

Professional DLP 4K UHD Laser Projector

Sharp P721Q



Sharp P721Q 4K UHD projector

Featuring crisp pixel-free 4K UHD image resolution and brightness of 7,200 lumen, the Sharp P721Q laser projector delivers exceptional image quality in perfect detail-rich clarity. Built on our legacy of quality and projection expertise, the new Sharp-branded DLP projection family is redefining large surface visual experiences in meeting rooms, museums, and higher education establishments.

Requiring zero maintenance over a long 20,000-hour lifespan, the sealed optical engine and laser light source means filter and lamp replacement are obsolete. Professional installation capabilities achieve the finest image alignment through motorized zoom and focus, complemented by a fully motorized lens shift for precision and clarity. Highly versatile, it's easy to position the projector, simplifying installations and potentially reducing setup costs. With Risk Group 2 compliance, the new models eliminate the need for prescribed safety precautions, ensuring a safe and worry-free operating environment.

Benefits

Outstanding picture quality – a whole new visualization experience with up to 4K UHD pixel-free resolution for large surface detail-rich information

IP5X rated optical engine – protects against dust ingress for long lasting picture quality

Advanced Colour Sequence Management – eliminates the colour breaking phenomena

Professional and Flexible Installation – versatile projection characteristics allow for simple positioning of the projector, making installation easy and potentially saving set up costs.

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

Specifications

Product Information

Product Name

Sharp P721Q

Product Group

Professional DLP 4K UHD Laser Projector

Order Code

XPP721Q-W

Image

Projection Technology

1-chip DLP™ Technology

Panel Resolution

1920 x 1080 (FHD)

Resolution

3840 x 2160 (4K UHD)

Aspect Ratio

16:9

Contrast Ratio

3000000:1

Brightness

7200 Lumen (approx. 60% in Eco Mode); compliant with ISO21118-2020

Lamp

Laser Light Source

Light Source Life [hrs]

20000¹

Lens

F= 2-2.4, f= 18.72-29.59 mm

Lense Adjustment

Motorized

Lens shift

H:±25, V:+55,-55

Keystone Correction

+/- 40° manual horizontal / +/- 40° manual vertical

Projection Factor

1.25 – 2 : 1

Projection Distance [m]

1.6 – 13.4

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

Maximum: 762 / 300"; Minimum: 152 / 60"

Zoom

Motorized; x1.6

Focus Adjustment

Motorized

Supported Resolutions

3840 x 2160
(Maximum resolution of digital input)

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 1.5A Power Supply

Video Signals

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

Remote Control

Output

1 x 3.5 mm Stereo Mini Jack for Screen Trigger

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); Presentation and Mouse Control; Select (up, down, left, right); Source Select

Electrical

Power Supply

100-240 V AC; 50 - 60 Hz

Power Consumption [W]

520 (Normal) / 280 (Eco) / 2 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]

486 x 176 x 432.5 (without lens and feet)

Weight [kg]

14.7

Fan Noise [dB (A)]

34 / 36 (Eco / Normal)

Colour Versions

White

Environmental Conditions

Operating Temperature [°C]

0 to 45

Operating Humidity [%]

10 to 85

Storage Temperature [°C]

-10 to 60

Storage Humidity [%]

20 to 80

Ergonomics

Safety and Ergonomics

CE; EAC; ErP; RoHS; TUEV Type Approved

Speakers [W]

2 x 10 (mono)

Additional Features

Special Characteristics

3D ready; AMX Beacon; Auto Power ON/OFF; Carbon Savings Meter; Constant Brightness Mode; Control ID Function; Crestron RoomView; DICOM simulation; Free Tilt; Geometric Correction; HDBaseT; Help Function; HTTP Browser Control; IP5X/IP6X rated; Kensington security slot; Keypad Lock; Lens Memory; Light Source Adjustment; Magnify; NaViSet Administrator 2; OSD with 21 languages; Password Security System; PJ LINK; Portrait Setting; Quick Start; Sealed engine; 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 (RRMCG0002VW01); Power Cord (3 m); Projector; Quick Setup Guide; Security Sticker

Optional Accessories

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Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF)

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

* This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG2 of IEC62471-5 Ed1 2015. DO NOT LOOK DIRECTLY INTO THE BEAM.



CE



ErP



RoHS



TUEV Type Approved

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