P502HL-2 / P502WL-2

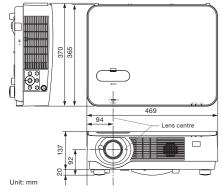
Remote control

Specifications

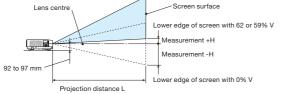
Model Number		NP-P502HL-2	NP-P502WL-2						
Method		Reflection by single DMD chip							
Specifications of	f main parts	,							
Main panel	Size	0.65" (aspect ratio: 16:9)	0.65" (aspect ratio: 16:10)						
	Pixels*1	(1,920 dots × 1,080 lines)	1,024,000 (1,280 dots × 800 lines)						
Projection ler	nses Zoom	Manual (zoom ratio 1.7) Manual							
	Focus								
	Lens shifting	Manual (H: ±25%, V: +62%, -0%) Manual (H: ±28%, V: +59%, -0%)							
Light source		Blue laser diode							
Light source (laser diode) Life*2		20,000 hours							
Optical unit		C/W type (DLP), colour separation by colour wheel; time-multiplexing colour wheel method							
Light output *3*4	ECO mode off	5,00	10 lm						
· ·	ECO 1 mode	Appro	x. 80%						
	ECO 2 mode	Appro	x. 50%						
Contrast ratio*4 (all white/all black)		20,000:1 with dynamic contrast							
Screen size		30 to 300 inches							
Colour reproducibility		10-bit signal processing (approx. 1.07 billion colours)							
Quietness (ECO2/ECO1/ECO mode off)		31 dB / 33 dB / 39 dB							
Synchronization	rate Horizontal	15 to 100 kHz (24 kHz or greater for RGB inputs)							
	Vertical	50 to 120 Hz							
Max. display resol	lution (horizontal × vertical)	Analogue: 1,920 × 1,200 (with Advanced AccuBlend) / Digital: 1,920 × 1,080 (with Advanced AccuBlend)							
Keystone correct	tion Horizontal	Manual (approx. ±25 degrees)							
	Vertical	Manual (approx. ±30 degrees)							
Input / output cor	nnectors		č						
Computer input		Mini D-Sub 15-pin×1							
Audio input		Stereo mini jack × 1							
HDMI [®] input		TypeA 19-pin HDMI® connector (HDCP, audio) × 2							
HDBaseT™		RJ45 (Ethernet 100Base-TX / HDBaseT, audio) × 1							
Video input		RCA × 1							
Audio	input	RCA × 2 (L/R)							
Computer ou	utput	Mini D-Sub 15-pin×1							
Audio output	1	Stereo mini jack × 1							
PC control		D-Sub 9-pin × 1							
USB port		Type A for USB memory × 1, Type B for service × 1							
Ethernet port		RJ-45 (10/100Base-TX) × 1, W-LAN (USB type A) × 1 for wireless LAN unit							
3D SYNC		Synchronized signal output for 3D use x 1							
Built-in speaker		20 W monaural × 1							
Usage environme	ent	Operating temperature: 5 to 40°C*5, operating humidity: 20 to 80% (with no condensation)							
-		Storage temperature: -10 to 50°C, storage humidity: 20 to 80% (with no condensation)							
		Operating altitude: 0 to 2,600 m (1700 to 2,600 m: Set [FAN MODE] to [HIGH])							
Power supply		100-240 V AC, 50/60 Hz							
Power	ECO mode off	464 W (100-130 V)/442 W (200-240 V)							
consumption	ECO1	362 W (100-130 V)/347 W (200-240 V)							
	ECO2	236 W (100-130 V)/231 W (200-240 V)							
	STANDBY (NORMAL)	Less than 0.36 W							
	STANDBY (NETWORK)	Less than 2.3 W							
Rated input curre	ent	5.7–2.3 A							
Dimensions (W ×	(H×D)	469 × 137 × 365 mm (net dimensions, not including protruding parts)							
		8.7 kg (net weight)							

*1: Effective pixels are more than 99.99%. *2: Time at which the laser light source is at half brightness; not a guarantee time. *3: Light output value when the [PRESET] mode is set to [HIGH-BRIGHT]. *4: Compliant with ISO21118-2005. *5: When surrounding temperature is 35 – 40°C, [PRESET] becomes [ECO] mode automatically. These specifications and the product's design are subject to change without notice.

