

## Professional Installation Projectors

# PX Series

PX602UL | PX602WL



# Powerful installation projectors with laser-phosphor light source supports new, demanding projection applications.

## Laser Light Module

- 20,000-plus hours of virtually maintenance-free operation
- High-brightness, lower power consumption enhances applications such as retail, digital signage and theme parks
- Ability to control brightness creating a stable image over longer time periods

## Integrated and Powerful

- Project uncompressed FHD video with integrated HDBaseT
- High performance video processing/scaling creates life-like images
- Integrated software applications such as DisplayNote®, Crestron Roomview, AMX Beacon and PJ Link allow for complete interactivity and control
- Tile Matrix enables 4Kx2K resolution

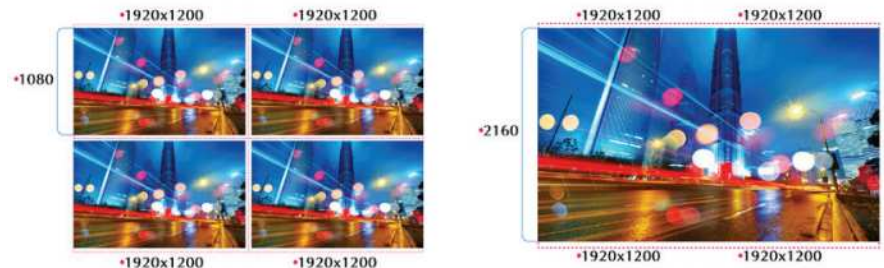
## Flexible

- Enjoy greater installation flexibility with a complete line of optional bayonet style lenses (4) for quick and easy exchange. Lens throw distances range from 3.3 to 65.5 ft
- Tilt-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation
- +/- 60% vertical lens shift and +/- 15% horizontal lens shift capabilities make alignment easy

## Screen Splitter

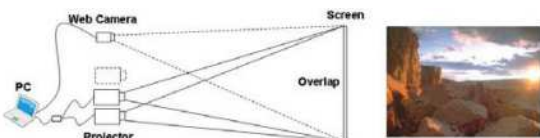
NEC is committed to bringing the latest and greatest innovation to projectors. Multi-display capabilities and TileMatrix technologies are integrated into the new PX series projectors. This processing is all done internally and therefore eliminates the additional hardware typically required to produce a beautiful 4K resolution image.

### Screen Splitter (Multi Display) by Daisy Chain



## Stacking correction

The industry's first built-in stacking correction capabilities (up to four projectors) allows the projectors to boost an image's brightness up to 24,000 lumens, which is ideal for larger-sized screens and environments with heavy ambient light. This feature also prevents the complete loss of an image, which can happen when using only one projector.



## Edge blending

This function seamlessly blends multiple projected images to display a single high-resolution image.



## 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. What's more, control signals are contained in the same cable.



## GET CONNECTED WITH A WIDE SELECTION OF INPUTS

- **Dual computer inputs** ensure quick switching between presentations
- **Four audio inputs (two mini stereo [Comp1 & Comp2] and HDMI™)** make it easy to add sound to enhance your presentations

### Remote control

Wired and wireless backlit remote allows you to adjust for complete control of the projector's menu structure in a well lit or dark environment. Direct controls such as lamp mode, aspect ratio, volume and input selection eliminates multiple button pushes.



### DisplayPort

This input provides PX Series models with expanded connectivity with advanced technology.



### Wall color correction presets

These provide for adaptive color tone correction to display properly on non-white surfaces.

On a green wall...



BEFORE auto wall correction



AFTER auto wall correction



### Input panel cover

This optional accessory creates a clean look for your installation, while hiding signal cables and the power cord.

## ADVANCED SOFTWARE FEATURES

### Cornerstone

Enhanced keystone correction allows for horizontal, vertical and diagonal image correction for aligned images even when the projector is set up at an angle to the screen.



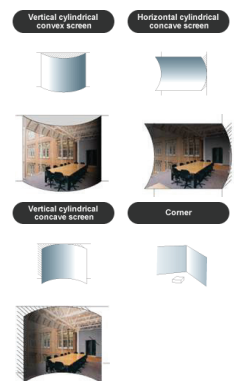
### 3D

When combined with active shutter glasses and 3D emitter, the PX Series Projectors create 3D images from a computer or Blu-ray player. The PX602UL/PX602WL utilize the 3D sync line output from the projector to connect to the 3D emitter. Optional 3D glasses and emitters from XPAND are available from NEC.



### Geometric Correction

Projecting an image isn't confined to a standard flat screen or wall with the NEC PX Series. Geometric correction allows these models to project an image on spheres, cylinders, corner angles and many more non-standard surfaces.



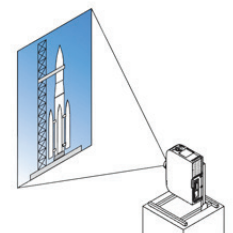
### Tilt-free

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.





## Specifications for PX602WL/PX602UL

### UNIQUE FEATURES

**3D Reform™** allows you to square the image by adjusting horizontally, vertically or diagonally when the projector cannot be placed parallel or perpendicular to the screen

**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

**64-step image magnification** with location control

**Discreet 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 3-year parts (excluding consumables) and labor warranty including the first year of InstaCare. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange.

