Sharp X141Q
Professional 4K+ 1DLP Laser Projector

Datasheet

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

Product Information

Product Name	Sharp X141Q
Product Group	Professional 4K+ 1DLP Laser Projector
Order Code	60006069 (B), 60006145 (W)

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 lense			
Lamp	Laser Light Source			
Light Source Life [hrs]	20000 [1]			
Lens	6 motorized lens options			
Lense Adjustment	Motorized			
Lens shift	H:-0.2,+0.2, V:-0.5,+0.5			
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; 1080p/24/25/30/50/60; 1920x1200 (WUXGA) - 640x480 (VGA);	2048 x 1080 (2k); 3840 x 2160 (4KUHD); 3840 x 2400 (4K+);	480i/50; 480p/60; 576i/50; 576p/50; 720p/50;	720p/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; 1 x HDMI supporting HDCP
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]	1,000 (Normal) / 900 (Eco) / 3 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	500 x 211 x 577 (without lens and feet)
Weight [kg]	28
Fan Noise [dB (A)]	37 / 35 (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 RoomView; 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 Contents	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