Cabinet dimensions



Throw distance and screen size



P502HL-2 Full HD (Aspect ratio 16:9)

Screen	Screen width	Screen height	Throw distance L (m)		Height H (cm)	Screen	Screen width	Screen height	Throw distance L (m)		Height H (cm)
size	(cm)	(cm)	Wide	Tele	0% V – 62% V	size	(cm)	(cm)	Wide	Tele	0% V - 62% V
30"	66.4	37.4	0.79	1.39	-18.7 - 4.3	30"	64.6	40.4	0.81	1.42	-20.2 - 3.4
40"	88.6	49.8	1.07	1.86	-24.9 - 5.8	40"	86.2	53.8	1.09	1.9	-26.9 - 4.6
50"	110.7	62.3	1.34	2.34	-31.1 - 7.2	50"	107.7	67.3	1.37	2.39	-33.7 - 5.7
60"	132.8	74.7	1.62	2.81	-37.4 - 8.7	60"	129.2	80.8	1.66	2.87	-40.4 - 6.9
80"	177.1	99.6	2.17	3.76	-49.8 - 11.6	80"	172.3	107.7	2.22	3.84	-53.8 - 9.2
100"	221.4	124.5	2.72	4.71	-62.3 - 14.5	100"	215.4	134.6	2.78	4.81	-67.3 - 11.5
120"	265.7	149.4	3.28	5.66	-74.7 - 17.4	120"	258.5	161.5	3.35	5.78	-80.8 - 13.8
150"	332.1	186.8	4.11	7.08	-93.4 - 21.7	150"	323.1	201.9	4.19	7.23	-101.0 - 17.2
200"	442.8	249.1	5.49	9.45	-124.5 - 28.9	200"	430.8	269.2	5.6	9.65	-134.6 - 23
250"	553.4	311.3	6.87	11.82	-155.7 - 36.2	250"	538.5	336.5	7.01	12.08	-168.3 - 28.7
300"	664.1	373.6	8.25	14.19	-186.8 - 43.4	300"	646.2	403.9	8.43	14.5	-201.9 - 34.5

P502WL-2 WXGA (Aspect ratio 16:10)

*Stated projection distances are standard values. *The values in the tables are design values and may vary.



This product is classified as Class 2 of IEC60825-1 Second edition 2007-03. The laser module is equipped in this product. DO NOT STARE INTO THE LENS WHILE IN USE
The projector can be unplugged during its cool down period after it is turned off. Parts of the projector will become heated during operation. Use caution when picking up the projector immediately after it has been operating.
Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.

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NEC Display Solutions, Ltd.

http://www.nec-display.com/ap/ Cat.No. WDPJ-1702-0021N The impressive compact 5,000 ANSI lumen projector with a state-of-the-art laser light source

P502HL-2 / P502WL-2



0. WEETERR







Cable cover NP08CV



\Orchestrating a brighter world **NEC**



MultiPresenter

The newest laser technology allows up to 20,000 hours maintenance free operation, ensuring high reliability and low cost of ownership.

No More Lamp Replacements

Up to 20,000 hours* of maintenance-free operation possible due to the laser light source.

* Actual hours may vary depending on usage conditions.

Impressive Image Quality for Various Applications

The latest Texas Instruments DLP[™] engine featuring BrilliantColor[™] technology offers great 15,000:1 contrast for high brightness images up to 5,000 lumens at Full-HD and WXGA native resolutions.



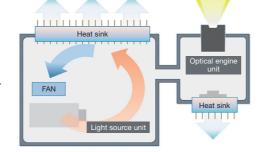
Wide 1.7 × Optical Zoom and H/V Lens Shift

The wide 1.7 × optical zoom, horizontal/vertical lens shift and keystone correction allow flexible setting in various locations

A Dustproof Design Supported by NEC's Closed-loop Cooling System

The projector has a dustproof design to prevent the staining of optical components from the ingress of dust and the deterioration of brightness and image quality. Heat within the dustproof units is exhausted from heat sinks, and the

external air used for cooling does not directly contact the optical system, so the design offers both excellent dustproofing and cooling.



