X-LASER

5W Laser Fixture
with Mercury Laser Control

SKYWRITER HPX M-5

INFO & SPECIFICATIONS

Top Features

- 5W 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

Meet the **X-Laser Skywriter HPX M-5**, a 5-watt RGB laser fixture that hits the sweet spot between power, portability, and performance. Designed with midsize production companies in mind, this model delivers premium visual output without bulk or complexity.

Despite its lightweight and user-friendly design, the M-5 packs a balanced RGB engine that produces rich, saturated color and clean low-divergence beams—ideal for both aerial beam effects and eye-catching liquid sky-type atmospheric lighting. Whether it's beams or even occasional graphics displays, the M-5's beams stay tight and precise.

The integrated **Mercury Laser Control System** makes the M-5 fully compatible with all major lighting consoles through DMX, sACN, and Art-Net, giving lighting designers familiar console-style control without adding extra devices or operators. With access to over 450 gobos, 50 color macros, and 60 motion macros, designers can build dynamic, expressive laser shows that complement their broader lighting designs.

Tour after tour, the **Skywriter HPX M-5** has proven itself as a reliable mainstay in lighting rigs. Its durable build, sealed optical deck, and external cooling system ensure consistent performance across stages and environments. Production teams appreciate how quickly it integrates into setups, while its efficiency helps minimize power consumption and transport logistics. For those looking to elevate their lighting with a reliable, cost-effective, and powerful RGB laser, the M-5 offers a professional-grade experience that's both approachable and deeply capable—making it a favorite special effect fixture[ro for mid-tier shows, live events, and installations.

X-Laser USA | 9115H Whiskey Bottom Road | Laurel, MD 20723
866-702-7768 **sales@x-laser.com** www.x-laser.com

Fixture specifications subject to change.

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SOURCE

5W Balanced RGB Laser Engine
Direct-Injection Diode Modules

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

1.8W red, 1.6W green, 2.0W blue

PHOTOMETRICS / OPTICS

High-Speed Closed-Loop Galvanometers,
Max Scan Angle 45°
40,000 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: 200W peak
Neutrik PowerCON

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

PowerCON 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

7.9" L x 9.7" W x 6.6" H (9.7" H w/ yoke up)
(200 mm x 246 mm x 167 mm; 246mm yoke up)

Weight: 11 lbs (5.0 kg)

Rugged 6061 Aluminum Enclosure

IP Rating: IP53

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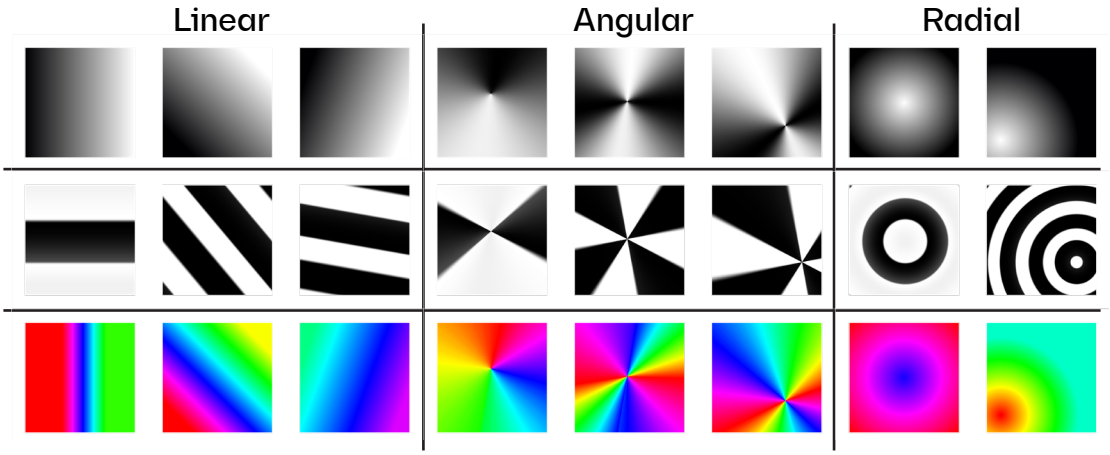
MERCURY FEATURES

