Powerful 3-chip 1.38" DLP installation projectors with the latest RB laser light source supports new, demanding projection conditions and achieve a high brightness of 40,000 centre lumens*, a high resolution and a wide colour gamut.

**PH3501QL**
- 40,000 centre lumens
- 35,000 lumens
- 4K
- 169 kg*

**PH2601QL**
- 30,000 centre lumens
- 26,000 lumens
- 4K
- 169 kg*

* Not including lens and NP-LV01BD

### High Brightness, High Resolution and Wide Colour Gamut

#### High Brightness by NEC’s Unique Light Source Design

Employing a highly heat-resistant phosphor wheel and highly reliable phosphor material, the projectors bring hassle free operation without light source replacement for up to 20,000 hours. In addition, NEC’s unique light source design (RB Laser) achieves a high brightness of 40,000 center lumens* and a wide colour gamut at the same time.

#### The Wide Colour Gamut that covers DCI-P3

The red and blue laser sources and green phosphor create the three primary colours. Thanks to this technology, the projector can output the DCI-P3 colour space without any filter to increase chromatic purity. In NEC’s unique laser-beam source layout, the high brightness and the wide colour gamut are compatible. It encompasses the colour gamut of ITU-R BT.709 and DCI-P3, which expands the possibilities of the picture production through the overwhelming colour gamut.

#### High Resolution of True 4K

The projectors employ a 1.38” True 4K (4,096 x 2,160) DLP chip that faithfully reproduces the input video by using a massive number of pixels to display 4K video dot-by-dot.

#### Dust Proof / Smoke Proof Optical Unit

The optical engine and laser light source unit have been designed to be completely sealed. This prevent microscopic particles like a smoke from intruding into the sealed optical unit and adhering to the optical components, which provides high reliability.

#### Cinema Quality Picture

NEC’s unique video processor, which was developed with technology that was fostered in development of the Digital Cinema Projector and image processing knowledge that was accumulated over the long-term, brings excellent picture quality through rich gradation expression and high-definition through advanced video processing technology.
Other Features

- Mechanical shutter to protect DMD and optical parts
- Easy of lift
- Metal Filter - No replacement required
- ITU-R BT.2020-compatible support through emulation mode and HDR support
- Rich 4K applicable interface and OPS slot option for expandability
- Modularised design
- Advanced colour calibration appropriate for the installation environment
- User-generated 4K logo images can be registered

Terminal

Remote control (included accessory)

Options

Cabinet dimensions

Specifications

Model name

<table>
<thead>
<tr>
<th>Model type</th>
<th>L2K-10L1</th>
<th>L2K-11L1</th>
<th>L2K-15M1</th>
<th>L2K-20M1</th>
<th>L2K-43M1</th>
<th>L2K-55M1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens Memory</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Zoom</td>
<td>3.5–329.5</td>
<td>3.5–329.5</td>
<td>3.5–329.5</td>
<td>3.5–329.5</td>
<td>3.5–329.5</td>
<td>3.5–329.5</td>
</tr>
<tr>
<td>Focus (Close - Tele)</td>
<td>3.5–2.3</td>
<td>3.5–2.3</td>
<td>3.5–2.3</td>
<td>3.5–2.3</td>
<td>3.5–2.3</td>
<td>3.5–2.3</td>
</tr>
<tr>
<td>Throw ratio</td>
<td>1.4–7.1</td>
<td>1.4–7.1</td>
<td>1.4–7.1</td>
<td>1.4–7.1</td>
<td>1.4–7.1</td>
<td>1.4–7.1</td>
</tr>
<tr>
<td>Screen size</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
</tr>
<tr>
<td>Light output (ISO)</td>
<td>3500 lumens</td>
<td>3500 lumens</td>
<td>3500 lumens</td>
<td>3500 lumens</td>
<td>3500 lumens</td>
<td>3500 lumens</td>
</tr>
<tr>
<td>Screen size</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
<td>75.5”–177.8”</td>
</tr>
<tr>
<td>Weight</td>
<td>6.8 kg</td>
<td>6.8 kg</td>
<td>7.1 kg</td>
<td>7.1 kg</td>
<td>7.9 kg</td>
<td>7.9 kg</td>
</tr>
</tbody>
</table>

Note: Thrown Ratio: 3.4996:1 x 2.16 m output value.

- This device is used in combination with NP-LV01BD (sold separately) and the projector main unit.
- The pictures sent from the connected device is then projected onto the screen.
- *Note that it cannot be used with just the projector main unit.
- *This brochure explains mainly the operation of the PH300QL, used in combination with NP-LV01BD.

PH301QL / PH2601QL Laser Projector

PH2601QL / PH301QD Laser Projector

PH2601QL / PH301QD Laser Projector

NEC Display Solutions, Ltd.

4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073, Japan

http://www.nec-display.com/ap/

Cat. No. WDPJ-1802-0011NF

©2018 NEC Display Solutions, Ltd.