

Five types of optional lenses and a wide lens shift range provides improved flexibility of your installation.

Equipped with a product design and adjustment functions that are desirable with a variety of installation requirements

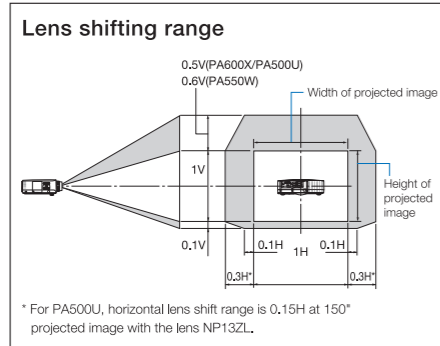
Lens shift function for easily adjusting the position of the projected image

The projector is equipped with a lens shift that allows you to adjust the projected image horizontally or vertically. You can easily adjust the position of the projection just by turning the lens shift dials, without having to move the projector unit itself. Furthermore, it is also equipped with a centre lens design for easy alignment.

*The lens shift mechanism does not work when using NP11FL.
*As you maximise the tilt direction of the lens shift, the area surrounding the screen may get darker and shadows may appear.



Lens shift dials



Five types of optional lenses available for flexible installation

The projector supports five types of optional lenses which are adapted to a variety of installation locations and projection methods, including conference rooms, auditoriums, and exhibition halls. The NP13ZL is compatible with 2x zoom, which allows it to handle an even PA600X broader range of projection distances. The lenses can be easily changed by using the lens release button.

*The lenses are not included with this unit.

	NP11FL	NP12ZL	NP13ZL	NP14ZL	NP15ZL	
Option Lens						
Lens Type	Fixed Short Throw Lens	Zoom Lens	Zoom Lens	Zoom Lens	Zoom Lens	
Zoom/Focus	Manual (Focus only)	Manual	Manual	Manual	Manual	
Zoom Ratio	-	1.3	2.0	1.6	1.52	
Throw Ratio	0.8 : 1	1.19-1.56 : 1	1.50-3.02 : 1	2.97-4.79 : 1	4.70-7.20 : 1	
Screen Size	40-150 inch	30-500 inch	40-500 inch	60-500 inch	60-500 inch	
Light Output*	PA600X	4500 ANSI lm	4700 ANSI lm	6000 ANSI lm	4900 ANSI lm	4700 ANSI lm
	PA550W	3900 ANSI lm	4100 ANSI lm	5500 ANSI lm	4200 ANSI lm	4100 ANSI lm
	PA500U	3400 ANSI lm	3700 ANSI lm	5000 ANSI lm	3800 ANSI lm	3700 ANSI lm
Weight	1.2 kg	1.2 kg	0.84 kg	1.0 kg	1.0 kg	

* This is the brightness value when the lamp mode is set to "Normal Mode" and the preset mode is "High brightness mode". If the lamp mode is switched to "Eco Mode", the brightness will drop to about 80%. If any other mode is selected as the preset mode, brightness may drop slightly.

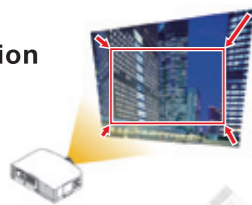
Projected range of lens (image projected on a 100-inch screen)

Model of lens	Projection magnification
PA600X	
NP11FL	● 1.6
NP12ZL	2.4 ↔ 3.2
NP13ZL	3.0 ↔ 5.1
NP14ZL	3.0 ↔ 3.7
NP15ZL	3.3 ↔ 14.3
PA550W	
NP11FL	● 1.7
NP12ZL	2.5 ↔ 3.3
NP13ZL	3.2 ↔ 3.4
NP14ZL	3.3 ↔ 10.2
NP15ZL	10.0 ↔ 15.4
PA500U	
NP11FL	● 1.7
NP12ZL	2.5 ↔ 3.3
NP13ZL	3.2 ↔ 3.3
NP14ZL	3.3 ↔ 10.1
NP15ZL	3.3 ↔ 15.1

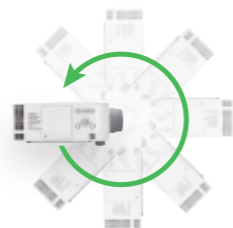
Test pattern display that is convenient for screen adjustments



3D REFORM function corrects keystone distortion



360° installation angle (tilt-free) that enables vertical projection.



