M-Vision Laser 18K WUXGA

16,000 ANSI / 18,000 ISO Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) | Part No:118-053

**Key Features**

**Video & Graphics Processing**

- HDMI 1.4b for Side by Side, Frame Packing, Frame Sequential & TopBottom 3D Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources.
- Dual Pipe Processing: Two sources in parallel for Left and Right eyes.
- Synchronisation of active glasses.
- 3G-SDI with loop-through.
- 24p and 1080p native display.

**Geometry Correction**

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens.

**Edge Blending**

- Correction for non-active pixels at the edge of the display.

**Picture in Picture**

- Two sources can be displayed either one within the other (PIP), or side by side, with the original aspect ratios maintained.

**HDBaseT® Interface**

- Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows the projector to be placed up to 100m from source with low cost cabling.

**Colour Processing**
**Powerful seven-point colour correction for accurate colour matching.**

**Projector Controller Software**
- Intuitive user interface for network control.
- Simultaneous control of user-defined groups of projectors.
- At-a-glance monitoring of projector status.

**Projector Automation**
- Real-time clock provides daily on/off automation.

**Installation**
- Integrated stacking mount pins.
- Eye bolts included for easy rigging.

**Source Compatibility:**
3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.
HDMI including Deep Color™ processing.
Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI or DisplayPort.

**Inputs/Outputs**

<table>
<thead>
<tr>
<th>Video &amp; Computer</th>
<th>Communication &amp; Control</th>
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</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Connector</strong></td>
</tr>
<tr>
<td>DisplayPort 1.1a</td>
<td>DisplayPort</td>
</tr>
<tr>
<td>HDMI 1.4a</td>
<td>HDMI</td>
</tr>
<tr>
<td>3G-SDI in</td>
<td>BNC</td>
</tr>
<tr>
<td>3G-SDI out</td>
<td>BNC</td>
</tr>
<tr>
<td>HDBaseT (see LAN)</td>
<td>LAN RJ45</td>
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**NOTE: The HDBaseT and LAN ports are not shared.**

**3D Formats Supported**
- Frame Packing
- Dual Pipe
- Frame Sequential
- Side By Side (half)
- Top and Bottom

**HDTV Formats Supported**
- 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50Hz, 60Hz)

**Computer Compatibility**
- Up to 1920 x 1200

**Bandwidth**
- 165 MHz on analog RGB
- 165 Megapixels per second on HDMI

**Remote Control**
- Addressable IR Remote Control, wireless and wired
- On-Board keypad

**Automation Control**
- Crestron RoomView® Connected
- PJLink Class 1
- LAN
- RS232
- AMX (Device Discovery)
- Served web page

**Colour Temperature**
- 3200K to 9300K

**Lamp Type**
- Laser Light Source

**Typical Lamp Life**
- 20,000 hours

**Lenses**

<table>
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<tr>
<th>Lens</th>
<th>Part No.</th>
<th>Optimised Focus</th>
<th>Lens Shift</th>
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</thead>
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**Lens Mount**

Motorised and programmable shift, zoom and focus.

### Mechanical Mounting

- Front/Rear Table
- Front/Rear Ceiling
- Adjustable Front/Rear Feet

### Orientation

- Table Top or Inverted: Yes
- Pointing Up: Yes
- Pointing Down: Yes
- Roll (Portrait): Yes

### Power Requirements

- 100 - 240VAC 50/60Hz single phase * Note that in 120V operation, the projector will be at 65% brightness

### Thermal Dissipation

- Typical 6482 BTU/Hour @ 220VAC in Normal mode
- Typical 3753 BTU/Hour @ 110VAC in Normal mode

### Fan Noise

- Normal mode: 45 dBA max, 42 dBA typical
- Eco mode: 42 dBA max, 39dBA typical

### Operating/Storage Temperature

- Operating: 0 to 40C (32 to 104F)
- Storage: -20 to 60C (-4 to 140F)

### Weight (Chassis Only)

- 49 kg
- 108 lb

### Dimensions

- H: 24.8 cm W: 53.0 cm L: 69.5 cm
- H: 9.8 in W: 20.9 in L: 27.4 in

### Safety & EMC Regulations

- UL/cUL, CB, CCC, FCC Class A, CE, RoHS 2
- IEC EN 60825-1:2014 Class 1 Laser Product
- IEC 60825-1:2007 Class 3R Laser Product
- IEC EN 62471-5:2015 Risk Group 3

### Accessories

- Infrared Remote (replacement)

### Downloads

- PDF CAD Drawings
- AUTOCAD Drawings
- User Guides
- User Guides German
- User Guides French
- Important Information

* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%.