Maverick Force X Spot

A compact and lightweight LED moving spot that delivers a powerful 17,325-lumen output, a versatile 18:1 zoom, and a comprehensive feature set including CMY color mixing, dual gobo wheels, a five-facet prism, and frost.
Designed as a workhorse for a wide range of short and long throw applications, this fixture is ideal for touring, theatre, corporate events, and broadcast.

- Features a powerful 520W cool white LED engine with a 6462 K color temperature.
- Delivers an expansive 3.5° to 57.7° zoom range for flexible beam shaping.
- Offers a variable CMY system and a color wheel with CRI and CTB filters.
- Includes an iris for precise beam control alongside dual gobo wheels and a prism.
- Supports versatile control via DMX, RDM, sACN, Art-Net, and onboard CRMX.
- Ensures flicker-free on-camera operation with 16-bit dimming and high-speed PWM.

SPECIFICATIONS

Optical

Light Source: 1 LED (CW) 520 W, (4.2 A), 6462 K, 50,000

Color Temperature (at full): 6462 K

Front lens diameters: 145 mm

CRI: 72.2

CQS: 69.6

TLCI: 50

CRI with CRI filter: 90

CQS with CRI filter: 89.8

TLCI with CRI filter: 78

CTB color temperature: 7946K

Beam Angle: 3.5° to 51.3°

Field Angle: 3.7° to 56.3°

Cutoff Angle: 3.9° to 57.7°

Zoom Range: 3.5° to 57.7°

Lumens - Output: 17,325

Illuminance:

Illuminance(3.5°): 93,084 lux @ 5 m
Illuminance (57.7°): 1,135 lux @ 5 m

Selectables PWM: 600Hz, 1500Hz, 2000Hz 65000Hz

Dynamic Effects

Pan and Tilt: 540°/270°

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

Colors: Colors: 7 (Red, Orange, Magenta, CTO 4300K, CTO 3200K, CRI and CTB filters) + white, split colors, continuous scroll at variable speeds

Colors: CMY wheels

Color Macros: # macros

Gobos (1): 7 + open (1 metal + 6 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

Gobos (2): 9+ open (9 metal) continuous scroll at variable speeds

Gobo Size: Gobo Wheel 1 (rotating): 24 mm (outside), 14 mm (image), 1.1 mm (max. thickness)

Dimmer: Electronic

Shutter/Strobo: Electronic

Zoom: Motorized

Focus: Motorized

Frost: Motorized

Iris: Motorized

Prism: 5-facet, motorized, rotating

Strobe Rate: 0 to 25 Hz

Move-in-Black: yes

Dim Curves: 5

Construction / Physical

Dimensions: 14.21 x 9.40 x 25.43 in (361 x 239 x 646 mm)

Weight: 44.2 lbs (20 kg)

Exterior Color: Black

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

Connections

Power Connection: Edison plug to Seetronic Powerkon IP65

Power Input: Seetronic Powerkon IP65

Power Output: Seetronic Powerkon IP65

Data Connectors: 3- and 5-pin IP65 XLR, Seetronic etherCON

Cable Length (signal): 5 ft (1.5 m)

Control

DMX Channels: 22 or 29

Art-Net Channels: 22 or 29

Modoes/Personalities: 2 personalities (22, 29)

Electrical

Input Voltage: 100 a 240 VAC, 50/60 Hz

Power Linking: 2 units @ 120 V; 4 units @ 208 V; 5 units @ 230 V

Power and Current: 554 W, 4.64 A @ 120 V, 60 Hz

Power and Current: 541 W, 2.68 A @ 208 V, 60 Hz

Power and Current: 542 W, 2.44 A @ 230 V, 50 Hz

Battery

Battery type: Lithium Ion (display screen backup)

Rechargable: Yes

Battery Charge Time: 5 hours

Battery Life: 1 hour

Battery Power: 3.7 V, 500 mAh

Certifications / Qualifications

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Noise Levels:

Noise Level (Idle): 33.6 dB(A) @ 1 m

Noise Level (Auto): 36.6 dB(A) @ 1 m

Noise Level (Full): 39.7 dB(A) @ 1 m

Noise Level (ECO): 34.5 dB(A) @ 1 m

Noise Level (TV25): 34.5 dB(A) @ 1 m

Noise Level (TV35): 34.5 dB(A) @ 1 m

Noise Level (max): 42.4 dB(A) @ 1 m

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

Optional Accessories

Clamps
RigLink IP65 powerCON cables
RigLink etherCON cables
DMX cables
Flight Cases
CP Rack
PowerStream 4 IP

What's Included

Maverick Force X Spot
Seetronic Powerkon power cable
Omega brackets with mounting accessories