E-Vision Laser 5000 WUXGA

5,000 ANSI / 5,500 ISO Lumens | Contrast Ratio: 20,000:1 (Dynamic Black) | Part No:118-568

**Colour System:**
Laser Phosphor

**DMD Specification:**
1920 x 1200 pixels native resolution. Fast transit pixels for smooth greyscale and improved contrast.

**Display Type:**
1 x 0.67" DarkChip™ DMD™

**Aspect Ratio:**
16x10

**Fill Factor**

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**Key Features**

**Video & Graphics Processing**
- HDMI 1.4a for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats.
- Synchronisation of active 3D glasses.
- DICOM simulation mode.
- Mobile High-Definition Link (MHL™) connection allows mirrored content from smartphones, tablets and other portable consumer electronics devices.

**Geometry Correction**
- Vertical & Horizontal Keystone correction (2D: Vertical ±30°, Horizontal±30°).
- Four Corner adjustment.
- Selectable 16:9, 4:3, Native, Letterbox and Full Screen aspect ratios.
- Digital Zoom +10--10.

**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 the source with low cost cabling.
- HDBaseT® includes audio, Ethernet 100BaseT and RS232/IR control.

**Colour Processing**
- 2 x speed, 3 Segment (GBY) Phosphor wheel.
- 2 x 120Hz speed, 4 Segment (RGBY) Colour wheel.
- 10-bit colour display.
- 55% of NTSC colour gamut.

**Source Compatibility:**
Graphics standards up to 1920 x 1200 resolution at 60Hz.
Horizontal frequency 15, 31 ~ 102kHz.
Vertical frequency 24 ~ 30Hz, 47 ~ 120Hz.
Inputs/Outputs

<table>
<thead>
<tr>
<th>Video &amp; Computer</th>
<th>Communication &amp; Control</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Connector</strong></td>
</tr>
<tr>
<td>HDMI 1.4a</td>
<td>HDMI</td>
</tr>
<tr>
<td>HDMI 1.4a + MHL</td>
<td>HDMI</td>
</tr>
<tr>
<td>VGA / Analog RGB</td>
<td>15-pin D-Sub</td>
</tr>
<tr>
<td>VGA / Monitor Out</td>
<td>15-pin D-Sub</td>
</tr>
<tr>
<td>Composite Video</td>
<td>RCA</td>
</tr>
<tr>
<td>HDBaseT</td>
<td>8P8C (RJ45)</td>
</tr>
<tr>
<td>USB Type A / (5V/1.5A)</td>
<td>USB Type A</td>
</tr>
</tbody>
</table>

**NOTE:** The USB is to power WHDI™ interfaces.

**Audio:**
- Audio IN L+R: Phono 2
- Audio IN L+R: 3.5 mm jack 1
- Mic IN: 3.5 mm jack 1
- Audio OUT (variable): 3.5 mm jack 1
- Speakers: 5W speaker 2

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

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

**Computer Compatibility**
- VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac

**Remote Control**
- IR remote control, 2 x IR receivers (front sensitivity up to 7m, rear sensitivity up to 10m)

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

**Automation Control**
- LAN control - Crestron RoomView® Connected
- LAN control - Crestron eControl
- LAN control - Extron
- LAN control - AMX SSDP
- LAN control to RS232 by Telnet
- Concurrence Control for RS232/LAN
- HDBaseT communication
- Projector status email alerts

**Colour Temperature**
- Warm / Normal / Cold

**Lamp Type**
- Laser Light Source 20,000 hours

**Lenses**

<table>
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<tr>
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<th>Part No.</th>
<th>Focus Range</th>
<th>Lens Shift</th>
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<tbody>
<tr>
<td>1.15 - 1.90 :1 zoom</td>
<td>N/A</td>
<td>1.5m - 5.0m</td>
<td>Vert: Fixed Offset 0.575 (U) frame + small variable shift. See User manual. Hor: 0.025(L) 0.025 (R) frame</td>
</tr>
</tbody>
</table>

* 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%,

**Lens Mount**
- Manual zoom and focus with horizontal and vertical shift.

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

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### Power Requirements

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Frequency</th>
<th>Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-240VAC</td>
<td>50/60Hz</td>
<td>single phase</td>
</tr>
</tbody>
</table>

### Power Consumption

<table>
<thead>
<tr>
<th>Mode</th>
<th>Normal Mode (100%)</th>
<th>Eco Mode (80%)</th>
<th>Dimmy Mode (40%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>440W @230V</td>
<td>340W @230V</td>
<td>190W @230V</td>
</tr>
<tr>
<td>Power</td>
<td>460W @110V</td>
<td>360W @110V</td>
<td>200W @110V</td>
</tr>
</tbody>
</table>

**Normal Mode (typical):**
- 1570 BTU/Hour @ 110VAC
- 1501 BTU/Hour @ 230VAC

**Eco Mode:**
- 340W @230V
- 360W @110V

**Dimmy Mode:**
- 190W @230V
- 200W @110V

**Standby, LAN enabled Standby, LAN disabled:**
- 150 BTU/Hour @ 230V
- 140 BTU/Hour @ 110V

### Thermal Dissipation

<table>
<thead>
<tr>
<th>Mode</th>
<th>Normal Mode (typical)</th>
<th>Eco Mode Support</th>
<th>Eco Plus Mode</th>
<th>Dimmy Mode</th>
<th>Extreme Dimmy Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTU/Hour</td>
<td>1570 @ 110VAC</td>
<td>34 dB</td>
<td>34 dB</td>
<td>29 dB</td>
<td>29 dB</td>
</tr>
<tr>
<td>BTU/Hour</td>
<td>1501 @ 230VAC</td>
<td>36 dB</td>
<td>34 dB</td>
<td>31 dB</td>
<td>31 dB</td>
</tr>
</tbody>
</table>

### Fan Noise

<table>
<thead>
<tr>
<th>Mode</th>
<th>Normal Mode Typ</th>
<th>Normal Mode Max</th>
<th>Eco Mode Typ</th>
<th>Eco Mode Max</th>
<th>Eco Plus Mode Typ</th>
<th>Eco Plus Mode Max</th>
<th>Dimmy Mode Typ</th>
<th>Dimmy Mode Max</th>
<th>Extreme Dimmy Mode Typ</th>
<th>Extreme Dimmy Mode Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise</td>
<td>36 dBA</td>
<td>38 dBA</td>
<td>34 dBA</td>
<td>36 dBA</td>
<td>34 dBA</td>
<td>36 dBA</td>
<td>29 dBA</td>
<td>31 dBA</td>
<td>29 dBA</td>
<td>31 dBA</td>
</tr>
</tbody>
</table>

### Operating/Storage Temperature

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Operating: 0° to 40°C (32F to 104F)</th>
<th>Storage: -20° to 60°C (-4F to 140F)</th>
<th>Altitude: 2,500ft to 5,500ft at a maximum of 30°C (86F)</th>
<th>Altitude: 5,500ft to 10,000ft at a maximum of 25°C (77F)</th>
</tr>
</thead>
</table>

### Humidity

- 10 to 85% non-condensing

### Weight (Chassis Only)

- 10.7 kg
- 23.6 lb

### Dimensions

- L: 45.0 cm W: 35.0 cm H: 15.1 cm
- L: 17.7 in W: 13.8 in H: 5.9 in

### Safety & EMC Regulations

- UL/cUL, CB, CCC/CECP, FCC Class B, FDA, CE
- IEC 60825-1:2007 3R
- IEC60825-1:2014 Class 1
- IEC EN 62471-5 Risk Group 2

*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

### Downloads

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

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