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.

SHARP

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 [1]

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 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