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E-Vision Laser 5000 WUXGA

5,000 ANSI / 5,500 ISO Lumens | Contrast Ratio: 20,000:1 (Dynamic Black) | Part Number: 118-568

E-VISION LASER 5000 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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Colour System:

Laser Phosphor

Display Type:

1 x 0.67" DarkChip™ DMD™

DMD Specification:

1920 x 1200 pixels native resolution.

Fast transit pixels for smooth greyscale and improved contrast.

Aspect Ratio:

16x10

Fill Factor

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 $\pm 30^\circ$, Horizontal $\pm 30^\circ$).
- 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

Video & Computer

Type	Connector	Qty
HDMI 1.4a	HDMI	2
HDMI 1.4a + MHL	HDMI	1
VGA / Analog RGB	15-pin D-Sub	1
VGA / Monitor Out	15-pin D-Sub	1
Composite Video	RCA	1
HDBaseT	8P8C (RJ45)	1
USB Type A / (5V/1.5A)	USB Type A	1

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

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)

Colour Temperature

Warm / Normal / Cold

Communication & Control

Type	Connector	Qty
LAN	8P8C (RJ45)	1
RS-232C	9-pin D-sub	1
USB (for Service)	Mini B	1
3D Sync Out	VESA 3-PIN mini DIN	1

NOTE: The HDBaseT and LAN ports are not shared.

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

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

Operation



Illumination Type

Laser Light Source

Typical illumination Life

20,000 hours

Lenses

Lens	Part No.	Optimised Focus Range*	Lens Shift
1.15 - 1.90 :1 zoom	N/A	1.5m - 5.0m	Vert: Fixed Offset 0.575 (U) frame + small variable shift. See User manual. Hor: 0.05(L) 0.05 (R) frame

* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details.

Lens Mount

Manual zoom and focus with horizontal and vertical shift.

Mechanical Mounting

Front/Rear
 Front/Rear Ceiling
 Two adjustable front feet, 10° (43mm)
 Ceiling Mount compatible chassis with 7 off M4 mounting holes available, maximum screw length 8mm (0.31")

Power Requirements

100-240VAC 50/60Hz single phase

Thermal Dissipation

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

Operating/Storage Temperature

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

Weight (Chassis Only)

10.7 kg
 23.6 lb

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

Accessories**Accessory**

Infrared Remote (replacement)

Part No.

118-678

Orientation

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

Power Consumption

Normal Mode (100%) 440W @230V 460W @110V
 Eco Mode (80%) 340W @230V 360W @110V
 Dimmy Mode (40%) 190W @230V 200W @110V
 Standby, LAN enabled <2W @230V or 110V
 Standby, LAN disabled <0.5W @230V or 110V

Fan Noise

Normal Mode Typ: 36 dBA / Max: 38 dBA
 Eco Mode Support Typ: 34 dBA / Max: 36 dBA
 Eco Plus Mode Typ: 34 dBA / Max: 36 dBA
 Dimmy Mode Typ: 29 dBA / Max: 31 dBA
 Extreme Dimmy Mode Typ: 29 dBA / Max: 31 dBA

Operating Humidity

10 to 85% non-condensing

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

**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](#)

[Laser Risk Group Document](#)

[Important Information](#)



Certificate Number 13629
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