

SKYWRITER HPX M-30

INFO & SPECIFICATIONS

Top Features



- 30W of balanced, direct-diode RGB power
- Full RGB 1,000+ colors to match and blend perfectly with traditional moving head fixtures
- X-Laser's Mercury control firmware integrated for direct lighting console control using common protocols such as sACN, RDM, Art-Net, etc.
- Instant "gobo"/digital pattern changes and rapid 30K scanners for smooth pattern motion
- 0.1° to 45° zoom range
- Active diagnostic readouts via LCD panel
- X-Laser's no-hassle 2-year warranty

The **X-Laser Skywriter HPX M-30** is designed to deliver robust brightness, control, and value for the largest audiences and venues—indoors or out. With 30W of RGB laser power, this high-performance unit produces stunning laser displays to captivate audiences and leave a lasting impression.

Integrated with **X-Laser Mercury** control, the **Skywriter HPX M-30** works seamlessly with professional lighting consoles via DMX, sACN, or Art-Net, offering master and basic profiles for full customization. It includes over 450 gobos, 11 digital prisms, 50 color macros, and 60 motion macros with variable speed and amplitude for truly versatile visual experiences and creative control.

The system's sealed optical deck and external cooling fans protect against dust, wind, and water, ensuring efficient operation even in challenging environments. Ideal for touring acts, production companies, large venues, and rental houses, the **Skywriter HPX M-30** combines pro-level performance with robust design and efficiency, making it an excellent choice for high-powered professional laser effects.

SKYWRITER HPX M-30**INFO & SPECIFICATIONS****SOURCE**

30W Balanced RGB Laser Engine
Direct-Injection Diode Modules

Red: 638 nm
Green: 520 nm
Blue: 450 nm

8.5W red, 10.0W green, 12.0W blue

PHOTOMETRICS / OPTICS

High-Speed Closed-Loop Galvanometers,
Max Scan Angle 45°
30,000 PPS Scanner Speed at 8° Scan Angle

Beam Divergence: <1.2 mRad

Fully Sealed Optical Deck

ELECTRICAL / THERMAL

90-246V AC Auto-Switching
Power draw: 700W peak
Neutrik PowerCON TRUE1

30° F to 105° F (-1° C to 41° C)

OTHER

FDA / IEC Hazard Class IV
U.S. FDA Variance Required

CONTROL AND INTERFACE

X-Laser Mercury Integrated, 2.25" LCD panel
Fixture profiles for all major console brands

EtherStop Combined Remote Stop
and Control Data in / thru

ILDA in / thru
5-pin DMX in / thru
PowerCON TRUE1 in / thru

COLOR AND EFFECTS

Additive RGB Analog Color Mixing
1,000+ Colors
50 Color Macros
11 Digital Prisms
450+ "Gobos" / Digital Patterns Built-In
60 Motion Macros with variable speed and
amplitude

DIMENSIONS / PHYSICAL / MATERIALS

16.2" L x 14" W x 7.7" H (13.2" H w/ yoke up)
(411 mm x 355 mm x 195 mm; 335mm yoke up)

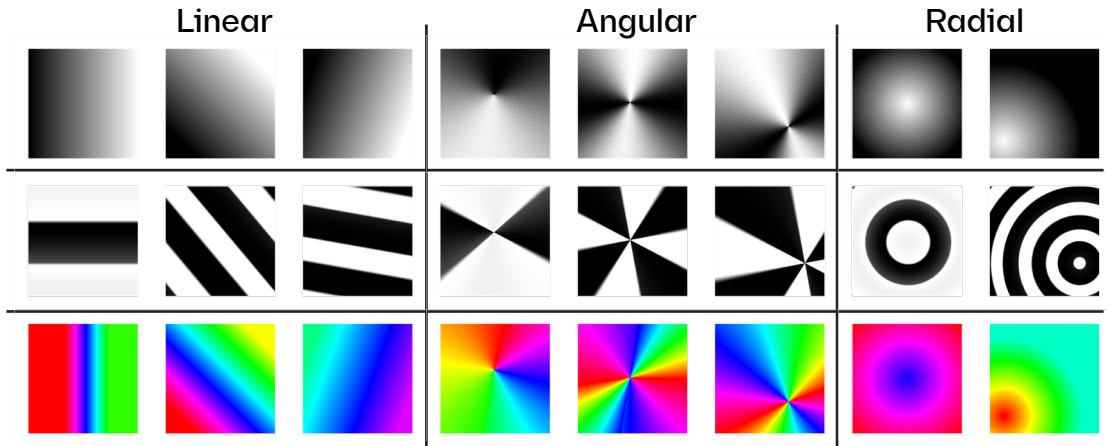
Weight: 46 lbs (20.8 kg)

