

# N905/NP901W

## Digital installation projectors

Powerful wireless and wired LAN connections provide high-speed, content-rich communication with your audience.

### FLEXIBILITY ENABLES PERFORMANCE

- Silicon Optix HQV™ technology is a high-performance video processing/scaling system designed for computer signals as well as standard or high-definition video. The technology produces superior video processing using pixel-based, motion-adaptive de-interlacing to remove undesirable motion artifacts typical of interlaced signals. This processing brings home-theater-quality images to meeting rooms and classrooms
- Bright enough for most applications: 3000 lumens (NP905) and 2000 lumens (NP901W)
- Windows Network Projector function within Windows Vista™ connects directly to networked projectors without the need for additional proprietary software
- Geometric correction tool allows you to project on spheres, cylinders, corner angles and more
- Remote desktop connection allows the projector to connect to a networked computer remotely. Controlling a networked computer is as simple as connecting a USB mouse and keyboard directly to the projector's USB input.
- Flexible video/data connections, including S-video, HDMI with HDCP, composite video, two computer inputs and monitor output
- Advanced color management automatically adjusts for input type (presentation, movie, video, graphic and sRGB)
- PIP/ESS allows two sources to be displayed on the screen at one time in either a picture-in-picture or side-by-side configuration
- Direct power off feature provides instantaneous shutdown of projector
- DICOM SIMulation setting designed for use in technical training for Digital Imaging and Communications in Medicine applications

### INTEGRATED NETWORKING AND ASSET MANAGEMENT

- Integrated high-speed wireless LAN IEEE 802.11b/g
  - Presentation mode enables wireless connection between computer and projector
  - Broadcast mode allows you to send information from one computer to several projectors
  - Data conferencing mode enables you to send information to the projector and other computers
  - In training mode, the presenter's computer can be used to view information on a participant's computer screen
- Desktop control allows you to securely transmit information wirelessly to the projector from a docking station or PC in another room
- Image Express Utility (IEU 2.0; compatible with Windows or Mac operating systems) dedicated projector software provides wired and wireless data transmission via peer-to-peer or over the network
- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

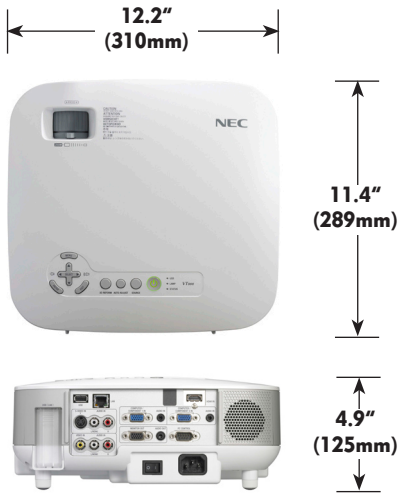
### EXTENDING THE LIFE OF THE PROJECTOR

- ECO Mode™ technology increases lamp life by up to 50%
- Cabinet control lock setting enables user to deactivate buttons on cabinet to prevent unwanted changes to projector settings
- Logo lock restricts changes to logo saved in projector memory
- Password protection restricts unauthorized use of projector
- Secure data using WEP/WPA encryption
- Email notification informs the system administrator when the lamp approaches the end of its useful life



### Series Features and Benefits

- CLOSED CAPTIONING
- HQV™ PROCESSING
- POWERFUL INTEGRATED NETWORKING AND ASSET MANAGEMENT
- REMOTE DIAGNOSTICS
- COMPREHENSIVE INPUT PANEL
- 3D REFORM WITH GEOMETRY CORRECTION
- ADDRESSABLE REMOTE CONTROL
- INCLUDES REMOTE MOUSE RECEIVER AND CARRYING CASE
- LAMP SAVER TECHNOLOGIES



## 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

**Built-in wall color correction presets** provide for adaptive color tone correction to display properly on non-white surfaces

**AutoSense™** automatically syncs with any computer signal and features one-touch image optimization

**Security bar and Kensington lock slot** enables security cable to be attached to the projector

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

**Sleep timer** can be set to automatically turn off the projector

**Computer-free presentations** via USB drive inserted directly into the projector allows you to change images using the wireless remote control provided

**Built-in HTTP page** for control and monitoring over a LAN network.

**Built-in closed captioning** enables decoding and display of text information from a video

**Addressable remote control** enables independent control of multiple projectors

## WARRANTY

Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. The lamp is covered for one year or 500 hours, whichever comes first. 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, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card, wired and wireless network setup guide, IR remote control receiver, attachable carrying handle

## Specifications for NP905/NP901W

<b>OPTICAL</b>	
Display Technology	NP905: 0.63" LCD with MLA NP901W: 0.56 LCD with MLA
Resolution Native	NP905: XGA 1024 x 768 NP901W: WXGA 1280 x 800
Maximum Light Output (lumens)	UXGA 1600 x 1200 NP905: 3000 normal NP901W: 2000 normal
Contrast Ratio	NP905: 500:1 NP901W: 400:1
Lamp Type	210W AC
Lamp Life (up to)	2500 hours normal / 3500 hours eco
Screen Size (diagonal)	21 to 300 in. / 533 to 7620mm
Throw Ratio	1.5 to 1.8
Projection Distance	2.3 to 36 ft. / 0.7 to 11m
Projection Angle	8.3 to 8.6° tele / 9.9 to 10.3° wide
Lens	
Zoom	1 to 1.2
Focus	Manual
F-number	F = 1.7 to 2.07mm, f = 18.9 to 22.7mm
Keystone Correction	+/- 40 degrees horizontal, +/- 30 degrees vertical
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	
Scan Rate	Horizontal 15 – 108 kHz / Vertical 48 – 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
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB 1 (analog)	15 pin
RGB2 (analog)	15 pin
Video 1	RCA
Video 2	S-Video
Video 3	HDMI (v1.3 lip sync and deep color)
Audio	(2) L/R RCA, (2) mini stereo
Audio Out	mini VAO
Monitor Out	Yes
Audio	5W speaker
External Control	RS-232, IR, LAN
USB	USB 2.0 high speed
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
<b>ELECTRICAL</b>	
Power Req.	100 – 240V AC, 50/60Hz
Input Current	3.7A
Power Consumption	310W normal / 260W eco
<b>MECHANICAL</b>	
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	12.2 x 11.4 x 4.9 in. / 310 x 289 x 125mm
Net Weight	8.2 lbs. / 3.7 kg
Fan Noise	35dB normal / 29dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM
<b>ENVIRONMENTAL</b>	
Operational Temp	41° – 104°F / 5° – 40°C
Humidity	20-80% non-condensing
Storage	14° – 122°F / -10° – 50°C
<b>ACCESSORIES</b>	
NP05LP	Replacement lamp
LEATHERROLLER	Leather rolling case with extension handle and laptop compartment
SCP100	Suspended ceiling plate
LEATHERCASE	Leather carrying case with laptop compartment
PWRCRD-PJPX	Power cable
RGBCBL-PJPX	RGB cable
RMT-PJ27	Replacement remote
NP01MR	Replacement IR receiver for remote control of computer
SPKR30	Amplified 30W speaker
SC200	Security cable
NP900ATA	Airtight molded plastic shipping case for projector
NP01UCM	Universal ceiling mount
NP900CM	Ceiling mount with custom adapter plate for easy access to lamp and precision gear design for exact tilt and roll adjustments
Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit <a href="http://www.necdisplay.com">www.necdisplay.com</a> for details.	



3D Reform, Advanced AccuBlend, AutoSense and ECO Mode are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change. 6/08 ver. 1.

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