

Make a Lasting Impression with Professional Installation Projectors



Powerful installation projectors equipped to take on the most demanding integration projects

Legacy Support

- Customers utilizing previous generation Sharp/NEC PA Series projectors can use their existing lenses. Eliminates the costly expense of purchasing a new lens. The time consuming efforts and costs associated with reinstallation are eliminated. Supports the legacy manually adjustable lenses, NP11FL, NP12ZL, NP13ZL, NP14ZL and NP15ZL.



Integrated Software Applications

- 4K Ready - Display stunning 4K 60P content using Sharp/NEC's proprietary high performance video processing/ scaling chip without the loss of critical details. HDR10 and BT.2020 signals from "Ultra HD Blu-ray" and "4K TV broadcasting" are supported on all digital inputs.
- Integrated software applications such as AMX Beacon, Crestron RoomView, Extron XTP and PJ Link allow for complete control system support.
- Lower the cost of your installation by eliminating the need for costly reprogramming of a control system (supports competitors commands, call Sharp/NEC for complete list).

4K UHD
READY

Flexible Installation

- Enjoy greater installation flexibility with motorized optional bayonet style lenses providing quick and easy exchanges. Lens throw distances range from 2.5 to 68.5 ft.
- New NP44ML-01LK UST lens placing the projector above the screen and out of sight. (installation may place the projector above the ceiling line)
- Tilt-free installation capabilities make these projector's ideal for almost any install environment, including portrait orientation.
- Up to 60% vertical lens shift and +/- 30% horizontal lens shift capabilities make alignment easy.



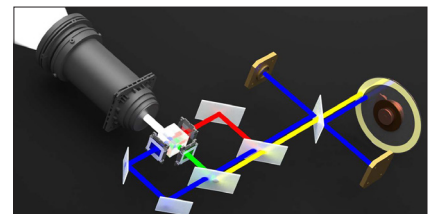
NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of Sharp/NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.



Dual Blue Laser Systems

- Images appear immediately after powering on.
- Dual blue laser systems provide best-in-class white balance over the life of the projector.

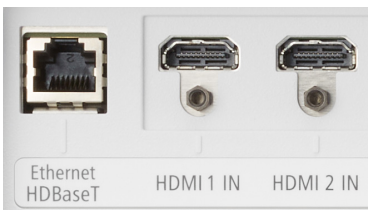


Get Connected With A Wide Selection Of Inputs

- Multiple Digital computer inputs ensure quick switching between presentations.
- Three audio inputs (one mini stereo [HDMI1™ & HDMI2™, and HDBaseT) make it easy to add sound to enhance your presentations.
- 21:9 Aspect Ratio is supported for engaging meeting spaces.

Digital Inputs

Among the PV Series wide selection of inputs are dual HDMI w/HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers.



Input Panel Cover

This optional accessory creates a clean look for your installation, while hiding signal cables and the power cord.



Remote Control

Wired and wireless backlit remote allows you to adjust for complete control of the projector's menu structure. Direct controls such as lamp mode, aspect ratio, volume and input selection eliminates multiple button pushes.



Advanced Software Features

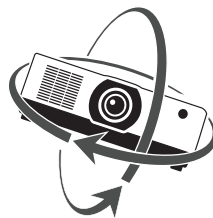
10,000-hour Filter Life

This virtually maintenance-free filter reduces the frequency at which cleaning is required, thereby decreasing the total cost of ownership.



360° Rotation

The projector can be rotated freely (360°) to orient the image depending on the installation requirements.



ProAssist™

Projector management software for installation professionals provides network based projector control including input switching, picture, and geometric correction.



Unique Features

Variable audio-out enables the remote control to be used to adjust the volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector.

64-step image magnification with location control.

Built-in HTTP page for control and monitoring over a LAN network. Email notification of error messages or lamp end-of-life can be sent to remote locations.

Warranty

Registered owners receive a 5-year parts and labour warranty.

