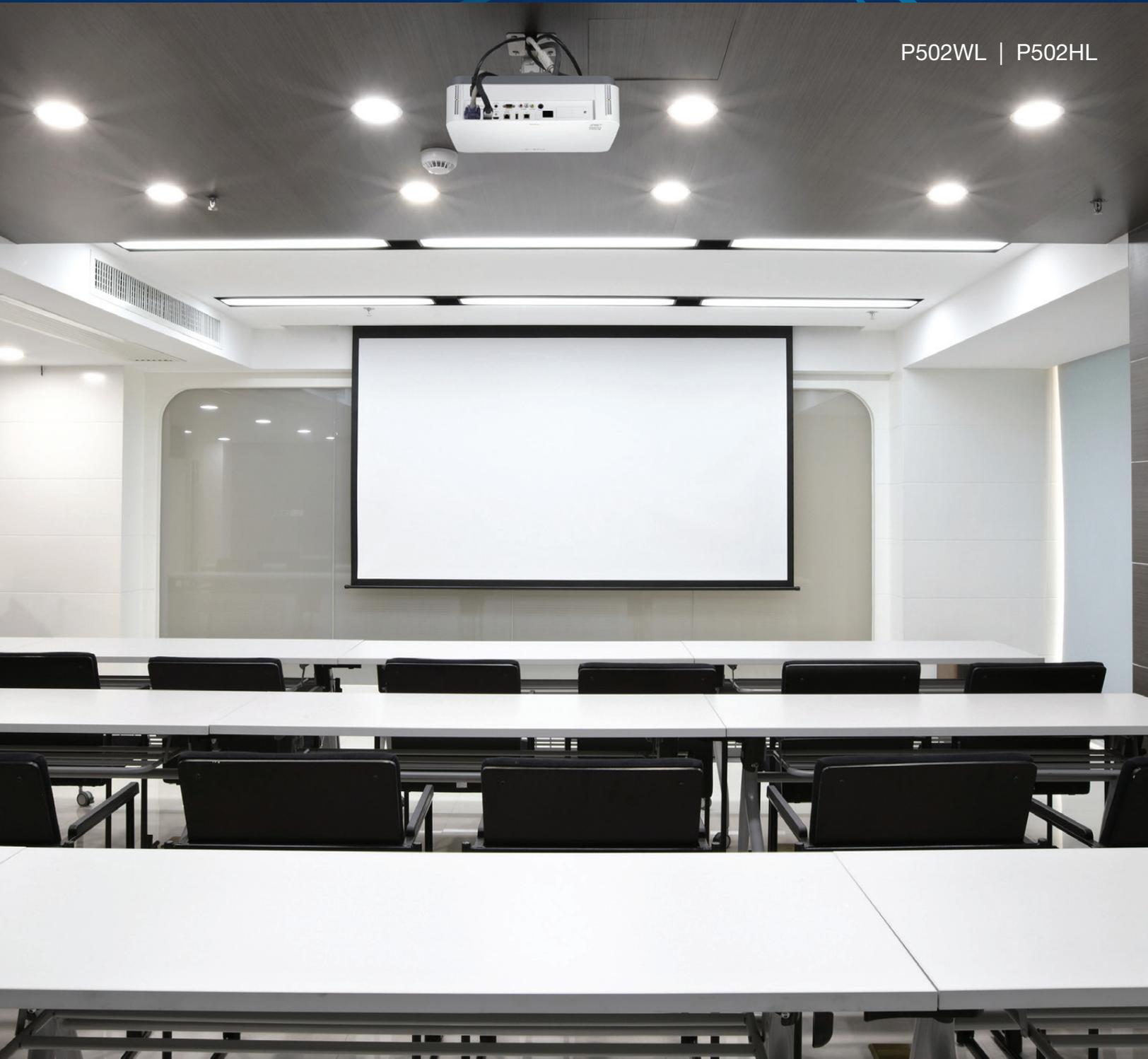Professional Installation Projectors

P Series

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
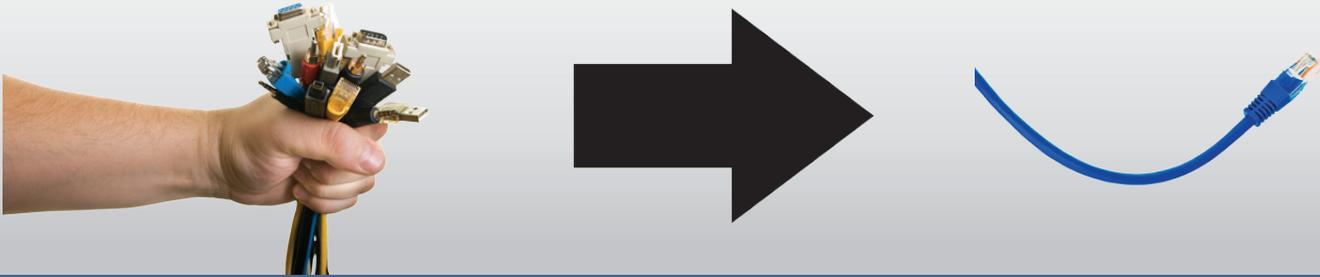
Flexible

- 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)

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

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.

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.
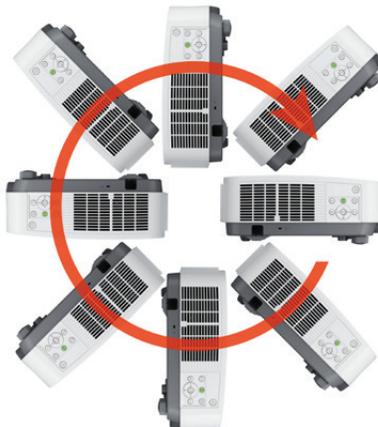
ADVANCED SOFTWARE FEATURES

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)
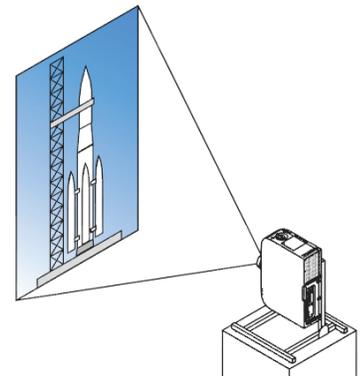
Tilt-free

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

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.

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

		P502WL	P502HL
Display Technology		0.65" DMD	
Light Output (lumens)		5000 normal / Eco = variable	
Resolution	Native	WXGA 1280 x 800	1080p 1920 x 1080
	Maximum	WUXGA 1920 x 1200	
Contrast Ratio (up to)		15,000:1 with auto iris	
Laser Life (up to)		20,000 hours	
Screen Size (diagonal)		30 to 300 in. / 0.76 to 7.62m	
Throw Ratio		1.3 - 2.2	1.24 - 2.1
Projection Distance		2.6 to 46.6 ft. / 0.8 to 14.2m	2.6 to 47.6 ft. / 0.8 to 14.5m
Projection Angle		12.6 to 12.9° tele / 21.0 to 21.9° wide	13.2 to 13.5° tele / 21.9 to 22.9° wide
Lens	Zoom	Manual	
