

PV Series

Professional Installation Projectors ideal for higher education, house of worship, corporate and museum applications



4K UHD
READY

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

Legacy Support

- Customers utilizing previous generation 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

- 4K Ready - Display stunning 4K 60P content using 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 NEC for complete list)

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Flexible

- 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 site (installation may place the projector above the ceiling line)
- Tilt-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation
- Up to 60% vertical lens shift and +/- 30% horizontal lens shift capabilities make alignment easy



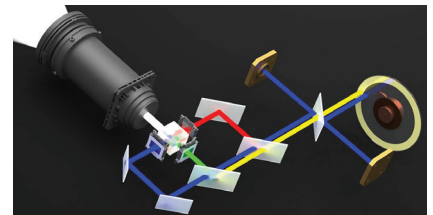
NaViSet Administrator 2

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 NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.



Laser

- Images appear immediately after power on due to instantaneous start up of the laser
- Dual blue laser systems provide best in class white balance over the life of the projector
- Inorganic optical components create longer lifetime and greater peace of mind

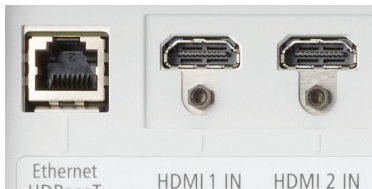


GET CONNECTED WITH A WIDE SELECTION OF INPUTS

- **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** 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 in a well lit or dark environment. Direct controls such as lamp mode, aspect ratio, volume and input selection eliminates multiple button pushes.



ADVANCED SOFTWARE FEATURES

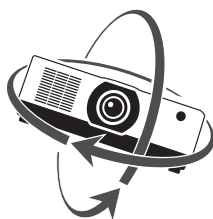
10,000-hour filter life

NEC is committed to designing its products to provide long lifecycles. This virtually maintenance-free filter reduces the frequency at which cleaning is required, thereby decreasing total cost of ownership.



Roll-free

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 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 labor warranty including InstaCare next business day exchange.

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
RGBCBL-PJPX	RGB Signal Cable

ORDERING MODEL NUMBERS

NP-PV710UL-B1-13ZL
NP-PV710UL-W1-13ZL
NP-PV800UL-B1
NP-PV800UL-W1



		NP-PV710UL-13ZL	NP-PV800UL
Light Output (lumens)		7100	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 20.9m	
Projection Angle		10.3 to 10.8° tele / 13.7 to 14.5° wide	
Zoom	Manual	Motorized	
		NP11FL	
		NP12ZL	
		NP13ZL	
		NP14ZL	
		NP15ZL	
		NP44ML-01LK	
		NP50ZL	
		NP40ZL	
		NP41ZL	
Lens	Focus	Manual	
		Motorized / Manual	
		NP11FL	
		NP12ZL	
		NP13ZL	
		NP14ZL	
		NP15ZL	
		NP44ML-01LK	
		NP50ZL	
		NP40ZL	
Shift	Shutter	Laser Shutter	
		+/- 30° horizontal, +/- 30° vertical	
		Keystone Correction	
		Synchronization Range	
		Supported Video Standards	
		SD/HD Video Signal Compatibility	
		PC Signal Compatibility	
		Macintosh Compatibility	
		Input Terminals	
		External Control	
		Sync Compatibility	
		Power Requirements	
		Input Current	
		Power Consumption	
		(ECO off/ECO Mode/Standby/Power Saving)	
		Installation Orientation	
		Product Dimensions (WxDxH)	
		Net Weight	
		Shipping Dimensions (WxDxH)	
		Gross Weight	
		Fan Noise	
		Regulations	
		Operating	
		Storage	
		Ordering Model Number	

* Lens does not ship with the projector.
Additional accessories are available, including screens, carts, mount accessories and replacement cables.
Visit www.necdisplay.com for details.

Sharp NEC Display Solutions of America

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Extron

AMX

