Professional Value LCD Laser Installation Projector

# Sharp V731U

Based on value-driven performance, these laser projectors offer flexible installation options, low power consumption, and a light source life of up to 20,000 hours, helping organizations lower maintenance needs and overall ownership costs. 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.

# Specifications

## Product Information

**Product Name**
Sharp V731U

**Product Group**
Professional Value LCD Laser Installation Projector

**Order Code**
XPV731U (BK), XPV731U-W (WH)

## 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 ISO21118-2020

**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; | 2560p/1080; | 576p/50; |
| 1080p/50/60; | 3840 x 2160 (23.8/ 24/25/29.97/30); | 720p/60 |
| 1280 x 768 (60); | | |
| 1920 x 1200 (60); | 480p/60; | |

**Frequency**
Digital Frequency: Horizontal: 15/24 - 153 kHz; Vertical: 24 - 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 USB A (2A power delivery)

## 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

## Additional Features

Special Characteristics
AMX Beacon; Cinema Quality Picture (CQP) Processing for best image quality; Control ID Function; Crestron Connected; DICOM simulation; Direct Power-Off Function; Edge Blending Function; Free Tilt; Geometric Correction; HDBaseT; High Altitude Mode; HTTP Browser Control; Keystone Correction (H=±30°, V=±30°); 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

## 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 Content
IR Remote Control (RD-480E); Power Cord; Projector; Quick Setup Guide

## 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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