P Series
Ideal for higher education classrooms and corporate conference rooms
Versatile, maintenance free entry installation projectors with a reliable laser light source.

**No Maintenance Projection Solution**

- NEC's sealed LCD cooling system prevents dust from reaching the optics and eliminates the need for a filter
- Advanced laser technology delivers a reliable light source up to 20,000 hours

**Powerful Performance**

- After startup images appear immediately with breakthrough laser technology
- Brightness adjustment and constant brightness mode maximize laser life and allow for a consistent looking image over an extended period of time
- High performance video processing/scaling supports 4K/30 content
- Integrated software support for Crestron Roomview, AMX Beacon, PJ Link control systems

**More Flexible Installations**

- Lens shift capabilities make alignment easy: (H = +/- 29% / V = 0%~+60%)
- Tilt-free installation capabilities make these projectors ideal for almost any install environment, including portrait orientation
- Horizontal & vertical keystone adjustment along with cornerstone and pincushion provides the ability to square the image to the screen

**Built-In HDBaseT Support**

Simplify your installations with HDBaseT. Optimized for video applications and supporting uncompressed full HD digital video, audio, ethernet, power and various control signals. With only a single cable (up to 100m) 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.
MultiPresenter

MultiPresenter is application software that lets you display your device's screen (PC, tablet, smart phone, etc.) on the receiver projectors via wired or wireless LAN. MultiPresenter is free and available on Windows, Mac, iOS, and Android. MultiPresenter can send images from your various devices, which enables you to display real-time images with the internal camera or web pages on the smart devices in combination with a file sharing application.

Desktop Version (Win/Mac)

Computer audio and video data (audio can be transmitted only when using Windows) can be transmitted via a wireless or wired LAN.

- **Easy Connection**
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.

- **Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.**

- **Projector control**

Mobile Version (Android/iOS)

You can transmit files, photos, camera images, files of web pages, and other information stored on Android or iOS devices via a wireless LAN.

- **Easy Connection**
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.

- **Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.**

- **Projector control**

Advanced Networking Capabilities

- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Control and receive important broadcast messages via Crestron Roomview™
- MultiPresenter enables up to 16 wireless devices to be connected to the projector simultaneously with access controlled by the moderator.

- **Remote diagnostics enable the user to monitor and make adjustments to the projector remotely**
- **Simple Access Point Sending photos and documents have never been easier from a computer or iPad.**

Advanced Installation Features

**Lens Shift**

Lens shift provides greater flexibility when determining install location.

**Tilt-free**

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

**Portrait mode**

Allows the projector to be rotated (and screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the side when landscape mode is used.
**UNIQUE FEATURES**

- **Advanced AccuBlend™** ensures detailed images when non-native resolution sources are connected to the projector.
- **AutoSense™** automatically syncs with any computer signal and features one-touch image optimization.
- **Discrete source keys** for source selection.
- **Remote diagnostics** enable the user to monitor and make adjustments to the projector remotely.
- **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 five (5) years or 20,000 hours (whichever comes first) parts and labor warranty including InstaCare next business day exchange.

**SHIPS WITH**

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

**ACCESSORIES**

- SCP200: Suspended ceiling plate
- PA600CM: Ceiling mount
- NP0SLM1: Wireless LAN Module
- RMEPJ39: Replacement remote control
- PWRCBL-PJPX: Power cable
- RGBCBL-PJPX: RGB cable

**ORDERING MODEL NUMBERS**

- NP-P525WL
- NP-P525UL

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**NEC P525WL/P525UL Specifications**

**Display Technology**

- P525WL: 0.64" LCD w/ MLA
- P525UL: 0.64" LCD w/ MLA

**Light Output (Lumens)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Center</th>
<th>ECO mode OFF</th>
<th>ECO mode ECO</th>
<th>ECO mode LONG LIFE</th>
<th>Constant Brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>P525WL</td>
<td>5200</td>
<td>5000</td>
<td>3000</td>
<td>2500</td>
<td>4000</td>
</tr>
<tr>
<td>P525UL</td>
<td>2100</td>
<td>2000</td>
<td>1500</td>
<td>1100</td>
<td>1600</td>
</tr>
</tbody>
</table>

