

E-Vision Laser 5000 WUXGA (Preliminary)

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

E-VISION LASER 5000 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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

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			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
HDMI 1.4a	HDMI	2	LAN	8P8C (RJ45)	1
HDMI 1.4a + MHL	HDMI	1	RS-232C	9-pin D-sub	1
VGA / Analog RGB	15-pin D-Sub	1	USB (for Service)	Mini B	1
VGA / Monitor Out	15-pin D-Sub	1	3D Sync Out	VESA 3-PIN mini	1
Composite Video	RCA	1		DIN	
HDBaseT	8P8C (RJ45)	1	NOTE: The HDBaseT and LAN ports are not shared.		
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			HDTV Formats Supported		
Frame Packing			1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)		
HQFS Frame Sequential					
Side By Side (half)					
Top and Bottom					
Computer Compatibility			Bandwidth		
VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac					
Remote Control			Automation Control		
IR remote control, 2 x IR receivers (front sensitivity up to 7m, rear sensitivity up to 10m)			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			Typical Lamp Life		
Laser Light Source			20,000 hours		
Lenses					
Lens	Part No.	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: 0.025(L) 0.025 (R) frame		
Lens Mount					
Manual zoom and focus with horizontal and vertical shift.					
Mechanical Mounting			Orientation		
Front/Rear			Table Top or Inverted: Yes		
Front/Rear Ceiling			Pointing Up: Yes		
Two adjustable front feet, 10° (43mm)			Pointing Down: Yes		
Ceiling Mount compatible chassis with 7 off M4 mounting holes available, maximum screw length 8mm (0.31")			Roll (Portrait): Yes		
Power Requirements			Power Consumption		

100-240VAC 50/60Hz single phase

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

Thermal Dissipation

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

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/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)

Operating 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

Accessories

Accessory	Part No.
Infrared Remote (replacement)	118-678

**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](#)

[User Guides German](#)

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[Important Information](#)



Certificate Number 13629
ISO 9001

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