Laser Projector - 4K+ 1 DLP - Installation

# Sharp A201U



## High brightness with extreme efficiency

- No lamp replacement up to 25,000 h maintenance free operation possible due to Laser Light Source.
- No filter service required the enhanced sealed optical laser LCD engine allows a filter-free design, IP5X rated against dust ingress. Brilliant colour brightness is maintained and servicing costs need no longer feature in your budget
- Compact design a large venue projector with a comparatively small footprint and light weight design.
- Impress with vivid colour & contrast brilliant white and wide colour space with high dynamic contrast supporting HDR10 standard via HDMI interface.
- Incredible visualisation capabilities impressive free tilt and portrait installation capability, unique geometric adjustment, tiling and camera based blending.

# Options

## IoT and Asset Management

**NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices**
Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

## Warranty Extensions

**Warranty Extension for Laser Projectors Optional Warranty Extension (4th to 5th year) for dedicated Sharp Laser Projectors**
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Laser Projectors

## Calilbration and Adjustment

**ProAssist Generate perfectly homogeneous digital canvases from multiple projection installations**
Generate perfectly homogeneous digital canvases from multiple projection installations.

## Image Control and Connectivity

**Hiperwall Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions**
Innovative software- and IP-based solution to create reliable and flexible video wall solutions that can display data and video images from different sources at unequaled high resolutions.

## Value Added Services

**Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products**
Optional Laser Branding Service for dedicated Sharp Display Products

**Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products**
Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

## Lenses

**NP51ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**NP52ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**NP53ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**NP54ZL Standard zoom lens for dedicated A and PA series projectors**
Standard zoom lens for dedicated A and PA series projectors.

**NP55ZL Long zoom lens for dedicated A and PA series projectors**
Long zoom lens for dedicated A and PA series projectors.

**NP56ZL Long zoom lens for dedicated A and PA series projectors**
Long zoom lens for dedicated A and PA series projectors.

**XP-51ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**XP-52ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**XP-53ZL Short zoom lens for dedicated A and PA series projectors**
Short zoom lens for dedicated A and PA series projectors.

**XP-54ZL Standard zoom lens for dedicated A and PA series projectors**
Standard zoom lens for dedicated A and PA series projectors.

**XP-55ZL Long zoom lens for certain Sharp A series and NEC PA series projectors**
Long zoom lens for certain Sharp A series and NEC PA series projectors.

**XP-56ZL Long zoom lens for dedicated A and PA series projectors**
Long zoom lens for dedicated A and PA series projectors.

# Specifications

## General

| | |
|---|---|
| Series | [sharp-a-series] |
| Order Code | XPA201U |

## Image

| | |
|---|---|
| Aspect Ratio | 16:10 |
| Brightness Centre (lm) | 21000 |
| Compliant with ISO21118-2020 | Yes |
| Contrast Ratio | [30000001] |
| Projection Technology | 3LCD Technology |
| Focus Adjustment | Motorized |
| Frequency Horizontal Digital (kHz) | 15/24-100 |
| Frequency Vertical (Hz) | 24.0-120.0 |
| Light Source Life Normal Mode (hrs) | 25000 |
| [AVProjectorSpecificationLensOptions] | 6 motorized lens options |
| Lens Adjustment | Motorized |
| Lens Shift Up To H/V (3 values) | Up to H:±25.0, V:+65.0,-65.0 |
| Panel Resolution | 1920 x 1200 (WUXGA) |
| Projection Distance Minimum (m) | 0.68 |
| Projection Distance Maximum (m) | 80.77 |
| Screen Size Diagonal Maximum (cm) | 1270.0 |
| Screen Size Diagonal Maximum (inch) | 500.0 |
| Screen Size Diagonal Minimum (cm) | 152.0 |
| Screen Size Diagonal Minimum (inch) | 60.0 |
| Supported Resolution Interlaced | 1080i/50/60 |
| Supported Resolution Progressive | 720p/60 |
| Zoom Type | Motorized |
| Keystone Correction V ± (°) | 30 |
| Keystone Correction H ± (°) | 40 |

