

**Beam Angle:** 2.8° to 45.8°

**Field Angle:** 3.7° to 53.1°

**Cutoff Angle:** 3.9° to 57°

**Zoom Range:** 2.8° to 57°

**Illuminance:** (2.8°) 146,171lux @5 m

**Illuminance:** (57°) 2478 lux @ 5 m

### Dynamic Effects

**Pan and Tilt:** 540°/270°

**Pan and Tilt Ranges:** 540°, 360°, 180° pan/270°, 180°, 90° tilt

**Colors:** 7 + white, split colors, continuous scroll at variable speeds

**Colors:** CMY + CTO flags

**Gobos (1):** 7+ open (1 empty slot + 6 glass, rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds) and (1) steel dual layer non-removable rotating, continuous scroll at variable speeds)

**Gobos Static:** 10 + open (11 metal), rotating, continuous scroll at variable speeds

**Gobo Size (1):** Gobo Wheel 1 (rotating): 23.9 mm (outside), 20 mm (image), 1.1 mm (max. thickness)

**Animation Wheel:** 1

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Focus:** Motorized

**Frost:** Motorized

**Prism (1):** 6 Facets, motorized, rotating

**Prism (2):** 8 Facets, motorized, rotating

**Move-in-Black:** Yes

**Built in Sky Tracker Mode:** Yes

### Construction / Physical

**Dimensions:** 15.27 x 10.55 x 29 in (388 x 268 x 738 mm)

**Weight:** 63.5lb (28.8 kg)

**Exterior Color:** Black

**Housing Material:** Aluminum die-cast, High-impact flame-retardant polymer, Steel

## Connections

**Power Connection:** Seetronic Powerkon IP65

**Power Input:** Seetronic Powerkon IP65

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

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

**Software Connection:** Type-C USB

## Control

**Control Protocol:** Art-Net, sACN, RDM, DMX, CRMX

**DMX Channels:** 26 or 33

**Art-Net/sACN Channels:** 26 or 33

**Modes/Personalities:** 2 personalities (26, 33)

## Electrical

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

**Power and Current:** 754 W, 6.25 A @ 120 V, 60 Hz

**Power and Current:** 734 W, 3.60 A @ 208 V, 60 Hz

**Power and Current:** 738 W, 3.30 A @ 230 V, 50 Hz

## Certifications / Qualifications

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

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

### Noise Levels:

**Noise Level (Idle):** 29.0 dB(A) @ m

**Noise Level (Auto):** 40.0 dB(A) @ m

**Noise Level (Full):** 51.2 dB(A) @ m

**Noise Level (Eco):** 46.4 dB(A) @ m

**Noise Level (TV25):** 40.7 dB(A) @ m

**Noise Level (TV35):** 40.7 dB(A) @ m

**Noise Level (Max):** 41.0 dB(A) @ m

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

## Optional Accessories

Clamps - CTC-50HC, CTC-50G, CTC-50HCBLK, CTC-50HCN, CTC-50FCNBLK

Rig Link PowerKon IP65 cables

Rig Link etherCON cables

Rig Link 5 Pin DMX Cables

Flight Cases - CP2CASELARGE

## What's Included

Maverick Storm 1 Flex

Seetronic Powerkon IP65 power cord to Edison Plug

(2) 140 Omega brackets with mounting hardware