**Specifications**

<table>
<thead>
<tr>
<th>P501X</th>
<th>P451X</th>
<th>P451W</th>
<th>P401W</th>
<th>PE501X</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lamp</strong></td>
<td>P501W</td>
<td>P501W</td>
<td>P501W</td>
<td>P501W</td>
</tr>
<tr>
<td><strong>Image Size</strong></td>
<td>40 (0.81 x 0.61)</td>
<td>30 (0.61 x 0.46)</td>
<td>20 (0.46 x 0.31)</td>
<td>15 (0.31 x 0.2)</td>
</tr>
<tr>
<td><strong>Screen size</strong></td>
<td>80 (1.72 x 1.08)</td>
<td>60 (1.29 x 0.81)</td>
<td>40 (0.86 x 0.54)</td>
<td>30 (0.65 x 0.40)</td>
</tr>
<tr>
<td><strong>Input Terminals</strong></td>
<td>S-Video</td>
<td>Video</td>
<td>HDMI or Stereo Mini Jack (Computer Audio IN)</td>
<td>HDMI or Stereo Mini Jack (Computer Audio IN)</td>
</tr>
<tr>
<td><strong>Output Terminals</strong></td>
<td>1 x Stereo mini Jack</td>
<td>1 x Stereo mini Jack</td>
<td>1 x Stereo mini Jack</td>
<td>1 x Stereo mini Jack</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>Manual Focus / F=1.7 to 2.2, f=17.4 to 29.0 mm</td>
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</tr>
<tr>
<td><strong>Light Output</strong></td>
<td>5000 ANSI lumens</td>
<td>4500 ANSI lumens</td>
<td>4000 ANSI lumens</td>
<td>3500 ANSI lumens</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>Approx. 60%</td>
<td>Approx. 67%</td>
<td>Approx. 60%</td>
<td>Approx. 60%</td>
</tr>
<tr>
<td><strong>Input Current</strong></td>
<td>4.1 A to 1.6 A</td>
<td>3.9 A to 1.6 A</td>
<td>3.9 A to 1.6 A</td>
<td>3.9 A to 1.6 A</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td>-228.6°C to 50°C, 20% to 80% Humidity (Non-Condensing)</td>
<td>-152.4°C to 50°C, 20% to 80% Humidity (Non-Condensing)</td>
<td>-114.3°C to 50°C, 20% to 80% Humidity (Non-Condensing)</td>
<td>-91.4°C to 50°C, 20% to 80% Humidity (Non-Condensing)</td>
</tr>
</tbody>
</table>

**Lens shift**

- Tele: 300 (6.10 x 4.57)
- Wide: 200 (4.06 x 3.05)
- 150 (3.05 x 2.29)

**Dimensions**

- Cabinet: 1164 BTU / 1109 BTU
- Lamp: 4500 ANSI lumens
- Replacement Lamp: 163 W / 270 W
- Built-in speaker: 6000 H / 4000 H
- Control terminals: 1 x RJ-45 (10BASE-T / 100BASE-TX)
- Input terminals: 2 x RCA (shared with video)
- Power cord: 2 x mini pin
- Wireless unit: 1 x Mini Din 4 pin
- Accessories: 1 x Type A, 1 x Type B
- Packaging: 1 x D-sub 9 pin
- Power connector: 1 x D-sub 9 pin
- USB connector: 1 x Type B
- Auxiliary terminal: 1 x Type B
- Audio: 1 x RCA (shared with video)

**Options**

- Replacement lamp:
  - NP02LM1
  - NP02LM2
  - NP02LM3
- Remote control:
  - L163 W / 270 W
- Cabinet cover:
  - NP02LM2
- Security sticker:
  - NP02LM1
- Manual Focus:
  - F=1.7 to 2.2, f=17.4 to 29.0 mm
- Throw ratio:
  - 1.3 to 2.2

**Environment**

- Temperature: 5°C to 40°C ([ECO MODE] is set automatically to [ON] at 35°C to 40°C), 20% to 80% Humidity (Non-Condensing)
- Humidity: 5°C to 40°C, 20% to 80% Humidity (Non-Condensing)
- Power consumption: 374 W / 357 W
- Input current: 4.2 A to 1.7 A

**Specifications**

- The projector can be unplugged during its cool down period after it is turned off.
- The images in this brochure are samples.
- All other trademarks are the property of their respective owners.
- Crestron and Crestron RoomView are trademarks or registered trademarks of Crestron Electronics, Inc.
- HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- Virtual Remote Tool uses WinI2C/DDC library, ©Nicomsoft Ltd.