In The Box

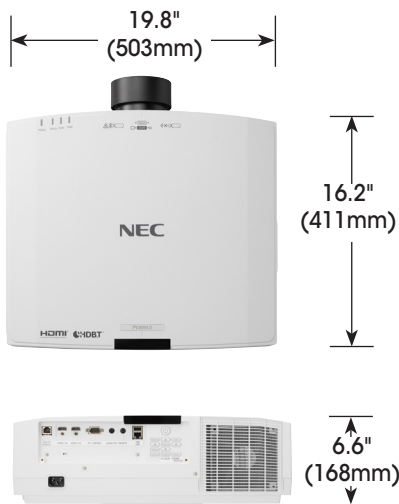
Remote control, batteries, power cord, user's manual on CD-ROM, quick start guide, product registration card.

Accessories

RMT-PJ40	Replacement Remote Control
Optional Lenses	NP11FL, NP12ZL, NP13ZL, NP14ZL, NP15ZL, NP50ZL, NP40ZL, NP41ZL, NP43ZL, NP44ML-01LK
NP10CV	Terminal Cover
NP10CV-B	Terminal Cover
PA600CM	Ceiling mount
AEC006009	Adjustable Extension Column, 6" - 9"
AEC012018	Adjustable Extension Column, 12" - 18"
AEC0203	Adjustable Extension Column, 2' - 3'
AEC0305	Adjustable Extension Column, 3' - 5'
NP01PW1	Power Cord
RGBCBCL-PJPX	RGB Signal Cable

