

# NP Installation Series

## NP2200/NP1200 digital installation projectors

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

### FLEXIBILITY ENABLES PERFORMANCE

- **Bright enough for most applications:** 4200 lumens (NP2200) and 3700 lumens (NP1200)

### VERSATILE FEATURES AND POWERFUL PERFORMANCE

- With **XGA native resolution**, up to 4200 lumens and patented NEC technologies, the NP1200 and NP2200 display impressive image quality
- **Comprehensive input panel** includes a 5BNC input that supports RGB, component and composite signals to support the multitude of sources being attached to the projector
- **Powerful 5-watt stereo speaker system** provides volume needed for large rooms
- **Virtual Remote (DDC/CI)** over the VGA cable to control the projector directly from a computer without the need for additional control cables
- **Variable audio-out** enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.
- **Built-in wall color correction presets (including White Board Mode)** provide for adaptive color tone correction to display properly on non-white surfaces
- **Easy control from remote** allows you to adjust lamp mode, aspect ratio, volume and image all with the touch of a button

### DESIGNED WITH THE ENVIRONMENT IN MIND

- **Extended lamp life with ECO Mode™ technology** increases lamp life up to 3000 hours, while lowering power consumption
- **Power management** enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- **Auto Power On** via the Computer1 (15-pin) input connector when a signal is detected from a computer
- **Carbon savings meter** calculates the positive effects of operating the projector in ECO Mode, which is encouraged by an optional message at startup. A green ECO Mode button on the remote control makes the switch easy.
- **Quick start (5 seconds)** lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage
- **Sleep timer** can be set to automatically turn off the projector at set countdown times
- **Filter life** increased by three times compared to previous generation models
- **Low power consumption** (0.4W in stand-by mode) minimizes energy costs



### Series Features and Benefits

CLOSED CAPTIONING

LONG LAMP LIFE (UP TO 3000 HOURS)

EASY TO USE

VIRTUAL REMOTE

MONITOR OUTPUT

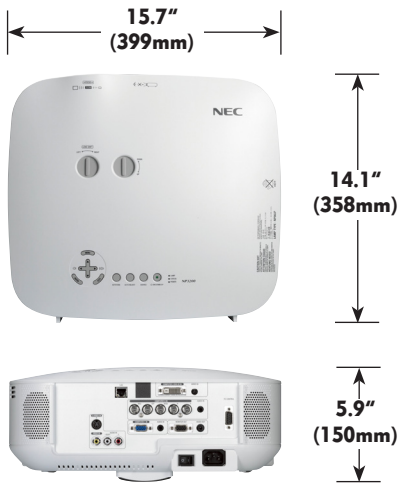
MANUAL VERTICAL KEYSTONE CORRECTION

5-WATT STEREO SPEAKERS

COMPLETE LINE OF (5) BAYONET-STYLE LENSES

VARIABLE AUDIO OUT

VERTICAL AND HORIZONTAL LENS SHIFT



## UNIQUE FEATURES

**Advanced AccuBlend™** ensures detailed images when non-native resolution sources are connected to the projector

**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

**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.

**Vertical and horizontal lens shift** enables flexible projector placement

## 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 NP2200/NP1200

<b>OPTICAL</b>	
Display Technology	0.8" LCD with MLA
Resolution	XGA 1024 x 768 UXGA 1600 x 1200
Native Maximum	NP2200: 4200 normal / ECO = approx. 88% of normal mode NP1200: 3700 normal / ECO = approx. 88% of normal mode
Light Output (lumens)	600:1
Contrast Ratio	300W AC
Lamp Type	2000 hours normal / 3000 hours eco
Lamp Life (up to)	25 to 500 in, 635 to 12,700mm
Screen Size (diagonal)	1.5 to 2.0 (standard lens)
Throw Ratio	2.5 to 68.5 ft, 0.74 to 20.9 m
Projection Distance	10.3 to 10.8° tele / 13.7 to 14.5° wide
Projection Angle	
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	+/- 30 degrees vertical
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	
Scan Rate	Horizontal 15 – 100 kHz / Vertical 50 – 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
Audio	L/R RCA, (3) mini stereo
Audio Out	mini VAO
Monitor Out	Yes
Audio	5W stereo
External Control	RS-232, IR, LAN, DDC/CI
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
<b>ELECTRICAL</b>	
Power Req.	100 – 240V AC, 50/60Hz
Input Current	4.3A
Power Consumption (Normal Mode/ECO Mode/Standby/Power Saving)	393W / 345W / 12W / 0.4W
<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	16.3 lbs / 7.4 kg
Fan Noise	NP2200: 34dB normal/30dB eco NP1200: 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
NP3250CM	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-PJ30	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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