	Zoom Ratio	1.7:1	
	Focus	Manual	
	F-number, f-number	F= 2.0, f= 18.2 to 31.1mm	
	Shift	Manual +0.59 vertical, +/-28 horizontal	Manual +0.62 vertical, +/-25 horizontal
Keystone Correction		+/- 25° horizontal, +/- 30° vertical	
Scan Rate	Horizontal	15 – 100 kHz	
	Vertical	50 – 120 Hz	
Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility		1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA	
Macintosh Compatibility		Yes	
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	
Audio		20W mono	
External Control		RS-232, IR, HDBaseT, DDC/CI, USB	
Sync Compatibility		Separate Sync / Composite Sync / Sync on G	
Power Requirements		100 – 240V AC, 50/60Hz	
Input Current		5.7A - 2.3A	
Power Consumption (ECO off/ECO Mode/Standby/Standyby-Power Saving)		464W / 362W / 2.1W / 0.5W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Dimensions (WxDxH)		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(UL60950-1, Laser + Lamp (IEC60825-1 Ed.3 + IEC62471-1/-5), FCC Part15 Class B Canada: CUL(UL60950-1, 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	

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

CERTIFIED CRESTRON Integrated Partner

InstaCare INSTANT REPLACEMENT PROGRAM

AMX

EcoCare℠

CERTIFIED FOR Windows Vista®

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

www.necdisplay.com