NP905/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 particpant'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

  Note: Available only when displaying a computer (RGB input) and video (video or S-video input).

Series Features and Benefits

CLOSED CAPTIONING

HQV™ PROCESSING

POWERFUL INTEGRATED NETWORKING AND ASSET MANAGEMENT

REMOTE DIAGNOSTICS

COMPREHENSIVE INPUT PANEL

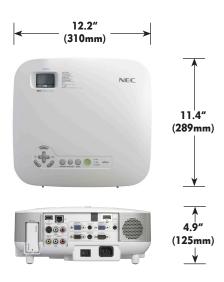3D REFORM WITH GEOMETRY CORRECTION

ADDRESSABLE REMOTE CONTROL

INCLUDES REMOTE MOUSE RECEIVER AND CARRYING CASE

LAMP SAVER TECHNOLOGIES

NEC

**12.2"
(310mm)**

**11.4"
(289mm)**

**4.9"
(125mm)**

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 3-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

OPTICAL		
	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	UXGA 1600 x 1200
	Light Output (lumens)	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 2.07, f = 18.9 to 22.7mm
	Keystone Correction	+/- 40 degrees horizontal, +/- 30 degrees vertical

SIGNAL COMPATIBILITY/CONNECTIVITY		
	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

ELECTRICAL		
	Power Req.	100 – 240V AC, 50/60Hz
	Input Current	3.7A
	Power Consumption	310W normal / 260W eco

MECHANICAL		
	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

ENVIRONMENTAL		
	Operational Temp	41° – 104°F / 5° – 40°C
	Humidity	20-80% non-condensing
	Storage	14° – 122°F / -10° – 50°C

ACCESSORIES		
	NP05LP	Replacement lamp
	LEATHERROLLER	Leather rolling case with extension handle and laptop compartment
	SCP100	Suspended ceiling plate
	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
	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
	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 years
	NECECO	Projector recycling program, disposal certificate

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

CERTIFIED
CRESTRON
Integrated Partner

AMX
DEVICE DISCOVERY

EcoCare℠

InstaCare

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

NEC Display Solutions

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