COLOR CONTROL USING MERCURY

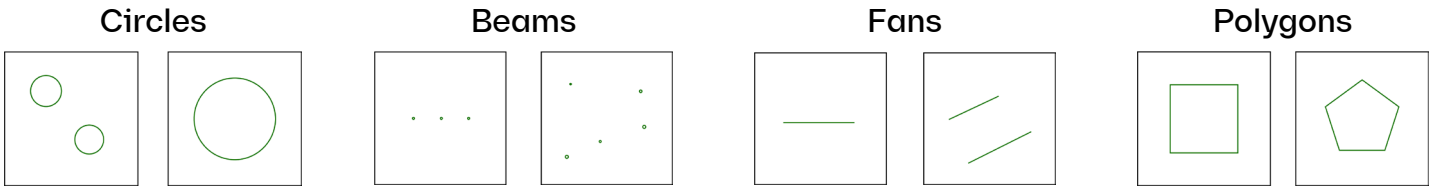
Gradients
Fade from one RGB color to another, fade distance and offset are controllable

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



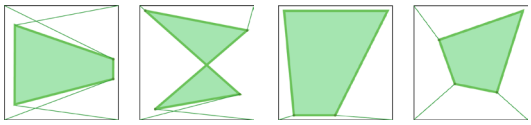
BUILT-IN MERCURY PATTERNS ("GOBOS")



...and dozens more

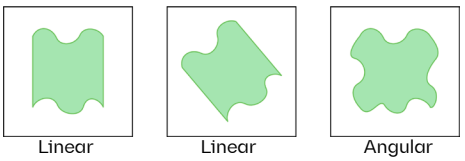
ZONING AND ZONE CORRECTION USING MERCURY

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

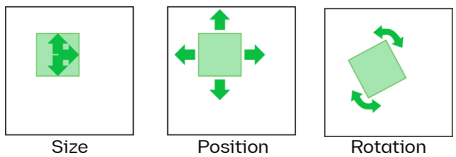


"GOBO" TRANSFORMATIONS AND EFFECTS USING MERCURY

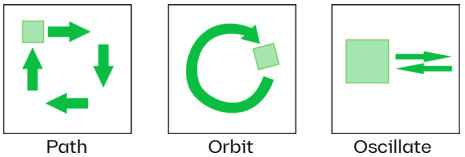
Wave Modulation



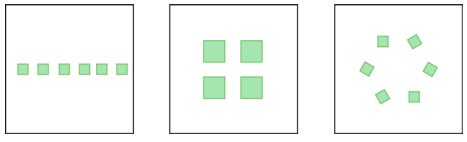
Geometric



Motion



Prism



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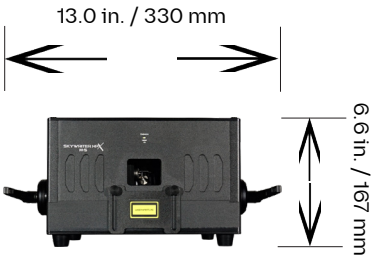
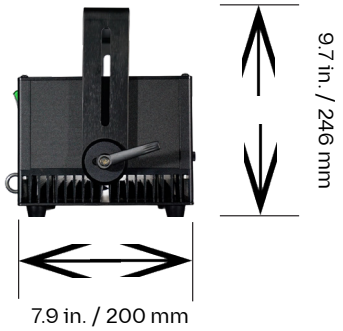
UNIT DIMENSIONS



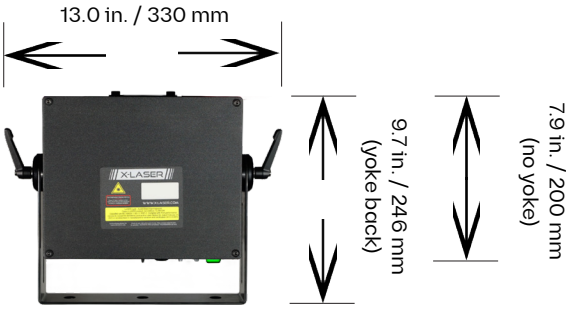
Front, Yoke Back

Front, Yoke Up

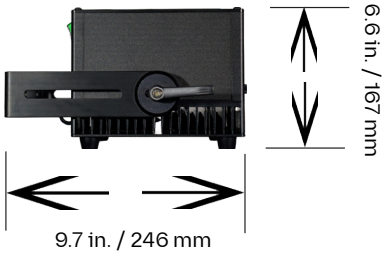
Rear, Yoke Up



Side, Yoke Up



Top/Overhead



Side, Yoke Back

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