

Professional 4K+ 1DLP Laser Projector

Sharp X141Q



Extreme efficiency in the sharpest detail

Projecting the sharpest detail and most life-like colours, the 4K+ X141Q laser phosphor projector features new HEP DMD technology for enhanced contrast and remarkably efficient performance.

RB laser technology is highly efficient in producing the most intensely natural tones, minimising power consumption whilst delivering brilliant colours at high brightness levels. Long lasting imaging performance is safeguarded against dust contamination with an IP6X rated sealed light engine, also minimising maintenance requirements.

Compact and light weight, yet this impressive projector delivers all the professional functionality for easy installation and precision setup. For higher education, museums and conferencing, the X141Q offers reliable long-life performance at an impressively low total cost of ownership.

Benefits

Finest detail – crisp 4K+ resolution achieves perfect image clarity for easy viewing of very detailed content

Superb image quality – producing vivid reds, the RB laser light source delivers excellent colour performance, projecting images that are remarkably lifelike

IP6X rated optical engine – protects against dust ingress for long lasting picture quality

Designed for efficiency – the small footprint defies the high brightness delivery at low energy consumption

Specifications

Product Information

Product Name

Sharp X141Q

Product Group

Professional 4K+ 1DLP Laser Projector

Order Code

XP141Q (BK), XP141Q-W (WH)

Image

Projection Technology

1-chip DLP™ Technology

Panel Resolution

1920 x 1200
(WUXGA)

Resolution

3840 x 2400 (4K+)

Aspect Ratio

16:10

Contrast Ratio

3000000:1 (with dynamic contrast)

Brightness

13500 Lumen, with std. optional lens

Lamp

Laser Light Source

Light Source Life [hrs]

20000¹

Lens

6 motorized lens options

Lense Adjustment

Motorized

Lens shift

Up to H:±0.2, V:+0.6,-0.6

Keystone Correction

+/- 36° manual horizontal / +/- 36° manual vertical

Projection Factor

depending on lens selection

Projection Distance [m]

0.86 – 43.2

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

Maximum: 1,270 / 500"; Minimum: 100 / 40"

Zoom

Motorized

Focus Adjustment

Motorized

Supported Resolutions

1080i/50/60;	2048 x 1080 (2k);	576i/50;
1080p/24/25/30/50/60;	3840 x 2160 (4KUHD);	576p/50;
1920x1200 (WUXGA) - 640x480 (VGA);	3840 x 2400 (4K+);	720p/50;
	480i/50;	720p/60
	480p/60;	

Connectivity

Digital

Input: 1 x 12G-SDI; 1 x HDBaseT; 2 x DisplayPort supporting HDCP; 2 x HDMI™ supporting HDCP
Output: 1 x 12G-SDI

Control

Input: 1 x D-Sub 9 pin (RS-232) (male); 1 x Screen Trigger

LAN

1 x RJ45

USB

1 x USB A (2A power delivery)

Video Signals

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

Remote Control

Input

1 x 3.5 mm Stereo Mini Jack

Remote Control

Auto Adjust; AV Mute; Direct Source Select; Eco Mode Control; Freeze-function; Full Lense control; Geometric Correction; ID Select; Input Control; Magnify-function; On Screen On/Off Selection; Picture Adjust; Power (On-OFF); Select (up, down, left, right); Shutter function; Test Picture; Wired / Wireless Connection

Electrical

Power Supply

100-240 V AC; 50 - 60 Hz

Power Consumption [W]

1,080 (Normal) / 980 (Eco) / 3 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]

500 x 216 x 577 (without lens and feet)

Weight [kg]

29.4

Fan Noise [dB (A)]

35 / 37 (Eco / Normal)

Colour Versions

Black; White

Environmental Conditions

Operating Temperature [°C]

5 to 45

Operating Humidity [%]

0 to 80

Storage Temperature [°C]

-10 to 60

Storage Humidity [%]

0 to 90

Ergonomics

Safety and Ergonomics

CE; ErP; RoHS; TUEV Type Approved

Additional Features

Special Characteristics

4K/60Hz interfaces; AMX Beacon; Built-in Display/Multiscreen Splitter; Cinema Quality Picture (CQP) Processing for best image quality; Constant Brightness Mode; Crestron Connected; DICOM simulation; Digital 3D Reform™; Direct Power-Off Function; Edge Blending Function; Edge Blending Function (Build In); Free Tilt; Geometric Correction; HDBaseT; IP5X/IP6X rated; LAN; Lens Memory; Light Source Adjustment; Manual Wall Color Correction; Multi-Screen compensation mode; NaViSet Administrator 2; OPS module support; Optional User Logo; OSD with 27 languages; Password Security System; PIP/Side by Side, HDMI - Input; PJ LINK; Portrait Setting; RS-232 Control; Sealed engine; Stacking Function; Timer-Function; Virtual Remote for direct PC control

Green Features

Energy Efficiency

Laser light source

Ecological Materials

100% recyclable packaging; Downloadable manuals

Ecological Standards

ErP compliant

Warranty

Projectors

3 years pan-European service

Light Source

3 years or 10000h (whatever comes first)

Shipping Content

Shipping Content

IR Remote Control (RD - 480E); Power Cord; Projector; Quick Setup Guide

Optional Accessories

Optional Accessories

Universal Ceiling Mounts (PJ02CMPX, PJ02UCMPF)

Lenses

XP-57UL (0.31-0.33:1); XP-58ZL (0.55-0.75:1); XP-59ZL (0.74-1.08:1); XP-60ZL (1.05-1.41:1); XP-61ZL (1.4-2.11:1); XP-62ZL (2.1-4:1)

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 (changing to RG3 with the use of XP-62ZL lens.)
DO NOT LOOK DIRECTLY INTO THE BEAM.



TUEV Type Approved



ErP



CE



RoHS

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