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
### Specifications for NP905/NP901W

#### OPTICAL
- Display Technology: NP905: 0.63" LCD with MLA, NP901W: 0.56 LCD with MLA
- Resolution:
  - NP905: WXGA 1280 x 800
  - NP901W: WXGA 1280 x 800
- Maximum 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:
  - 1 to 1.2
  - Manual
  - F = 1.7 to 2.07mm, f = 18.9 to 22.7mm
  - +/- 40 degrees horizontal, +/- 30 degrees vertical
- Zoom:
  - Focus:
  - F-number:
  - Keystone Correction:

#### SIGNAL COMPATIBILITY/CONNECTIVITY
- Scan Rate: Horizontal 15 – 108 kHz / Vertical 48 – 120 Hz
- Supported Video Standards: NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM
- Sync Compatibility: Separate Sync / Composite Sync / Sync on G
- Input/Output Terminals:
  - RGB 1 (analog)
  - RGB2 (analog)
  - Video 1
  - Video 2
  - Audio
  - Audio Out
  - Monitor Out
- USB:
  - Type: External Control
  - Interface: USB 2.0 high speed
  - Sync Compatibility: Yes
- External Control:
  - Yes
  - Interfaces: USB, IR, LAN

#### ELECTRICAL
- Power Req.:
  - 100 – 240V AC, 50/60Hz
- Input Current:
  - 3.7A
- Power Consumption:
  - 310W normal / 260W eco
- MECHANICAL
  - 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
- ENVIRONMENTAL
  - Operational Temp:
    - 41° – 104° F / 5° – 40°C
    - 20-80% non-condensing
    - 14° – 122° F / -10° – 50°C
- Storage

#### ACCESSORIES
- Replacement lamp
- Leather rolling case with extension handle and laptop compartment
- Suspended ceiling plate
- Leather carrying case with laptop compartment
- Power cable
- RGB cable
- Replacement remote
- Replacement IR receiver for remote control of computer
- Amplified 30W speaker
- Security cable
- Airtight molded plastic shipping case for projector
- Universal ceiling mount
- 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 www.necdisplay.com for details.