

NP Installation Series

NP1150/NP2150/NP3150/NP3151W 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 lumens (NP1150), 4000 lumens (NP3151W), 4200 lumens (NP2150) and 5000 lumens (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

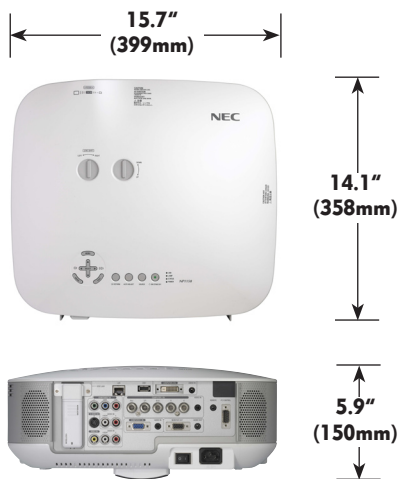
EXTENDING THE LIFE OF THE PROJECTOR

- 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

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

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 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, 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/NP3151W

OPTICAL

Display Technology

NP1150/NP2150/NP3150: 0.8" LCD with MLA
NP3151W: 0.74" LCD with MLA

Resolution Native

NP1150/NP2150/NP3150: XGA 1024 x 768
NP3151W: WXGA 1280 x 800

Maximum Light Output (lumens)

UXGA 1600 x 1200
NP1150: 3700 normal
NP2150: 4200 normal
NP3150: 5000 normal

Contrast Ratio

NP3151W: 4000 normal
NP1150/NP2150/NP3150: 600:1
NP3151W: 500:1

Lamp Type

330W AC

Lamp Life (up to)

2000 hours normal / 3000 hours eco

Screen Size (diagonal)

25 to 500 in, 635 to 12,700mm

Throw Ratio

1.5 to 2.0 (standard lens)

Projection Distance

2.5 to 68.5 ft, 0.74 to 20.9 m

Projection Angle

10.3 to 10.8° tele / 13.7 to 14.5° wide

Lens

Zoom

1 to 1.33

Focus

Manual

F-number

F = 1.7 to 2.2, f = 24.4 to 32.5mm

Shift

Manual: 50% vertical, 10% horizontal

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

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)

5-BNC

RGB3 (digital)

DVI-D w/ HDCP

Video 1

RCA

Video 2

S-Video

Video 3

Component

Audio

(2) L/R RCA, (3) mini stereo

Audio Out

mini VAO

Monitor Out

Yes

Audio

5W stereo

External Control

RS-232, IR

Sync Compatibility

Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Req.

100 – 240V AC, 50/60Hz

Input Current

NP1150/NP2150: 5.5A

NP3150/NP3151W: 5.9A

Power Consumption

NP1150/NP2150: 460W

NP3150/NP3151W: 490W

MECHANICAL

Installation Orientation

Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear

Dimensions (WxDxH)

15.7 x 14.1 x 5.9 in. / 399 x 358 x 150mm

Net Weight

16.1 lbs / 7.3 kg

Fan Noise

NP1150: 33dB normal/30dB eco

NP2150: 34dB normal/30dB eco

NP3150/NP3151W: 38dB normal/31dB 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

NP06LP

Replacement lamp

NP3150CM

Ceiling mount

NP3150TCover

Input terminal cover

NP1000TC

Rolling case with extension handle

NP1000ATA

ATA certified case for shipping and secure storage

SCP100

Suspended ceiling plate

NP01FL

0.8:1 fixed short throw lens

NP02ZL

1.18 – 1.54:1 zoom lens

NP03ZL

1.94 – 3.07:1 zoom lens

NP04ZL

2.98 – 4.77:1 zoom lens

NP05ZL

4.62 – 7.02:1 zoom lens

PW RCRD-PJPX

Power cable

RGBCBL-PJPX

RGB cable

RMT-PJ26

Replacement remote

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.