Professional LCD Laser Projector

Sharp E501U

High Brightness, Low Cost

For outstanding projection performance at an impressively low total cost of ownership, the Sharp E501U appeals to cost-conscious users who demand professional reliability. Delivering 5,000 lumens of brightness and the vivid colour reproduction of 3LCD technology, this compact WUXGA laser projector packs a powerful punch while weighing just 5kg.

Designed for versatility, the E501U offers flexible installation options and a long operational life, making it a natural fit for classrooms, training facilities, and meeting rooms. Combining high performance, low maintenance, and exceptional value, it's the smart choice for any budget-aware installation.

Benefits

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

Enjoy a Lower TCO – highest reliability, maintenance free operation, low power consumption and up to 20000 hours life; the Laser light source results in a significantly lower total cost of ownership.

Risk Group 2 – because of the Risk Group 2 compliance, no prescribed safety precautions are necessary.

Cost Saving Device Management – save effort whilst administrating all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Specifications

Product Information

Product Name
Sharp E501U

Product Group
Professional LCD Laser Projector

Order Code
XPE501U

Image

Projection Technology
3LCD Technology

Native Resolution
1920 x 1200
(WUXGA)

Aspect Ratio
16:10

Contrast Ratio
5000000:1

Brightness
5000 Lm Normal / 5300 Lm Center / 4000 Lm Silent Mode; compliant with ISO21118-2020

Lamp
Laser Light Source

Light Source Life [hrs]
20000 [1]

Lens
F= 1.6–1.76, f= 19.16–23.02 mm

Keystone Correction
+/- 30° manual horizontal / +/- 30° manual vertical

Projection Factor
1.37 – 1.65 : 1

Projection Distance [m]
0.85 – 11

Screen Size (diagonal) [cm] / [inch]
Maximum: 762 / 300"; Minimum: 76.2 / 30"

Zoom
Manual; x1.2

Focus Adjustment
Manual

Supported Resolutions

1080i/60;	1280 x 800 (60);	3840 x 2160 (30)
1080p/60;	1920 x 1200 (60);	

Connectivity

Digital
Input: 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

Remote Control

Remote Control
Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Eco Mode Control; Freeze; 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; Test Picture

Electrical

Power Supply
100-240 V AC; 50 - 60 Hz

Power Consumption [W]
310 Normal / 250 Silent Mode / 1 Network Stand-by / 0.4 Stand-by

Mechanical

Dimensions (W x H x D) [mm]
390 x 128 x 294 (without lens and feet)

Weight [kg]
5

Fan Noise [dB (A)]
39 / 29 (Normal / Silent)

Colour Versions
White

Environmental Conditions

Operating Temperature [°C]
5 to 45

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 16 (mono)

Additional Features

Special Characteristics
Carbon Savings Meter; Control ID Function; Crestron RoomView; DICOM simulation; Free Tilt; Geometric Correction; 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

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 (477E); Power Cord (3 m); Projector; Quick Setup Guide; Security Sticker; Users Manual

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.

CE RoHS TUEV Type Approved ErP

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