

NP Installation Series

NP1150/NP2150/NP3150 digital installation projectors

Powerful installation projectors equipped to take on the most demanding integration projects.

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 creates life-like images in applications such as video conferencing.
- Bright enough for most applications: 3700 ANSI (NP1150), 4200 ANSI (NP2150) and 5000 ANSI (NP3150)
- Vertical and horizontal lens shift enables flexible projector placement
- Windows Network Projector function within Windows Vista™ connects directly to networked projectors without the need for additional proprietary software
- Complete line of optional bayonet style lenses allow for a quick and easy lens change
- 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, component video, DVI with HDCP, composite video, two computer inputs (1-HD15 and 1-RGBHV) 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.

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 the participant's computer image on the projector
- 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

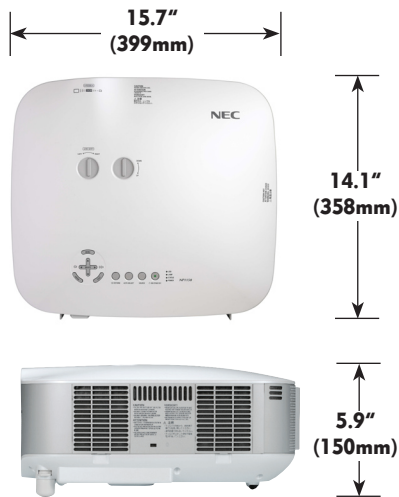
EXTENDING THE LIFE OF THE PROJECTOR

- Eco-Mode™ technology increases lamp life by up to 50%
- Lamp saver technologies enable the cooling fan to continue running even after the power source is disconnected. Built-in sensors protect the lamp and projector from overheating.
- 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

- VERTICAL AND HORIZONTAL LENS SHIFT
- HQV™ PROCESSING
- WINDOWS NETWORK PROJECTOR
- REMOTE DESKTOP CONNECTION
- COMPLETE LINE OF (5) BAYONET STYLE LENSES
- POWERFUL INTEGRATED NETWORKING AND ASSET MANAGEMENT
- REMOTE DIAGNOSTICS
- COMPREHENSIVE INPUT PANEL
- 3D REFORM WITH GEOMETRY CORRECTION
- 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

Direct power off protects the lamp by enabling the cooling fan to continue running after power is disconnected

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

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

Discreet source keys for source selection

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

High-speed wireless IEEE802.11g and improved circuitry provide communication up to three times faster than previous models

Built-in HTTP page for control and monitoring over a LAN network. E-mail notification of error messages or lamp end-of-life can be sent to remote locations.

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, remote control cable, 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, PC Card lock, lens anti-theft screw

Specifications for NP1150/NP2150/NP3150

OPTICAL Display Technology Resolution Native Maximum Light Output (lumens) Contrast Ratio Lamp Type Lamp Life (up to) Screen Size (diagonal) Throw Ratio Projection Distance Projection Angle Lens Zoom Focus F-number Shift	0.8" LCD with MLA XGA 1024 x 768 UXGA 1600 x 1200 NP1150: 3700 normal NP2150: 4200 normal NP3150: 5000 normal 600:1 330W AC 2000 hours normal / 3000 hours eco 25 to 500 in, 635 to 12,700mm 1.5 to 2.0 (standard lens) 2.5 to 68.5 ft, 0.74 to 20.9 m 10.3 to 10.8° tele / 13.7 to 14.5° wide 1 to 1.33 Manual F = 1.7 to 2.2mm, f = 24.4 to 32.5mm Manual: 50% vertical, 10% horizontal
SIGNAL COMPATIBILITY/CONNECTIVITY Scan Rate Supported Video Standards SD/HD Video Signal Compatibility PC Signal Compatibility Macintosh Compatibility Input/Output Terminals RGB 1 (analog) RGB2 (analog) RGB3 (digital) Video 1 Video 2 Video 3 Audio Audio Out Monitor Out Audio External Control Sync Compatibility	Horizontal 15 – 108 kHz / Vertical 48 – 120 Hz NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM 1080i, 720p, 576p, 576i, 480p, 480i VGA, SVGA, XGA, SXGA, SXGA+, UXGA Yes 15 pin 5-BNC DVI-D w/ HDCP RCA S-Video Component (2) L/R RCA, (3) mini stereo mini VAO Yes 5W speaker RS-232, IR Separate Sync / Composite Sync / Sync on G
ELECTRICAL Power Req. Input Current Power Consumption	100 – 240V AC, 50/60Hz 5.9A NP1150/NP2150: 460W NP3150: 490W
MECHANICAL Installation Orientation Dimensions (WxDxH) Net Weight Fan Noise Regulations	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear 15.7 x 14.1 x 5.9 in. / 399 x 358 x 150mm 16.5 lbs / 7.5 kg NP1150/NP2150: 34dB normal/30dB eco NP3150: 38dB normal/31dB eco USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM
ENVIRONMENTAL Operational Temp Humidity Storage	41° – 104°F / 5° – 40°C 20-80% non-condensing 14° – 122°F / -10° – 50°C
ACCESSORIES NP06LP NP1000CM NP1000TC NP1000ATA SCP100 NP01FL NP02ZL NP03ZL NP04ZL NP05ZL PW RCRD-PJPX RGBCBL-PJPX RMT-PJ22	Replacement lamp Ceiling mount Rolling case with extension handle ATA certified case for shipping and secure storage Suspended ceiling plate 0.8:1 fixed short throw lens 1.18 – 1.54:1 zoom lens 1.94 – 3.07:1 zoom lens 2.98 – 4.77:1 zoom lens 4.62 – 7.02:1 zoom lens Power cable RGB cable Replacement remote
Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit www.necddisplay.com 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. 10/07 ver. 1.

©2007 NEC Display Solutions of America, Inc.
All rights reserved.

NEC Display Solutions

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

NEC