

Sharp V731U

Professional Value LCD Laser Installation Projector

Datasheet



Versatile, Value-driven Performance

A highly economical projection solution, the Sharp V Series combines installation flexibility, low maintenance, and long-life laser performance in a compact, cost-efficient design. Using 3LCD technology, it delivers vivid colour and precise white point calibration with 12-bit colour processing for rich saturation and contrast making it suited for education, corporate, leisure, and simulation environments.

Compatible with existing mounts and lenses, the V Series provides a seamless upgrade path from lamp-based or earlier laser models, maximising assets and reducing costs while embracing next-generation efficiencies.

Sharp's ProAssist software enables easy remote setup and adjustment, while advanced features such as geometric correction, edge blending, and wide lens shift support flexible, precise integration.

Benefits

No lamp replacement – up to 20,000 h maintenance free operation possible due to Laser Light Source.

Get Great Performance – while not compromising on quality and ease of use.

Low Noise Level – with 31dB, the silent technology will not disturb your meeting.

Impress with vivid colour & contrast – brilliant white and wide colour space with high dynamic contrast.

Incredible visualisation capabilities – impressive free tilt and portrait installation capability, unique geometric adjustment, tiling and camera based blending.

Product Information

Product Name	Sharp V731U
Product Group	Professional Value LCD Laser Installation Projector
Order Code	60006252 (B), 60006248 (W)

Image

Projection Technology	3LCD Technology			
Native Resolution	1920 x 1200 (WUXGA)			
Aspect Ratio	16:10			
Contrast Ratio	3000000:1			
Brightness	7300 Lm Normal / 7600 Lm Center / 6600 Lm Silent Mode; compliant with ISO21118-2012			
Lamp	Laser Light Source			
Light Source Life [hrs]	20000 ¹			
Lens	5 motorized lens options			
Lense Adjustment	Motorized			
Lens shift	H:±20, V:+50,-10			
Keystone correction	+/- 30° manual horizontal / +/- 30° manual vertical			
Projection Factor	depending on lens selection (std. option XP-41ZL at 1.3-3.02:1)			
Projection Distance [m]	0.7 – 50.9			
Screen Size (diagonal) [cm] / [inch]	Maximum: 1,270 / 500"; Minimum: 101.6 / 40"			
Zoom	Motorized and manual (depending on lens)			
Focus Adjustment	Motorized and manual (depending on lens)			
Supported Resolutions	1080i/50/60; 1080p/50/60; 1280 x 768 (60);	1920 x 1200 (60);	3840 x 2160 (23.8/24/25/29.97/30);	480p/60; 576p/50; 720p/60
Frequency	Horizontal: analog: 0-0 kHz, digital: 15/24-153 kHz; Vertical: 50 – 120 Hz			

Connectivity

Digital	Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP 1.4
Audio	Input: 1 x HDBaseT audio support; 2 x HDMI audio support Output: 1 x 3.5 mm Stereo Mini Jack (variable)
Control	Input: 1 x 3.5 mm Stereo Mini Jack (Wired Remote); 1 x D-Sub 9 pin (RS-232), Ethernet
LAN	1 x RJ45
USB	1 x Type A (USB 2.0 high speed)

Remote Control

Input:	1 x 3.5 mm Stereo Mini Jack
Remote Control	Audio Control; Digital Zoom; Geometric Correction; HDMI; ID Select; ID set; Keystone Correction; Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Shutter function; Source Select; Test Picture; Wired / Wireless Connection; Zoom/Focus and Lens Shift Control

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	434.0 Normal / 403 Silent Mode / 2.0 Network Stand-by / 0.5 Stand-by

Mechanical

Dimensions (W x H x D) [mm]	499 x 164 x 407 (without lens and feet)
Weight [kg]	11.2
Fan Noise [dB (A)]	40 / 31 (Normal / Silent)
Colour Versions	Black; White

Environmental Conditions

Operating Temperature [°C]	0 to 40
Operating Humidity [%]	20 to 80 non-condensing
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	20 to 80 non-condensing

Ergonomics

Safety and Ergonomics	CE; EAC; ErP; RoHS; TUEV Type Approved
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Additional Features

Special Characteristics	AMX Beacon; Cinema Quality Picture (CQP) Processing for best image quality; Control ID Function; Crestron RoomView; DICOM simulation; Direct Power-Off Function; Edge Blending Function; Free Tilt; Geometric Correction; HDBaseT; High Altitude Mode; HTTP Browser Control; Keystone Correction ($H=\pm 30^\circ$, $V=\pm 30^\circ$); LAN control; Lens Memory; Lens Shift (vertical +0.5 max/-0.1 max, horizontal ± 0.2 max.); Light Source Adjustment; Manual Wall Color Correction; NaViSet Administrator 2; Optional User Logo; OSD with 27 languages; Password Security System; PJ LINK; Portrait Setting; Quick On/Off; RS-232 Control; Test Pattern; Up to 20,000 hrs Light Source Life
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Green Features

Energy Efficiency	ECO scheduler; Intelligent power management; Less than 0.3W stand-by power; Longer light source life; Software scheduling; Timer function
Ecological Materials	100% recyclable packaging; Downloadable manuals
Ecological Standards	ErP compliant

Warranty

Projectors	3 years pan-European service
Light Source	3 years or 10000h (whatever comes first)

Shipping Content

Shipping Contents	IR Remote Control (RD-480E); Power Cord; Projector; Quick Setup Guide
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Optional Accessories

Optional Accessories	5 optional bayonet lenses; Air Filter (XP-06FT); Cable Cover (XP-10CV-W, XP-10CV-B); Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF)
Lenses - motorized	XP-40ZL/NP40ZL (0.79-1.11:1); XP-41ZL/NP41ZL (1.3-3.02:1); XP-43ZL/NP43ZL (2.99-5.93:1); XP-44ML-V/NP44ML (0.32:1); XP-50ZL/NP50ZL (0.6-0.75:1)

¹ 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature.

* This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG2 of IEC62471-5 Ed1 2015 (changing to RG3 with the use of NP15ZL, NP43ZL lens.)

DO NOT LOOK DIRECTLY INTO THE BEAM.



RoHS



ErP



CE



TUEV Type Approved

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