

## 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 <sup>1</sup>
Lens	5 motorized lens options
Lens 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; 1920 x 1200 1080p/50/60; (60); 3840 x 2160 1280 x 768 (60); (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 $\pm 0.2$ 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)

<sup>1</sup> 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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