**Resolution**

- P525WL: WXGA 1280 x 800
- P525UL: WUXGA 1920 x 1200

**Contrast Ratio (up to)**

- 500,000:1 with Light Adjust

**Laser Life (50%)**

- ECO mode OFF: 20,000 hours
- ECO mode ECO: 20,000 hours
- ECO mode LONG LIFE: 20,000 hours

**Screen Size (diagonal)**

- 25 - 300 in. / 0.6 - 7.6m

**Projection Distance**

- 2.6 - 44.3 ft. / 0.8 - 13.5m

**Projection Angle**

- 0 - 10.8° tele / 0 - 17.0° wide

**Lens**

- Zoom: Manual
- Zoom Ratio: 1.6x
- Throw Ratio: 1.23 - 2.0:1
- F-number, focal length: F=1.5~2.1 / f=17.2~27.6mm
- Shift: Manual (H = +/- 9%, V = +/- 19%)

**Synchronization**

- Horizontal: 15 to 100KHz (RGB: 24KHz or over)
- Vertical: 50 to 120Hz

**Supported Video Standards**

- NTSC3.58/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM
- SD/HD Video Signal Compatibility: 4K, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i
- PC Signal Compatibility: VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, WXGA++, WSXGA+, WUXGA

**Macintosh Compatibility**

- Yes

**Input Terminals**

- RGB1 (analog): VGA 15pin D-Sub
- RGB2 (digital): HDMI (w/HDCPv1.4)
- RGB3 (digital): HDMI (w/HDCPv1.4)
- RGB4 (digital): HDBaseT
- Audio1: Stereo Mini Jack
- USB Type A: Memory (2A)
- USB Type A (behind cover): Wireless LAN (optional)
- USB Type B (behind cover): USB Service

**Output Terminals**

- Audio Out: Stereo Mini Jack
- Wired LAN port: RJ45 (10Base-T/100Base-T)
- Built-in Speaker: 20W (mono)

**Power Requirements**

- 100 – 240V AC, 50/60Hz
- Input Current: 5.0A/2.1A 5.1A/2.1A

**Power Consumption**

<table>
<thead>
<tr>
<th>Model</th>
<th>ECO mode OFF</th>
<th>ECO mode ECO</th>
<th>ECO mode LONG LIFE</th>
<th>Standby (network)</th>
<th>Standby (normal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P525WL</td>
<td>320W</td>
<td>330W</td>
<td>232W</td>
<td>32W</td>
<td>1.4W</td>
</tr>
<tr>
<td>P525UL</td>
<td>232W</td>
<td>240W</td>
<td>234W</td>
<td>34W</td>
<td>0.13W</td>
</tr>
</tbody>
</table>

**Installation Orientation**

- Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear

**Dimensions (WxDxH)**

- 18.9 x 16.0 x 5.6 in. (480 x 407 x 142.5 mm)

**Net Weight**

- 21.3 lbs. (9.7 kg)

**Carton**

- 23.3 x 19.3 x 10.2 in. (591 x 491 x 259 mm)

**Gross Weight**

- 26.9 lbs. (12.2 kg)

**Fan Noise**

<table>
<thead>
<tr>
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<th>ECO mode OFF</th>
<th>ECO mode ECO</th>
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<tbody>
<tr>
<td>P525WL</td>
<td>27dB (HIGH BRIGHT) / 24dB (OTHERS)</td>
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<td>22dB</td>
</tr>
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<td>27dB (HIGH BRIGHT) / 24dB (OTHERS)</td>
<td>23dB</td>
<td>22dB</td>
</tr>
</tbody>
</table>

**Regulations**

- Operating Temperature: 41° - 104°F / 5° - 40°C
- Humidity: 20-80% non-condensing
- Storage: 14° - 122°F / -10° - 50°C

**Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit www.necdisplay.com for details.**

www.necdisplay.com

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