Laser Projector - 4K+ 1 DLP - Installation

Sharp A155U



Precision, Clarity, Enduring Performance

- No lamp replacement up to 20,000 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	XPA155U (BK),XPA155U-W (WH)

Image

Aspect Ratio	16:10
Brightness Normal (lm)	14000
Brightness Centre (lm)	15000
Compliant with ISO21118-2020	Yes
Contrast Ratio	[30000001]
Projection Technology	3LCD Technology
Focus Adjustment	Motorized
Frequency Horizontal Digital (kHz)	15/24-153
Frequency Vertical Digital (Hz)	24-120
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	2 x HDMI audio support, 1 x HDBaseT audio support
Audio Output	1 x 3.5 mm Stereo Mini Jack (variable)
Digital Input	1 x HDBaseT, 1 x 3G-SDI, 2 x HDMI™ supporting HDCP 2.2
Digital Output	1 x HDBaseT supporting HDCP 2.2
Control	1 x D-Sub 9 pin (RS-232), Ethernet, 1 x 3.5 mm Stereo Mini Jack (Wired Remote)
USB	1 x USB A (2A power delivery)

Remote Control

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

Electrical

Power Consumption Normal (W)	865
Power Consumption Stand-by (W)	20
Power Consumption Network Stand-by (W)	5
Power Consumption Silent Mode (W)	785
Power Supply (Hz)	50-60
Power Supply (V AC)	100-240

Mechanical

Colour Version	White, Black
Width Without Lens and Feet (mm)	599
Height Without Lens and Feet (mm)	238
Depth Without Lens and Feet (mm)	490
Fan Noise Normal (dB)	38
Fan Noise Silent (dB)	35
Weight (kg)	28.7
IR Remote Control Model	RD-480E(S)

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	EAC, ErP, TUEV Type Approved, RoHS, CE

Green Features

Ecological Materials	100% recyclable packaging, Downloadable manuals
Ecological Standards	ErP compliant
Energy Efficiency	Intelligent power management, ECO scheduler, Timer function, Software scheduling
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	Projector, CD-ROM (User Guides/Manuals), Quick Setup Guide, Power Cord

Additional Features

Special Characteristics	Geometric Correction, Edge Blending Function, High Altitude Mode, HDR10 Support, Hollywood Quality Video Processing for best image quality, AMX Beacon, Portrait Setting, LAN control, Virtual Remote for direct PC control, UHD player support, Lens Memory, NaViSet Administrator 2, RS-232 Control, Optional User Logo, Rec2020 to Rec709 colour conversion, Direct Power-Off Function, Multi-Screen compensation mode, DICOM simulation, HTTP Browser Control, IP5X/IP6X rated, Stacking Function, Cinema Quality Picture (CQP) Processing for best image quality, Seamless Switching, PIP/Side by Side, HDMI - Input, Digital 3D Reform™, Password Security System, Manual Wall Color Correction, PJ LINK, Free Tilt, Timer-Function, 4K/60Hz interfaces, Test Pattern, Light Source Adjustment, 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)	20000

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