Rugged 6061 Aluminum Enclosure

IP Rating: IP53

SKYWRITER HPX M-30
MERCURY FEATURES
COLOR CONTROL USING MERCURY
Gradients

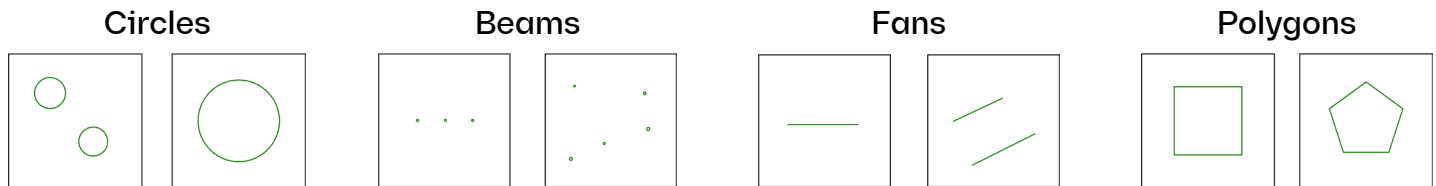
Fade from one RGB color to another, fade distance and offset are controllable


Bands

Alternate between 2 RGB colors, band sizes and transitions are controllable

Rainbows

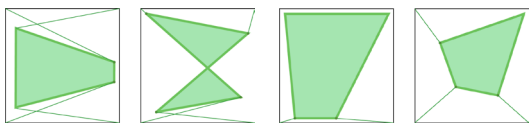
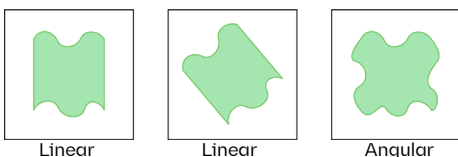
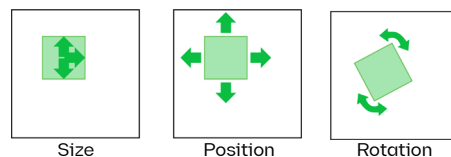
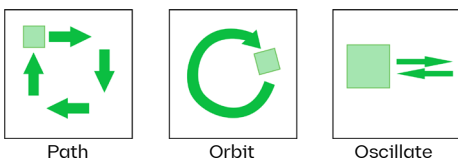
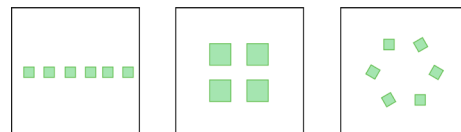
Transition between 2 HSL colors through color wheel; transition offset, size and direction are controllable

BUILT-IN MERCURY PATTERNS (“GOBOS”)


...and dozens more

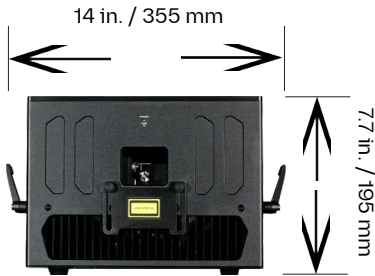
ZONING AND ZONE CORRECTION USING MERCURY

Facilities keystone, skew, offset, inversion and much more using 4 intuitive control points

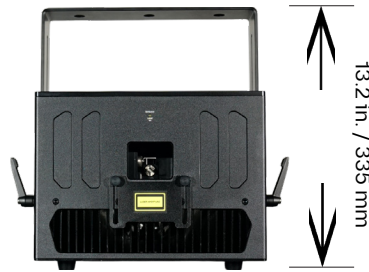

“GOBO” TRANSFORMATIONS AND EFFECTS USING MERCURY
Wave Modulation

Geometric

Motion

Prism


SKYWRITER HPX M-30

UNIT DIMENSIONS



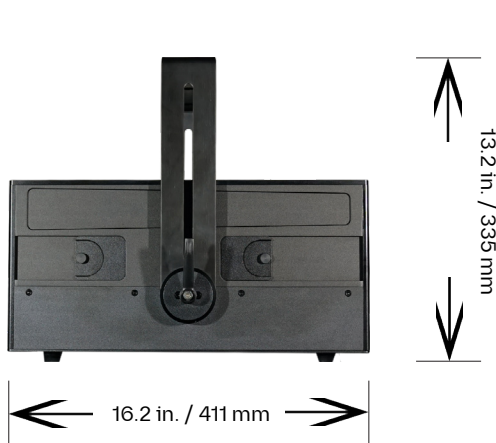
Front, Yoke Back



Front, Yoke Up



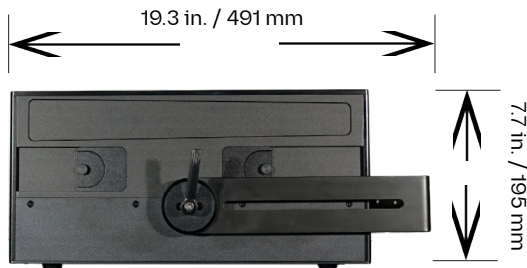
Rear, Yoke Up



Side, Yoke Up



Top/Overhead



Side, Yoke Back