

Professional Value LCD Laser Installation Projector

# Sharp V731U



## 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.

# 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 ISO21118-2012

### Lamp

Laser Light Source

### Light Source Life [hrs]

20000<sup>1</sup>

### 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/	720p/60
1280 x 768 (60);	24/25/29.97/30);	
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

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## Mechanical

### Dimensions (W x H x D) [mm]

499 x 164 x 407 (without lens and feet)

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### Weight [kg]

11.2

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### Fan Noise [dB (A)]

40 / 31 (Normal / Silent)

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### Colour Versions

Black; White

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## Environmental Conditions

### Operating Temperature [°C]

0 to 40

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### Operating Humidity [%]

20 to 80 non-condensing

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### Storage Temperature [°C]

-10 to 50

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### Storage Humidity [%]

20 to 80 non-condensing

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## 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 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

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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

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### Ecological Materials

100% recyclable packaging; Downloadable manuals

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### Ecological Standards

ErP compliant

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## Warranty

### Projectors

3 years pan-European service

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### Light Source

3 years or 10000h (whatever comes first)

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## Shipping Content

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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)

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### 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)

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<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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