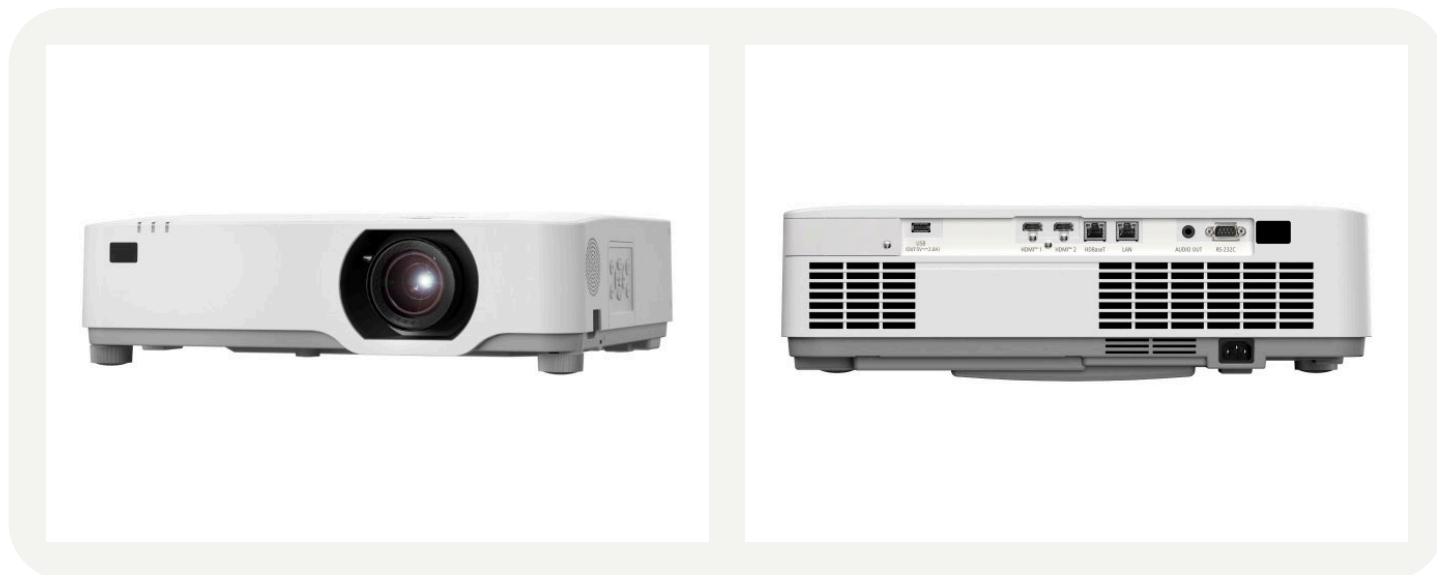


# Preliminary Datasheet

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. 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

60006201

## 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

Auto Power ON/OFF; Carbon Savings Meter; Constant Brightness Mode; Control ID Function; 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; 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 Contents

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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