Tilt-free and Portrait Installation Support

The projector can be rotated freely (360°) to point up or down depending on the installation requirements and can be rotated (along with the screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the sides when landscape mode is used.



Built-in HDBaseT Support

Simplify your installations with HDBaseT, which is optimized for video applications and supports uncompressed Full HD digital video, audio, Ethernet, and various control signals. With only a single cable (up to 100 m) to run, infrastructure and labor costs are reduced, installations are significantly easier, and there is no cable clutter to manage. With uncompressed HD video support, images have never been more

stunning. What is more, control signals are contained in the same cable



USB Viewer

This series projector can deliver a solution when you would prefer to leave your laptop computer behind for a presentation. Simply place your file onto a USB drive and plug it into the projector's USB port. This allows you to display images stored as JPEGs from optional USB storage.

Dual HDMI Inputs

Among the P502HL-2 series wide selection of inputs is HDMI with HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers.



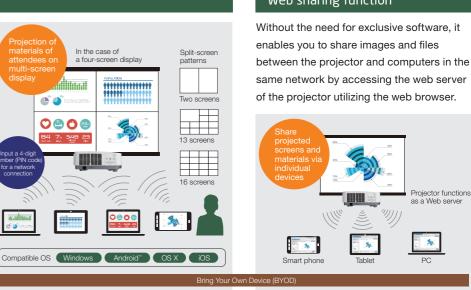
Terminals LAN (RJ-45) HDMI 2 IN Ethernet / HDBaseT HDMI 1 IN COMPUTER IN USB (Wireless LAN SERVICE Por ISB (Type A) 3D SYNC PC CONTROL AUDIO OUT VIDEO IN COMPUTER VIDEO AUDIO IN MONITOR OUT AUDIO IN (COMP.)

Advanced Networking Capabilities

Multi-screen Projection Function*1

The multi-screen projection function allows for the sharing of screens of multiple devices on various split-screen displays via a wireless or wired LAN.

Display information from up to 50*2 PCs, tablet PCs, smart phones, and other network connected devices on a multi-screen display of up to 16 screens. Easily share screens and information regardless of device or operating system



MultiPresenter

*1: Requires the optional wireless LAN module for wire

installation of our MultiPresenter software.

access point.

PCs. Smart phones and tablets require the download and

*2: The connection of 50 devices to the network requires construction

of a wireless LAN environment, such as the use of a separate

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



Other Networking Capabilities

 Simple Access Point • PC Control Utility 4.0 for Windows • PC Control Utility 5.0 for Mac

Other Useful Features and Functions

- Powerful 20-watt speaker provides the volume levels needed for large rooms
- · Virtually instant start up with the laser light source
- Auto power-on via the HDMI 1, HDMI 2 and RGB (15-pin) input connectors when a signal is detected from a computer
- Sleep timer can be set to automatically turn off the projector at set countdown times
- · Power management automatically turns off the projector when an incoming signal is not detected from any of the inputs
- No-signal guidance for easy cable connections
- · Intuitive plug and play setup and operation
- PC-based geometric correction and 3D Reform[™] function





Web sharing function

Virtual Remote Tool

The utility software Virtual Remote Tool included on the supplied NEC Projector CD-ROM can display the Virtual Remote (or toolbar) on your computer screen. This allows you to turn the projector power on or off and select signals from a computer display cable (VGA) serial cable, or LAN connection



Virtual Remote

- Miracast[™]
- CRESTRON ROOMVIEW[™]
- with emergency function
- AMX BEACON
- HTTP server
- PJLink

- SmartSource[™] 3D Ready
- Includes a remote with the control ID registration function, which allows operation of multiple projectors with a single remote
- Wall colour correction for vivid images even without a screen
- DICOM simulation
- Security bar / Kensington lock / Control panel lock and password lock
- Low power consumption (0.36 W in 240 V AC stand-by mode) minimizes energy costs
- The carbon metre lets you check the amount of CO2 you reduced by using ECO Mode





