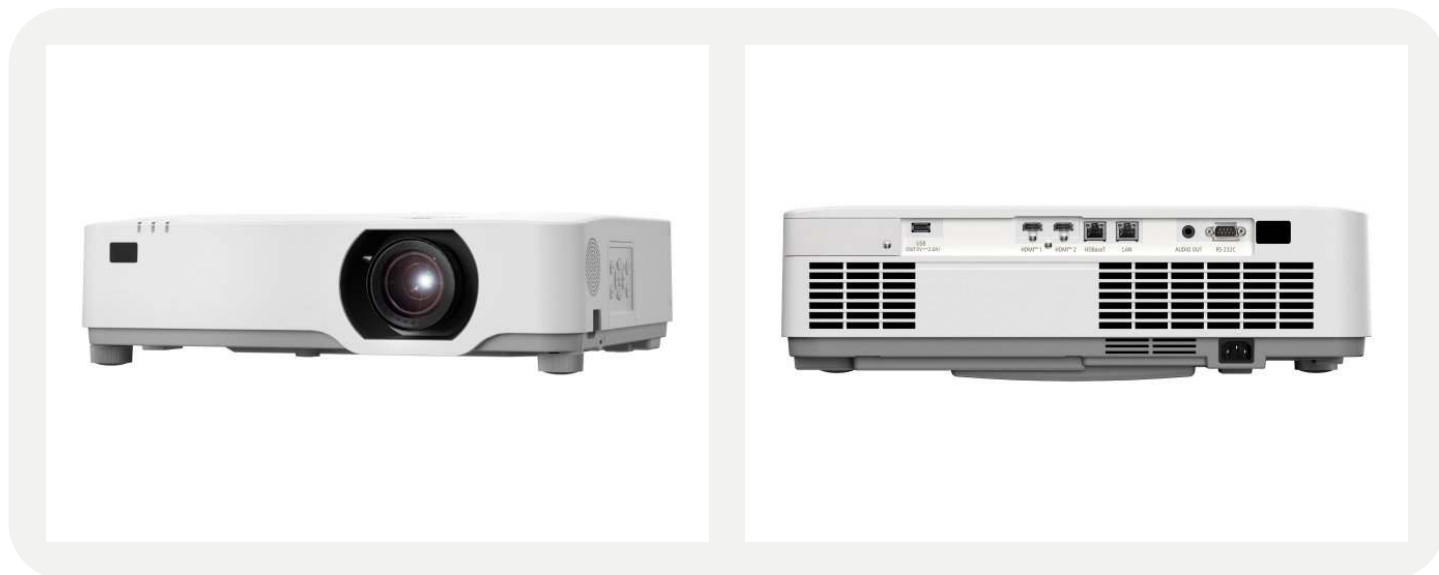


Preliminary Datasheet

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 Lumen (approx. 60% in Eco Mode); compliant with ISO21118-2020

Lamp

Laser Light Source

Light Source Life [hrs]

20000¹

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

1920x1200 (Maximum resolution of analog input);	3840 x 2160 (Maximum resolution of digital input);	3840x2160 @ 30hz digital
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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

Video Signals

NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

Remote Control

Remote Control

Aspect Ratio; Audio Control; Auto Adjust; Eco Mode Control; Freeze-function; Help-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]

318 (Normal) / 237 (Eco) / 1.6 (Network Stand-by) / 0.3 (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)]

22 / 27 (Eco / Normal)

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; EAC; 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; 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 30 languages; Password Security System; Portrait Setting; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer; Virtual Remote for direct PC control

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)

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



ErP



TUEV Type Approved



RoHS



CE

All specifications are subject to change without notice. Errors and omissions are excepted. 26.11.2025