

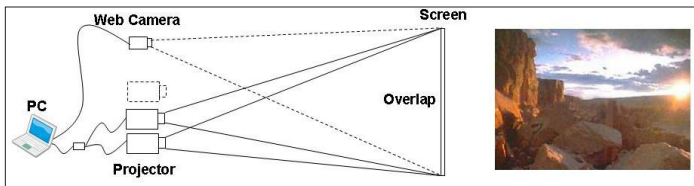
NP Installation Series

NP3250/NP3250W/NP2250/NP1250 digital installation projectors

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

FLEXIBILITY ENABLES PERFORMANCE

- ° The industry's first built-in stacking correction capabilities (up to four projectors) allows the projectors to boost an image's brightness up to 20,000 lumens, which is ideal for larger-sized screens and environments with heavy ambient light. This feature also prevents the complete loss of an image, which can happen when using only one projector.



- ° Integrated Device Technology HQV™ 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: 5000 lumens (NP3250), 4000 lumens (NP3250W), 4200 lumens (NP2250) and 3700 lumens (NP1250)
- ° Geometric correction tool allows you to project on spheres, cylinders and more

INTEGRATED NETWORKING AND ASSET MANAGEMENT

- ° Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- ° Integrated high-speed wireless LAN IEEE 802.11b/g
- ° 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
 - Broadcast mode allows you to send information from one computer to several projectors
- ° Windows Network Projector function within Windows Vista connects directly to networked projectors without the need for additional proprietary software
- ° Windows Remote Desktop function allows you to control a networked computer by connecting a USB mouse and keyboard directly to the projector's USB input
- ° Windows Network Drive Function displays multimedia files (.jpeg, .bmp, .png, .mpeg2 or .wmv9) in the Windows shared folder on a local network using the Viewer function—all without bringing your PC into the conference room
- ° Windows Media Connection Function displays multimedia files (.mpeg2, .jpeg or .wmv9) stored on the Windows Media Connect server or a local network using the Viewer function—all without bringing your PC into the conference room

SECURITY FEATURES PROVIDE PEACE OF MIND

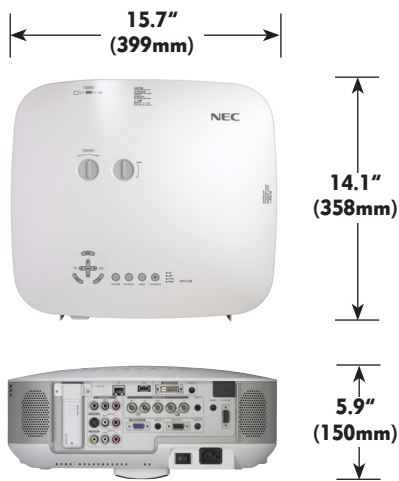
- ° Cabinet control lock setting enables user to deactivate buttons on cabinet to prevent unwanted changes to projector settings
- ° Logo lock restricts changes to logo saved in projector memory
- ° Password protection restricts unauthorized use of projector
- ° Email notification informs the system administrator when the lamp approaches the end of its useful life

EXTENDING THE LIFE OF THE PROJECTOR

- ° ECO Mode™ technology increases lamp life by up to 50%
- ° Direct power off protects the lamp by enabling the cooling fan to continue running after power is disconnected
- ° 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.
- ° Sleep timer can be set to automatically turn off the projector

Series Features and Benefits

- STACKING CAPABILITY
- 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

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

64-step image magnification with location control

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

Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

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

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

Vertical and horizontal lens shift enables flexible projector placement

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

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 NP3250/NP3250W/NP2250/NP1250

OPTICAL

Display Technology

NP3250/NP2250/NP1250: 0.8" LCD with MLA
NP3250W: 0.74" LCD with MLA

Resolution Native

NP3250/NP2250/NP1250: XGA 1024 x 768
NP3250W: WXGA 1280 x 800

Maximum Light Output (lumens)

UXGA 1600 x 1200
NP3250: 5000 normal
NP3250W: 4000 normal
NP2250: 4200 normal
NP1250: 3700 normal

Contrast Ratio

NP3250/NP2250/NP1250: 600:1
NP3250W: 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

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

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

NP3250/NP3250W: 5.9A

NP1250/NP2250: 5.5A

Power Consumption

NP3250/NP3250W: 490W

NP1250/NP2250: 460W

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

NP3250/NP3250W: 38dB normal/31dB eco

NP2250: 34dB normal/30dB eco

NP1250: 33dB normal/30dB 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.