Ordering Model Numbers

NP-PV710UL-B1
NP-PV710UL-W1
NP-PV800UL-B1
NP-PV800UL-W1



		NP-PV710UL	NP-PV800UL
Light Output (lumens)		7,100	8,000
Resolution	Native	WUXGA	
	Maximum	4K 4096 x 2160	
Aspect Ratio		16:10 (Supports 4:3, 16:9, 21:9)	
Contrast Ratio (up to)		3,000,000:1 (with Dynamic Contrast)	
Laser Life (up to)		20,000 hours	
Screen Size (diagonal)		40 to 150 in. / 1.02 to 3.8m, NP11FL; 30 to 500 in. / 0.76 to 12.7m, NP12ZL; 40 to 500 in. / 1.02 to 12.7m, NP13ZL; 50 to 500 in. / 1.27 to 12.7m, NP50ZL, NP40ZL, NP41ZL, NP43ZL; 60 to 500 in. / 1.52 to 12.7m, NP14ZL, NP15ZL; 100 to 400 in. / 2.54 to 10.16m, NP44ML-01LK	
Throw Ratio	NP11FL	0.79:1	
	NP12ZL	1.16 - 1.52:1	
	NP13ZL	1.46 - 2.95:1	
	NP14ZL	2.90 - 4.64:1	
	NP15ZL	4.59 - 7.02:1	
	NP44ML-01LK	0.32:1	
	NP50ZL	0.6 - 0.76:1	
	NP40ZL	0.79 - 1.11:1	
	NP41ZL	1.30 - 3.02:1	
	NP43ZL	2.99 - 5.93:1	
Projection Distance		2.5 to 68.5 ft. / 0.74 to 20.9 m	
Projection Angle		10.3 to 10.8° tele / 13.7 to 14.5° wide	
Lens*	Zoom	Manual	Motorized
		NP11FL	-
		NP12ZL	1.3x
		NP13ZL	2.0x
		NP14ZL	1.6x
		NP15ZL	1.52x
		NP44ML-01LK	1.0x
		NP50ZL	1.25x
		NP40ZL	1.4x
		NP41ZL	2.3x
		NP43ZL	2.0x
	Focus	Manual	Motorized / Manual
		NP11FL	F=2.3, f _e 13.2mm, 2.6lbs. / 1.2 kg
		NP12ZL	Manual zoom / focus, F=2.2 to 2.69, f _e 19.4 to 25.3mm, 2.6 lbs. / 1.2 kg
		NP13ZL	Manual zoom / focus, F= 2.2 to 2.37, f _e 24.2 to 48.6mm, 1.6 lbs. / 0.84 kg
		NP14ZL	Manual zoom / focus, F= 2.2 to 2.64, f _e 48.5 to 77.6mm, 2.2 lbs. / 1.0 kg
		NP15ZL	Manual zoom / focus, F= 2.2 to 2.7, f _e 76.6 to 116.5mm, 2.2 lbs. / 1.0 kg
		NP44ML-01LK	Motorized zoom / focus, F=2.0, f _e 6.27, 6.8 lbs. / 3.1 kg
		NP50ZL	Motorized zoom / focus, F=1.9 to 2.1, f _e 49.7 to 99.8mm, 5.5 lbs. / 2.5 kg
		NP40ZL	Motorized zoom / focus, F=2.0 to 2.5, f _e 13.3 to 18.6mm, 3.5 lbs. / 1.6 kg
		NP41ZL	Motorized zoom / focus, F=1.7 to 2.0, f _e 21.8 to 49.8mm, 3.7 lbs. / 1.7 kg
		NP43ZL	Motorized zoom / focus, F=2.2 to 2.6, f _e 49.7 to 99.8mm, 3.7 lbs. / 1.7 kg
	Shift	+50/-10% Vertical, +/-30% Horizontal	
	Shutter	Laser Shutter	
Keystone Correction		+/- 30° horizontal, +/- 30° vertical	
Synchronization Range	Horizontal	24-100kHz	
	Vertical	50-85Hz	
Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K	
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, Quad HD	
Macintosh Compatibility		Yes	
Input Terminals	RGB1 (analog)	HDMI (V2.0) w/HDCP (V1.4/2.2)	
	RGB2 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)	
	RGB3 (digital)	HDBaseT w/HDCP (V1.4/2.2)	
	Audio Out	Stereo Mini Jack	
External Control		RS-232, IR, Wired Remote, HDBaseT, DDC/CI, RJ-45, USB (USB 2.0)	
Sync Compatibility		Separate Sync / Composite Sync / Sync on G	
Power Requirements		100-240V AC, 50/60 Hz	
Input Current		5.3A - 2.2A	6.1A - 2.5A
Power Consumption	(ECO off/ECO Mode/ Standby/Standby-Power Saving)	456W / 412W / 1.7W / 0.16W	490W / 445W / 1.7W / 0.16W
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Product Dimensions (WxDxH)		19.8 x 16.2 x 6.6 in. / 503 x 411 x 168 mm	
Net Weight		24.7 lbs. / 11.2 kg	
Shipping Dimensions (WxDxH)		23.3 x 19.3 x 10.2 in. / 591 x 491 x 259 mm	
Gross Weight		29.5 lbs. / 13.4 kg	
Fan Noise		40 dB normal / 31 dB eco	42 dB normal / 32 dB eco
Regulations	US	USA UL60950-1: 2 nd edition, FCC Part 15 Subpart B (ANSI C63.4-2014)	
	Canada	CAN/CSA C22.2 No.62368-1-18, 3 rd Edition, ICES-003 Issue 7 (ANSI C63.4-2014)	
Operating	Temperature	32-113°F / 0-45°C	
	Humidity	20 to 85% Humidity (Non-Condensing)	
Storage	Temperature	14-122°F / -10 50°C	
	Humidity	20% - 80% (non-condensing)	
Ordering Model Number		NP-PV710UL-B1, NP-PV710UL-W1	NP-PV800UL-B1, NP-PV800UL-W1

* Lens does not ship with the projector.

Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit www.sharp.ca for details.



SHARP ELECTRONICS OF CANADA LTD.
335 Britannia Road East, Ste. 101
Mississauga, Ontario L4Z 1W9
1-800-567-4277 • www.sharp.ca

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