### IN THE BOX

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

### ORDERING MODEL NUMBERS

NP-PX602UL-WH  
NP-PX602UL-BK  
NP-PX602WL-WH  
NP-PX602WL-BK

<p><b>OPTICAL</b></p> <p>Display Technology</p> <p>Light Output (lumens)</p> <p>Resolution Native</p> <p>Maximum Contrast Ratio (up to)</p> <p>Laser Life (up to) Screen Size (diagonal) Throw Ratio</p> <p>NP34ZL NP35ZL NP36ZL NP37ZL</p> <p>Projection Distance Projection Angle</p> <p>Lens*</p> <p>Zoom Zoom Ratio</p> <p>Focus F-number, f-number</p> <p>NP34ZL NP35ZL NP36ZL NP37ZL</p> <p>Shift</p> <p>Keystone Correction</p>	<p>PX602WL: 0.65" DMD PX602UL: 0.67" DMD</p> <p>6000 normal / Eco = variable</p> <p>PX602WL: WXGA 1280 x 800 PX602UL: WUXGA 1920 x 1200 WUXGA 1920 x 1200 10,000:1 with auto iris</p> <p>20,000 hours 50 to 300 in. / 1.27 to 7.62m</p> <p>0.95 - 1.2:1 1.23 - 1.52:1 1.28 - 1.6:1 1.52 - 2.92:1</p> <p>3.3 to 65.5 ft. / 1.01 to 19.96m 5.8 to 14.4" tele / 10.9 to 18.4" wide</p> <p>Manual TBD</p> <p>Manual F= 2.3 to 2.57, f= 14.03 to 17.95mm F= 2.0 to 2.32, f= 18.07 to 22.59mm F= 2.0 to 2.32, f= 18.07 to 22.59mm F= 2.3 to 3.39, f= 22.56 to 42.87mm PX602UL: Powered +/- 0.6 vertical, +/-0.15 horizontal PX602WL: Powered +/- 0.3 vertical, +/-0.15 horizontal +/- 40° horizontal, +/- 40° vertical</p>
<p><b>SIGNAL COMPATIBILITY/ CONNECTIVITY</b></p> <p>Scan Rate</p> <p>Horizontal Vertical</p> <p>Supported Video Standards SD/HD Video Signal Compatibility PC Signal Compatibility Macintosh Compatibility Input/Output Terminals</p> <p>RGB1 (analog) RGB2 (analog) RGB3 (digital) RGB4 (digital) RGB5 (digital)</p> <p>Monitor Out External Control Sync Compatibility</p>	<p>15 - 108 kHz 48 - 120 Hz</p> <p>NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM 1080p, 1080i, 720p, 576p, 576i, 480p, 480i VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA Yes</p> <p>VGA 15-pin D-sub 5-BNC HDMI w/ HDCP DisplayPort w/ HDCP HDBaseT HDMI RS-232, IR, HDBaseT, DDC/Ci, USB Separate Sync / Composite Sync / Sync on G</p>
<p><b>ELECTRICAL</b></p> <p>Power Requirements Input Current Power Consumption (ECO off/ECO Mode/Standby/ Standby-Power Saving)</p>	<p>100 - 240V AC, 50/60Hz 6.6 - 2.5A 590W / 460W / 6W / 0.5W</p>
<p><b>MECHANICAL</b></p> <p>Optional Lenses Installation Orientation Dimensions (WxDxH) Net Weight Fan Noise Regulations</p>	<p>NP33ZL, NP34ZL, NP35ZL, NP36ZL, NP37ZL, NP38ZL Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear 19.1 x 22.6 x 8.5 in. / 484 x 575 x 217mm 40.8 lbs. / 18.5 kg 39 dB normal / 34 dB eco USA: UL 1950 FCC Class B, Canada: CSA950 (C-UL), NOM</p>
<p><b>ENVIRONMENTAL</b></p> <p>Operating Temperature Humidity Storage</p>	<p>41° - 104°F / 5° - 40°C 20-80% non-condensing -14° - 122°F / -10° - 50°C</p>
<p><b>ACCESSORIES</b></p> <p>SCP200 PX750CM NP34ZL NP35ZL NP36ZL NP37ZL RMT-PJ35 NP01PW1 RGBOBL-PJPX NP07CV SB-04HC SB-06WC XPAND X105-RF-1 XPAND AD025-RF-X1 N8000-8830 N8000-8822 NECEW2-I ADVEXON1-I ADVEXON2-I</p>	<p>Suspended ceiling plate Ceiling mount 0.95 - 1.22 zoom lens PX602UL 1.23 - 1.52 zoom lens PX602WL 1.28 - 1.6:1 zoom lens 1.52 - 2.9:1 zoom lens Replacement remote control Power cable RGB cable Safety Cover for Portrait Installation 3G/HD/SD-SDI input Card WiDi / Miracast Media-Player 3D Glasses RF Emitter NEC OPS PC with Intel Core i5, 320GB Hard Drive, Windows Embedded Standard 7 NEC OPS PC with Intel Celeron, 320GB Hard Drive, Windows Embedded Standard 7 Extends term of parts and labor warranty to 4 years Extends term of InstaCare service program to 2 years Extends term of InstaCare service program to 3 years</p>



\* Lens does not ship with the projector.  
Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit [www.necdisplay.com](http://www.necdisplay.com) for details.

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