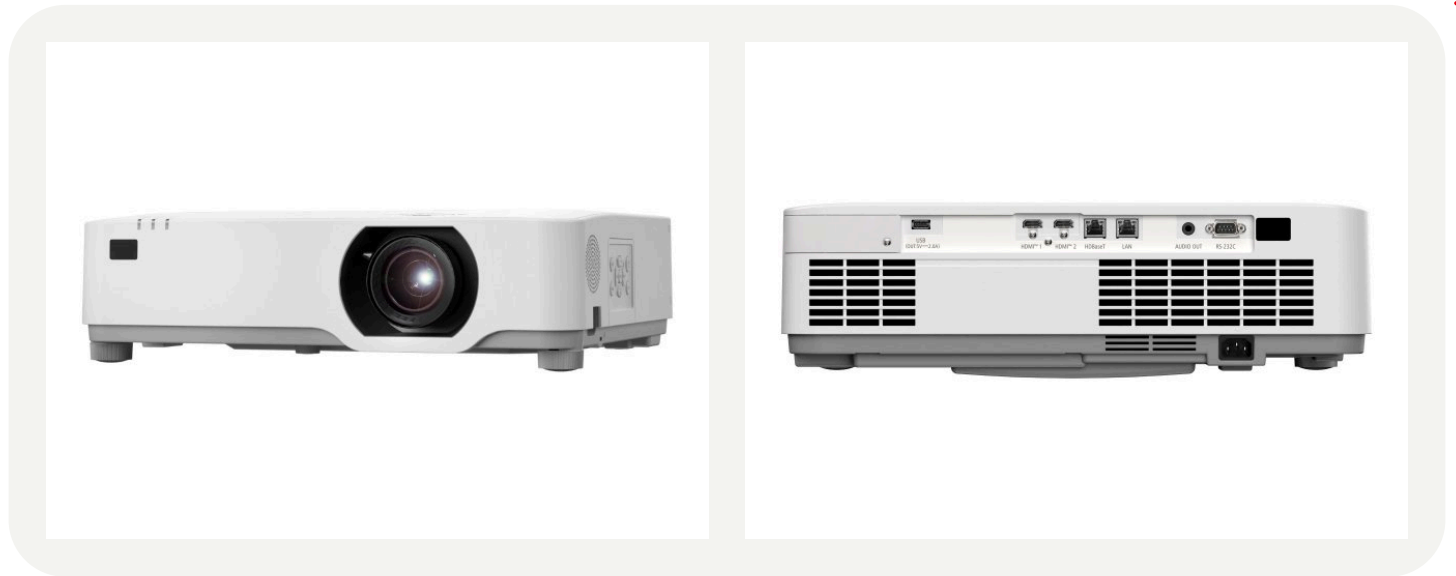


Professional LCD Laser Projector

# Sharp P621U



## Super silent and brilliantly versatile

Quieter than the tick of a watch, the P621U operates unobtrusively, delivering impressive projection performance without any noise distraction. With 6,200 lumens, WUXGA resolution, and 4K@30Hz input support, it produces sharp, detailed visuals with consistent clarity even in well-lit environments. Comprehensive connectivity ensures easy integration into a variety of installation scenarios, including meeting rooms, lecture halls, and immersive exhibitions.

Engineered for long-term reliability, the fully sealed optical LCD laser engine provides up to 20,000 hours of maintenance-free performance. Furthermore, the sealed optical engine, rated IP5X against dust ingress, maintains stable image quality and sustained brightness over time. With no lamps nor filters to replace, and low power consumption, the P621U combines dependable performance with low operating costs. Risk Group 2 compliance allows for safe operation without prescribed safety precautions, making it a practical choice for professional settings where dependable image quality and quiet performance are priorities.

## Benefits

**No filter service required** – a completely sealed optical laser LCD engine allows a filter-free design. Brilliant colour brightness is maintained and servicing costs need no longer feature in your budget.

