### Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>NP-P502HL</th>
<th>NP-P502WL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input/output connectors</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDMI® input</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>USB port</td>
<td>Type A for USB memory × 1</td>
<td>Type A for USB memory × 1, Type B for service × 1</td>
</tr>
<tr>
<td>Ethernet port</td>
<td>RJ45 (Ethernet 100Base-TX / HDBaseT, audio) × 1</td>
<td>RJ45 (Ethernet 100Base-TX / HDBaseT, audio) × 1</td>
</tr>
<tr>
<td>Audio output</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer output</td>
<td>Mini D-Sub 15-pin × 1, Mini D-Sub 15-pin × 1</td>
<td>Mini D-Sub 15-pin × 1, Mini D-Sub 15-pin × 1</td>
</tr>
<tr>
<td>Audio input</td>
<td>RCA × 1</td>
<td>RCA × 1</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated input current</td>
<td>137 W (100 – 130 V ) /  203 W (200 – 240 V )</td>
<td>148 W (100 – 130 V ) /  220 W (200 – 240 V )</td>
</tr>
<tr>
<td>Less than 0.36 W</td>
<td>Less than 2.3 W</td>
<td></td>
</tr>
<tr>
<td><strong>Usage environment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating altitude</td>
<td>0 to 2,600 m (1700 to 2,600 m: Set [FAN MODE] to [HIGH])</td>
<td>0 to 2,600 m (1700 to 2,600 m: Set [FAN MODE] to [HIGH])</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>–10 to 50°C</td>
<td>–10 to 50°C</td>
</tr>
<tr>
<td>Storage humidity</td>
<td>20 to 80% (with no condensation)</td>
<td>20 to 80% (with no condensation)</td>
</tr>
</tbody>
</table>

### Cabinet dimensions

<table>
<thead>
<tr>
<th>Model Number</th>
<th>NP-P502HL</th>
<th>NP-P502WL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen size</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100&quot;</td>
<td>840.7</td>
<td>838.4</td>
</tr>
<tr>
<td>120&quot;</td>
<td>941.4</td>
<td>941.4</td>
</tr>
<tr>
<td>150&quot;</td>
<td>1,164.2</td>
<td>1,164.2</td>
</tr>
<tr>
<td>200&quot;</td>
<td>1,441.1</td>
<td>1,441.1</td>
</tr>
<tr>
<td>250&quot;</td>
<td>1,752.1</td>
<td>1,752.1</td>
</tr>
</tbody>
</table>

### Throw distance and screen size

<table>
<thead>
<tr>
<th>Model Number</th>
<th>NP-P502HL</th>
<th>NP-P502WL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen surface</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual (zoom ratio 1.7)</td>
<td>Manual (zoom ratio 1.7)</td>
<td></td>
</tr>
<tr>
<td>Manual (approx. ±30 degrees)</td>
<td>Manual (approx. ±30 degrees)</td>
<td></td>
</tr>
<tr>
<td>Manual (H: ±28%, V: +59%, – 0%)</td>
<td>Manual (H: ±28%, V: +59%, – 0%)</td>
<td></td>
</tr>
<tr>
<td>Manual (±29 degrees, V: ±30 degrees, Time-multiplexing colour wheel method)</td>
<td>Manual (±29 degrees, V: ±30 degrees, Time-multiplexing colour wheel method)</td>
<td></td>
</tr>
<tr>
<td><strong>Lens shifting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical</td>
<td>±0.1/±0.1</td>
<td>±0.1/±0.1</td>
</tr>
<tr>
<td>Horizontal</td>
<td>±0.1/±0.1</td>
<td>±0.1/±0.1</td>
</tr>
</tbody>
</table>

### Remote control

- **P502HL / P502WL**

### Options

- **Wireless LAN unit**
  - NPWLM1-5:
    - *The best signal may vary depending on the country of distribution.*

### Notes

- All other trademarks are the property of their respective owners. The images in this brochure are samples.
- Trademark PJLink is a trademark applied for trademark right in the United States of America and other countries.
- CRESTRON and CRESTRON ROOMVIEW are trademarks or registered trademarks of Crestron Electronics, Inc.
- Android is a trademark of Google Inc.
- iOS is a trademark or registered trademark of Cisco in the United States and other countries and is used under license.
- DLP and the DLP logo are registered trademarks or trademarks of Texas Instruments.
- NaViSet is a trademark or registered trademark of NEC Display Solutions, Ltd. in Japan, the United States and other countries.
- These specifications and the product’s design are subject to change without notice.
- Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.
- The projector can be unplugged during its cool down period after it is turned off. Parts of the projector will become heated during operation.
- This product is classified as Class 2 of IEC60825-1 Second edition 2007-03. The laser module is equipped in this product.
- Use caution when picking up the projector immediately after it has been operating. DO NOT STARE INTO THE LENS WHILE IN USE.
The new 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.

**Compatible with Diverse Signal Sources**

**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.

**Dual HDMI Inputs**

Among the P502HL 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**

- HD INPUT 1 (HDMI/DVI-D 19 pin)
- HD INPUT 2 (HDMI/DVI-D 19 pin)
- RGB/COMPONENT IN (D-sub 15 pin)
- VIDEO AUDIO IN
- USB TYPE A
- COMBO AUDIO IN
- RS232 (DB9 pin)
- LAN (RJ-45)
- IDC ENHANCED LAN
- 4200K BULB (4200K)
- FAN
- Optical engine
- Heat sink
- Light source unit
- Terminals

**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.

**Advanced Networking Capabilities**

**Multi-screen Projection Function**

The multi-screen projection function allows for the sharing of screens of multiple devices on various split-screen displays. Display information from up to 50* 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.

**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.

**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.

**Other Networking Capabilities**

- Simple Access Point
- PC Control Utility 4.0 for Windows
- PC Control Utility 6.0 for Mac
- Miracast™
- CRESTON ROOMVIEW™ with emergency function
- AMX BEACON
- HTTP server
- PJLink

**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
- 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 / DICOM simulation
- 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
- 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 meter lets you check the amount of CO2 you reduced by using ECO Mode

**P502HL / P502WL**

- P502HL: 5,000 Full HD 8.7 kg
- P502WL: 5,000 WXGA 8.7 kg