**Installation projector**

**P501X/P451X/P451W/P401W/PE501X**

High brightness, high contrast ratio, multi-function projectors, designed for installation in large conference rooms and auditoriums.

http://www.nec-display.com/ap/
High brightness, high contrast ratio, multi-function projectors, designed for installation in large conference rooms and auditoriums

Features designed to make installation easier

- **Keystone correction**
  - This model has two types of keystone corrections. One is built-in Horizontal / Vertical keystone*1 and pincushion correction*2.
  - The other is the geometric correction tool (GCT) in the Image Express Utility Lite software that has more functions such as 4 points, multi-points and parameter corrections. Those allow you to correct almost all distortions in the image.

- **Vertical lens shift and 1.7x zoom for flexibility of the installation**
  - The projector is equipped with a lens shift function that can easily move the position of the projected image up or down by rotating a dial left or right, which means that the projector does not have to be moved. The projector also supports a 1.7x zoom to cover a wide throw distance. When combined with the lens shift mechanism, this makes ceiling mountings much easier.

Advanced functionality designed for wide range of connection and networking

- **Streaming video transfer capability (for Windows)**
  - Image Express Utility Lite allows you to send streaming video from the computer to a single projector over wired or wireless LAN without the need of connecting computer cable.

- **Wireless Image Utility (WIU) for iOS**
  - WIU can send image from your iOS devices such as iPad®, iPhone® and iPod touch®. This application has annotation, pointing and magnifying. WIU is available in infrastructure and Ad-hoc connection.

  - **More network capability**
    - Computer free presentation:
      - Two HDMI connectors*
      - Wired /Wireless LAN Port
    - USB port for viewer function
      - HDMI 1 IN
      - HDMI 2 IN
      - S-Video IN
      - PC Control
      - Monitor OUT
      - Audio OUT
      - USB Port

Various interfaces

- **USB Display with audio transfer (Windows only)**
  - Using a commercially available USB cable (compatible with USB 2.0 specifications) to connect the computer with the projector allows you to send your computer screen image and audio to the projector.

- **Creston Roomview supported**

Equipped with an abundance of basic functionality

- **16W built-in speaker for an integrated audio solution**
  - Powerful 16W monaural speaker provides volume needed for large rooms. A MIC input is useful for your presentation in a conference room or lecture in a classroom.

- **Equipped with an Auto Eco Mode to automatically control lamp power**
  - Auto Eco Mode automatically adjusts the brightness to suit the ambient light environment. This function can reduce the power consumption by up to 24%.

  - Both the projector and its remote control are equipped with an Eco button for easy selection of Eco Mode.

- **Equipped with a high performance filter**
  - The large filter has the two-layer construction. It provides excellent dust protection.

- **No signal information**
  - Lamp life up to 6,000H (Eco mode)
  - Contrast ratio 4000:1
  - Carbon Meter
  - DICOM-SIM supported
  - Quick start, Quick Power Off, Direct Power Off
  - Various security functions
    - Keyword protection
    - Cabinet control panel locks
    - Security slot
    - Security chain opening

- **Terminals**
  - P501X/P451X/P451W/P401W
    - HDMI IN 1, HDMI IN 2
    - USB IN
    - Audio IN
    - Audio OUT
    - PC Control
    - Monitor OUT
    - Security chain opening
    - Security slot
    - Cabinet control panel locks
    - Keyword protection

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- **16W built-in speaker for an integrated audio solution**
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  - The MIC input works on support range of microphone.

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