

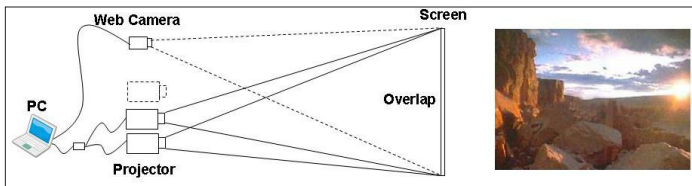
# NP Installation Series

## 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, corner angles 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

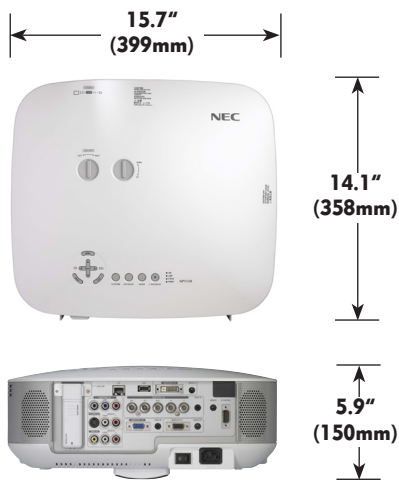
- Cabinet control lock setting enables user to deactivate buttons on cabinet to prevent unwanted changes to projector settings
- Logo lock restricts changes to logo saved in projector memory
- Password protection restricts unauthorized use of projector
- Email notification informs the system administrator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

<b>OPTICAL</b>	
Display Technology	NP3250/NP2250/NP1250: 0.8" LCD with MLA NP3250W: 0.74" LCD with MLA
Resolution	NP3250/NP2250/NP1250: XGA 1024 x 768 NP3250W: WXGA 1280 x 800
Native	UXGA 1600 x 1200
Maximum Light Output (lumens)	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
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	
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
<b>ELECTRICAL</b>	
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
<b>MECHANICAL</b>	
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
<b>ENVIRONMENTAL</b>	
Operational Temp	41° – 104°F / 5° – 40°C
Humidity	20-80% non-condensing
Storage	14° – 122°F / -10° – 50°C
<b>ACCESSORIES</b>	
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 <a href="http://www.necdisplay.com">www.necdisplay.com</a> for details.	

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