Build power into the system
NP1000 and NP2000 digital installation projectors.

VERTICAL AND HORIZONTAL LENS SHIFT

COMPLETE LINE OF 5 BAYONET STYLE LENSES

POWERFUL INTEGRATED NETWORKING AND ASSET MANAGEMENT

REMOTE DIAGNOSTICS

COMPREHENSIVE INPUT PANEL

ADVANCED VIDEO PROCESSING WITH CONTRAST ENHANCEMENT AND VORTEX TECHNOLOGY

3D REFORM WITH GEOMETRY CORRECTION

LAMP SAVER TECHNOLOGIES

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

FLEXIBILITY ENABLES PERFORMANCE.

- **Bright** enough for most any application: 3500 ANSI (NP1000) and 4000 ANSI (NP2000).
- **Vertical and horizontal lens shift** enables flexible projector placement.
- **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.
- **Flexible video/data connections** including S-Video, Component Video, DVI with HDCP, composite video, 2 computer inputs 1-HD15, 1- RGBHV and monitor output.
- **Advanced video processing with Contrast Enhancement technology** delivers exceptional picture management control for both progressive and interlaced sources while making images more vibrant, colors more realistic and blacks richer with detail.
- **3D 10-Bit Video Decoder** offers black level expansion and adaptive gamma correction.
- **Built-in wall color correction presets** provide for adaptive color tone correction to display properly on non-white surfaces.
- **3D Reform™** provides the ability to square the image by adjusting horizontally, vertically or diagonally when the projector cannot be placed parallel or perpendicular to the screen.
- **Advanced color management** automatically adjusts for input type (presentation, movie, video, graphic and sRGB).
- **USB/PC card flexibility** allows you to play back presentations or display images stored as .jpgs from standard PCMCIA cards or optional USB memory (NP01MD).

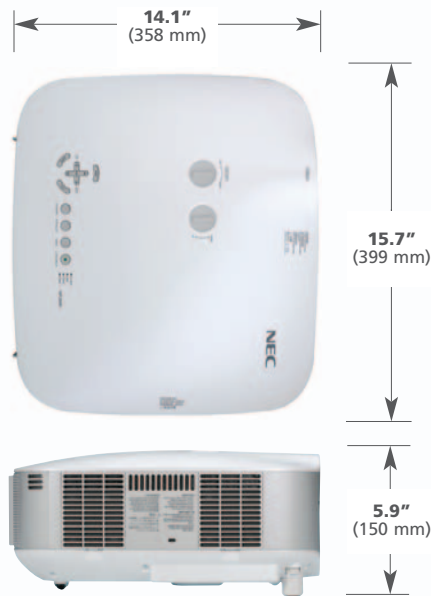### INTEGRATED NETWORKING AND ASSET MANAGEMENT.

- **Integrated high speed wireless** LAN IEEE 802.11b/g (using optional wireless card).
  - **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 projector from docking station or PC in another room.
- **Image Express Utility (IEU 2.0)** dedicated projector software provides wired and wireless data transmission via peer-to-peer or over the network. Compatible with Windows and MAC operating systems.
- **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.

- **Extended lamp life with Eco-mode™ technology** that 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.
- **E-mail notification** informs the system administrator when the lamp approaches the end of its useful life.

Because It's your Image

NEC

14.1"
(358 mm)

15.7"
(399 mm)

5.9"
(150 mm)

Build power into the system
NP1000 and NP2000 digital installation projectors.

UNIQUE FEATURES

3D Reform™	Provides the ability to square the image by adjusting 3D Reform horizontally, vertically or diagonally when the projector can not 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 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.
Contrast Enhancement	Delivers exceptional picture management control for both progressive and interlaced sources, while making images more vibrant, colors more realistic and blacks richer with detail.
3D 10-Bit Video Decoder	Offers black level expansion and adaptive gamma correction
Autosense	Automatically syncs with any computer signal and features one touch image optimization.
VORTEX™ Technology Plus	Breakthrough image processing technology improves white level, color accuracy, dynamic range and varying levels of black in an image.
Eco-Mode™ Technology	Extends lamp life, lowers audible noise and reduces total cost of ownership.
Kensington Lock Slot	Enables security cable to be attached to projector.
Magnification	64-step image magnification with location control
Sleep Timer	Count down timer can be set to automatically turn off the projector
Discreet Source Keys	Projector and remote feature direct access buttons for source selection
Computer Free Presentations	Insert a USB drive or PCMCIA card directly into the projector and change images using the wireless remote control provided with the projector.
High Speed Wireless	IEEE802.11g and improved circuitry provide wireless communication up to 3 times faster than available from previous models.

RepairCare™   **InstaCare™**

For more information, call 1.800.NEC.INFO
or visit www.necvisualsystems.com

NEC is a registered trademark of NEC Corporation.
All other trademarks are the property of their respective owners.
All specifications subject to change without notice.

NEC Solutions (America), Inc.
Visual Systems Division
1250 Arlington Heights Rd., Suite 400
Itasca, IL 60143-1248

OPTICAL

Display Technology	0.8 in LCD with MLA	
Resolution	Native:	XGA 1024 x 768
	Maximum:	UXGA 1600x1200
Light Output (lumens)	NP1000	3500 normal
	NP2000	4000 normal
Contrast Ratio	800:1	
Lamp Type	300W AC	
Lamp Life (up to)	2000 hours normal/3000 hours eco	
Screen Size (diagonal)	25-500 in, 635-12700 mm	
Throw Ratio	1.5 - 2.0 (standard lens)	
Projection Distance	2.5 to 68.5 ft, .74m to 20.9m	
Projection Angle	10.3 to 10.8° tele, 13.7 to 14.5° wide	
Lens	Zoom	1 to 1.33
	Focus	manual
	F-#, f-#	F=1.7 to 2.2 mm, f=24.5 to 32.6mm
	Shift	Manual: 50% vertical, 10% horizontal

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal: 15 to 100 kHz – Vertical: 48 to 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
	RGB 2 (analog)	5 BNC
	RGB 3 (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	RS232, IR	
Sync Compatibility	Separate Sync/Composite Sync/Sync on G	
Networking	Wired LAN using integrated RJ45, 802.11b/g wireless with optional card	

ELECTRICAL

Power Req.	100 - 240VAC, 50/60Hz
Input Current	4.6A
Power Consumption	435W

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 150 mm
Net Weight	16 lbs, 7.3kg
Fan Noise	35 dB normal/30 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM

ENVIRONMENTAL

Operational Temp	41° to 104°F / 5° to 40°C
Humidity	20-80% (non-condensing)
Storage	14° to 122°F / -10° to 50°C

WARRANTY

Registered owners receive a 3-year limited warranty including InstaCare. Includes three year limited warranty on parts and one year limited warranty on labor. The lamp is covered for one year or 500 hours - whatever 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

ACCESSORIES

Order Code	Description
NP01LP	Replacement lamp
NWL-100A	Wireless LAN Card
NP1000CM	Ceiling mount
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
PWRCRD-PJPX	Power cable
RGBCBL-PJPX	RGB cable
RMT-PJ22	Replacement remote

Because It's your Image

NEC