**Low Noise Level** – with 22dB, the silent technology will not disturb your meeting.

**Future-proof input management** – thanks to 4K@30 Hz input processing.

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

**Risk Group 2** – because of the Risk Group 2 compliance, no prescribed safety precautions are necessary.

# Specifications

## Product Information

### Product Name

Sharp P621U

### Product Group

Professional LCD Laser Projector

### Order Code

XPP621U

## Image

### Projection Technology

3LCD Technology

### Native Resolution

1920 x 1200  
(WUXGA)

### Aspect Ratio

16:10

### Contrast Ratio

3000000:1

### Brightness

6200 Lm Normal / 6500 Lm Center / 5500 Lm Silent Mode;  
compliant with ISO21118-2020

### Lamp

Laser Light Source

### Light Source Life [hrs]

20000<sup>1</sup>

### Lens

F= 1.6-2, f= 15.3-24.6 mm

### Lens shift

H:±20, V:+44,-0

### Keystone Correction

+/- 30° manual horizontal / +/- 30° manual vertical

### Projection Factor

1.08 – 1.76 : 1

### Projection Distance [m]

0.8 – 12.9

### Screen Size (diagonal) [cm] / [inch]

Maximum: 762 / 300"; Minimum: 76.2 / 30"

## Zoom

Manual; x1.6

## Focus Adjustment

Manual

## Supported Resolutions

1080i/60; 1280 x 800 (60); 3840 x 2160 (30)  
1080p/60; 1920 x 1200 (60);

## Connectivity

### Digital

Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP

### Audio

Output: 1 x 3.5 mm Stereo Mini Jack (variable)

### Control

Input: 1 x D-Sub 9 pin (RS-232) (male)

### LAN

1 x RJ45

### USB

1 x Type B (for Service); 1x Type A (USB 2.0 high speed) with 2.0A Power Supply

## Remote Control

### Remote Control

Aspect Ratio; Audio Control; Auto Adjust; Eco Mode Control;  
Freeze-function; ID set; Keystone Correction; Magnify-function;  
Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF);  
Select (up, down, left, right); Source Select

## Electrical

### Power Supply

100-240 V AC; 50 - 60 Hz

### Power Consumption [W]

310 Normal / 280 Silent Mode / 1 Network Stand-by / 0.4 Stand-by

## Mechanical

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

480 x 122 x 407 (without lens and feet)

### Weight [kg]

9.7

### Fan Noise [dB (A)]

29 / 22 (Normal / Silent)

## Colour Versions

White

## Environmental Conditions

### Operating Temperature [°C]

5 to 40

### Operating Humidity [%]

20 to 80

### Storage Temperature [°C]

-10 to 50

### Storage Humidity [%]

20 to 80

## Ergonomics

### Safety and Ergonomics

CE; ErP; RoHS; TUEV Type Approved

### Speakers [W]

1 x 20 (mono)

## Additional Features

### Special Characteristics

AMX Beacon; Auto Power ON/OFF; Carbon Savings Meter; Constant Brightness Mode; Control ID Function; Crestron Connected; DICOM simulation; Direct Power-Off Function; Free Tilt; HDBaseT; Help Function; HTTP Browser Control; Kensington security slot; Keypad Lock; Light Source Adjustment; Magnify; NaViSet Administrator 2; Optional User Logo; OSD with 25 languages; Password Security System; PJ LINK; Portrait Setting; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer

## Green Features

### Ecological Materials

Downloadable manuals; ECO packaging

### Ecological Standards

ErP compliant; RoHS compliant

## Warranty

### Projectors

3 years pan-European service

### Light Source

3 years or 10000h (whatever comes first)

## Shipping Content

### Shipping Content

2x AAA Batteries; IR Remote Control (477E); Lens Cap; Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software

## Optional Accessories

### Optional Accessories

Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF)

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



ErP



TUEV Type Approved



RoHS



CE

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