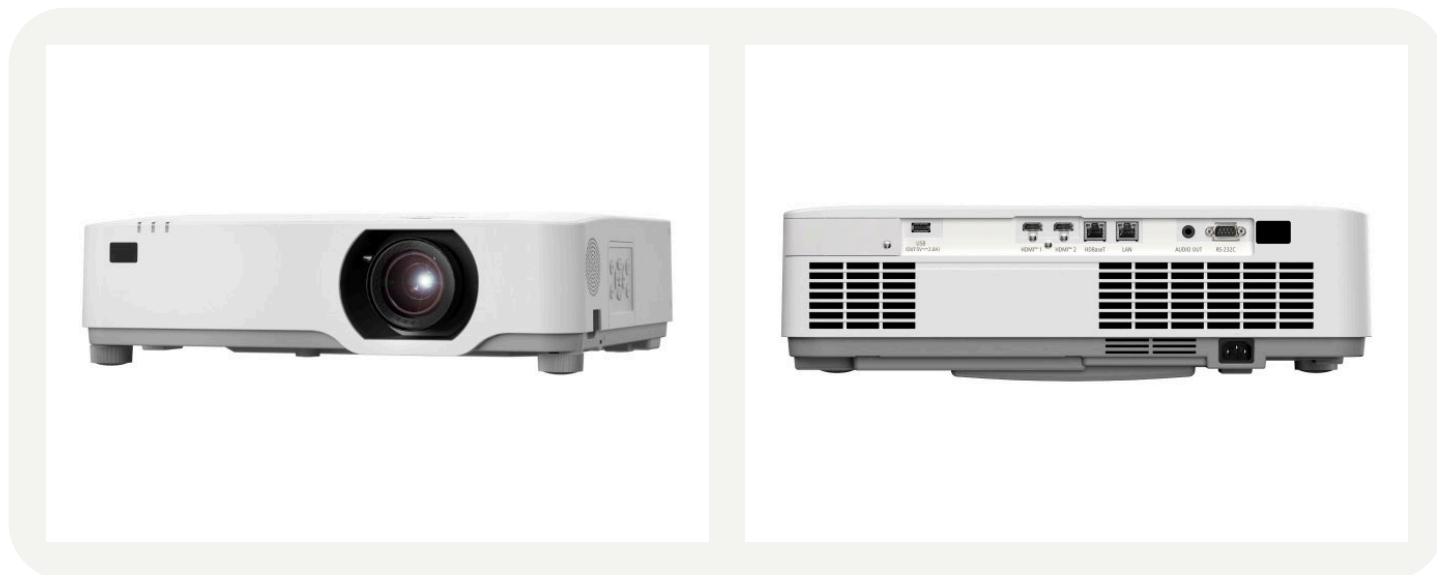


# Preliminary Datasheet

Professional LCD Laser Projector

## Sharp P701U



### Super silent and brilliantly versatile

Quieter than the tick of a watch, the P701U operates unobtrusively, delivering impressive projection performance without any noise distraction. With 7,000 ANSI 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 P701U 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 P701U

### Product Group

Professional LCD Laser Projector

### Order Code

60006202

## Image

### Projection Technology

3LCD Technology

### Native Resolution

1920 x 1200  
(WUXGA)

### Aspect Ratio

16:10

### Contrast Ratio

3000000:1

### Brightness

7000 Lumen (approx. 60% in Eco 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

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)

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



CE



TUEV Type Approved



RoHS



ErP

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