Various functions that support specialized installation requirements

- (1) Geometric correction tool function* that allows you to project squares even on screens with special shapes
- (2) Supports a stack installation* that achieves high luminance equivalent to 24000 ANSI lumens
- (3) Multi-screen function* that renders the borders of multiple images inconspicuous

*The support software will be provided for download through our website (scheduled for summer of 2011).

Considering the environment and offering simple maintenance contributes to a reduced total cost of ownership.

Energy saving design with a standby power consumption of 0.2W

"Eco Mode" that curbs electricity consumption and "Carbon Meter" display

Extends the lamp replacement time to a maximum of 4000 hours in Eco Mode

Silent design of 31dB in Eco Mode that will not disturb meetings and classes

* PA500U is 32dB.

Equipped with a maintenance-free large filter

The projector uses large two-layer filters. Since it is highly effective at repelling dust, as long as the filter is replaced with new ones when changing the lamp, there is no need for regular cleaning.



Environmentally friendly optional cable cover offered that uses bio-plastics



Compatible with diverse image sources and network control, with a commitment to reproducing high quality images

Simple "DICOM SIM. Mode" allows for the easy display of medical images

The projector can display medical images saved in the DICOM format and handle presentations such as academic conferences.



*Cannot be used for diagnoses of the display images.

Compatible with wired / optional wireless LANs (IEEE 802.11b/g/n) and various network controls

- (1) The projector supports Microsoft Windows Media Connect, which transmits still and moving images (streaming) to projectors connected to the network (does not support segment overrun).*
- (2) Allows you to display files that are in the shared folder of computers connected to the network.*
- (3) Supports a Wi-Fi Protected Setup (WPS). The projector can be synchronized with the access point and can be connected with a wireless LAN automatically via the infrastructure.
- (4) The projector is equipped with an access point connection that improves the security of wireless LAN connections
- (5) Compatible with the Windows Network Projector and PJ Link

*For details about supported file types and restrictions, please visit our web site.

Wide range of input/output terminals such as HDMI and DisplayPort

Equipped with a wide range of input/output terminals and compatible with a variety of image sources such as DisplayPort, which lets you connect the projector from about 15 meters away with minimal signal decay, as well as computer (analogue), 5-core BNC, HDMI, video, and S-video.



Crestron RoomView® compatibility

The projector supports Crestron RoomView®, allowing multiple devices connected to the network to be managed and controlled from a computer.



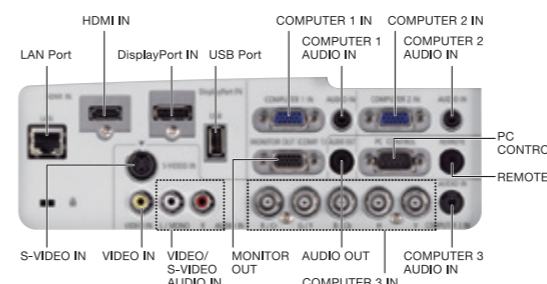
Equipped with a 10W monaural speaker

High resolution design through HQV® technology

The power can be controlled intensively with Direct Power Off.

High resolution of WUXGA panel (PA500U)

Terminals



Example of installing NP13ZL

PA600X

6000 ANSI lumens XGA 7.7kg (Not including lens)

PA550W

5500 ANSI lumens WXGA 7.7kg (Not including lens)

PA500U

5000 ANSI lumens WUXGA 7.8kg (Not including lens)