## Connectivity

| | |
|---|---|
| LAN | 1 x RJ45 |
| Audio Input | 1 x HDBaseT audio support, 2 x HDMI audio support |
| Audio Output | 1 x 3.5 mm Stereo Mini Jack (variable) |
| Digital Input | 1 x HDBaseT, 2 x HDMI™ supporting HDCP 2.2, 1 x 3G-SDI |
| Digital Output | 1 x HDBaseT supporting HDCP 2.2 |
| Control | 1 x 3.5 mm Stereo Mini Jack (Wired Remote), 1 x D-Sub 9 pin (RS-232), Ethernet |
| USB | 1 x USB A (2A power delivery) |

## Remote Control

| | |
|---|---|
| Remote Control | Select (up, down, left, right), ID set, Test Picture, Shutter function, Source Select, ID Select, Audio Control, Geometric Correction, Zoom/Focus and Lens Shift Control, Power (On-OFF), Digital Zoom |

## Electrical

| | |
|---|---|
| Power Consumption Normal (W) | 1530 |
| Power Consumption Stand-by (W) | 5 |
| Power Consumption Network Stand-by (W) | 20 |
| Power Consumption Silent Mode (W) | 1400 |
| Power Supply (Hz) | 50-60 |
| Power Supply (V AC) | 100-240 |

## Mechanical

| | |
|---|---|
| Colour Version | Black |
| Width Without Lens and Feet (mm) | 650 |
| Height Without Lens and Feet (mm) | 262 |
| Depth Without Lens and Feet (mm) | 549 |
| Fan Noise Normal (dB) | 42 |
| Fan Noise Silent (dB) | 34 |
| Weight (kg) | 38.7 |
| IR Remote Control Model | RD-480E |

## Environmental Conditions

| | |
|---|---|
| Operating Humidity Non-Condensing (%) | 20 to 80 |
| Storage Humidity Non-Condensing (%) | 20 to 80 |
| Operating Temperature (°C) | 0 to 40 |
| Storage Temperature (°C) | -10 to 50 |

## Ergonomics

| | |
|---|---|
| Certifications | TUEV Type Approved, RoHS, CE, ErP, EAC |

## Green Features

| | |
|---|---|
| Ecological Materials | Downloadable manuals, 100% recyclable packaging |
| Ecological Standards | ErP compliant |
| Energy Efficiency | Software scheduling, Timer function, Intelligent power management, ECO scheduler |
| Stand-by Power Max (W) | 0.5 |

## Guarantees

| | |
|---|---|
| Warranty Light Source | 3 years or 10000h (whatever comes first) |
| Warranty 3 Years Pan European Service | Yes |

| | |
|---|---|
| Shipping Content | Quick Setup Guide, Projector, CD-ROM (User Guides/Manuals), Power Cord |

## Additional Features

| | |
|---|---|
| Special Characteristics | HDR10 Support, RS-232 Control, Edge Blending Function, 4K/60Hz interfaces, Digital 3D Reform™, Manual Wall Color Correction, HTTP Browser Control, Multi-Screen compensation mode, Cinema Quality Picture (CQP) Processing for best image quality, Direct Power-Off Function, Test Pattern, Free Tilt, UHD player support, NaViSet Administrator 2, LAN control, Stacking Function, DICOM simulation, AMX Beacon, Seamless Switching, High Altitude Mode, Geometric Correction, Virtual Remote for direct PC control, PJ LINK, Lens Memory, Timer-Function, Light Source Adjustment, Rec2020 to Rec709 colour conversion, PIP/Side by Side, HDMI - Input, Optional User Logo, Password Security System, Portrait Setting, Hollywood Quality Video Processing for best image quality, IP5X/IP6X rated, Crestron Connected |
| Lens Shift V (max) | 0.65 / -0.65 |
| Lens Shift H ± (max) | +0.25 |
| OSD Languages | 27 |
| Light Source Life Up To (hrs) | 25000 |

© 2026 Sharp Display Solutions Europe GmbH. All rights reserved. All product names, company names, logos, trademarks, service marks and registered trademarks are the property of their respective owners. Design, features and specifications are subject to change without notice. Information is believed to be accurate at the time of publication. Errors and omissions excepted. Revision date: 09 July 2026. Sharp A201U, 26/10/2026