Professional Installation Projectors

P Series

Orchestrating a brighter world

P502WL | P502HL
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 Crestron Roomview, AMX Beacon and PJ Link allow for complete interactivity and control

**Flexible**
- Tilt-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation
- Lens shift capabilities make alignment easy: P502WL (+59 vertical, +/- 28% horizontal), P502HL (+62 vertical, +/- 25% horizontal)
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.

**Built-In HDBaseT Support**

**GET CONNECTED WITH A WIDE SELECTION OF INPUTS**

- **Dual computer inputs** ensure quick switching between presentations

**Remote control**

Easy control from remote allows you to adjust lamp mode, aspect ratio, volume and image all with the touch of a button.

**Wall color correction presets**

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

**Input panel cover**

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

**ADVANCED SOFTWARE FEATURES**

**Full HD 3D video (144Hz)**

When combined with active shutter glasses and 3D emitter, the M Series Projectors create 3D images from a computer or Blu-ray player. The projectors utilize the 3D sync line output to connect to the 3D emitter. Optional 3D glasses and emitters by XPAND are available from NEC (X105-RF-X2 / AD025-RF-X1)

**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.

64-step image magnification with location control

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 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.

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
NP05LM1 Wireless LAN Module
RMT-PJ35 Replacement remote control
PWRCRD-PJPX Power cable
RGBCBL-PJPX RGB cable
NP08CV Safety Cover for Portrait Installation
X105-RF-X2 XPAND 3D RF Glasses
AD025-RF-X11 XPAND 3D RF Transmitter
NECEW2-I Extends term of parts and labor warranty to 4 years
ADVEXON1-I Extends term of InstaCare service program to 2 years
ADVEXON2-I Extends term of InstaCare service program to 3 year
DNSL DisplayNote Site License

ORDERING MODEL NUMBERS

NP-P502WL
NP-P502HL

NEC P502WL/P502HL Specifications

**P502WL**

- **Display Technology**: 0.65” DMD
- **Light Output (lumens)**: 5000 normal / Eco = variable
- **Resolution**: Native WXGA 1280 x 800
- **Contrast Ratio (up to)**: 15,000:1 with auto iris
- **Laser Life (up to)**: 20,000 hours
- **Projection Distance**: 2.6 to 46.6 ft. / 0.8 to 14.2m
- **Projection Angle**: 12.6 to 12.9° tele / 21.0 to 21.9° wide
- **Input/Output Terminals**
  - RGB1 (analog) 15 pin, Component video using ADP-CV1E adapter
  - RGB2 (digital) HDMI w/HDCP
  - RGB3 (digital) HDMI w/HDCP
  - RGB4 (digital) HDBaseT
  - Video: RCA
  - Audio 1: L/R RCA (shared by video sources)
  - Audio 2: 1/8 in. stereo
  - Audio Out: mini stereo (Variable audio out)
  - Monitor Out: 15Pin D-sub
  - 3D Sync Line: 3Pin D
  - Power: 100 – 240V AC, 50/60Hz
  - Input Current: 5.7A - 2.3A
  - Power Consumption: 464W / 362W / 2.1W / 0.5W in ECO Mode
  - Installation Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
  - Dimensions: 18.5 x 14.4 x 5.4 in. / 469 x 365 x 137mm
  - Net Weight: 19.4 lbs. / 8.8 kg
  - Fan Noise: 39 dB normal / 33 dB eco
  - Regulations: USA-UL/CEUL60950-1, Laser + Lamp (IEC60825-1 Ed.3 + IEC62471-1 / -5), FCC Class B, CUL/EN60950-1, Laser + Lamp (IEC60825-1 Ed.3 + IEC62471-1 / -5), ICES-003 Class B
  - Operating Temperature: 41° – 104°F / 5° – 40°C
  - Humidity: 20-80% non-condensing
  - Storage: -14° – 122°F / -10° – 50°C

**P502HL**

- **Resolution**: 1080p x 1920
- **Contrast Ratio (up to)**: 12.4 - 2.1
- **Projection Distance**: 2.6 to 47.6 ft. / 0.8 to 14.5m
- **Projection Angle**: 12.3 to 13.5° tele / 21.9 to 22.9° wide

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