PE Series

PE401H digital projector

A powerhouse projector packed with essential features, the PE Series projector is designed for conference and classrooms.

Essential Features for Ease of Use

- Bright images can be easily viewed in most applications
- High contrast images (2000:1) from the latest Texas Instruments DLP® engine featuring BrilliantColor™ technology with improved color accuracy
- Intuitive remote control provides one-touch source changes and complete menu control

Versatile Features and Powerful Performance

- Powerful 8-watt stereo speakers provide volume needed for large rooms
- Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Plug and Play setup and operation optimizes images displayed from computers and video sources
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA, Dual HDMI and composite inputs
- Compact size and lightweight design simplifies transport of projector
- AV mute and video image freeze allows you to control the presentation and focus audience attention

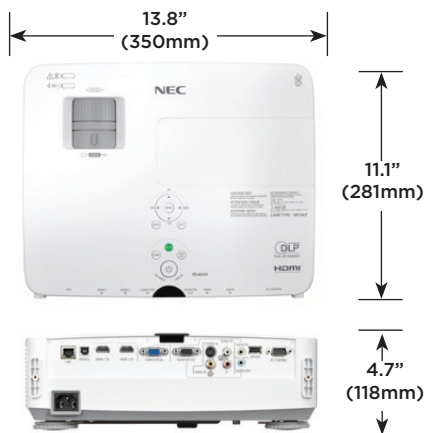## Designed with the Environment in Mind

ECO MODE

- Extended lamp life with ECO Mode™ technology increases lamp life up to 3300 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 RGB (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 (3 to 4 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage

When combined with active shutter glasses (NP02GL), 3D Ready PE Series projectors use DLP Link™ technology, developed by Texas Instruments, to create 3-D images.

DLP® 3D READY

Note: For use with 3D images from a computer.

13.8"
(350mm)

11.1"
(281mm)

4.7"
(118mm)

UNIQUE FEATURES

BrilliantColor™ technology advanced video processing from Texas Instruments delivers more vibrant and realistic colors and blacks richer with detail.

Intelligent Driving Scheme (IDS2) technology has been adopted to extend the lamp life of the projector up to 3300 hours in ECO Mode and 2500 hours normal.

ECO Mode technology extends lamp life, lowers audible noise and reduces total cost of ownership.

Built-in closed captioning enables decoding and display of text information from a video.

Kensington lock slot enables security cable to be attached to projector.

Filter-free design eliminates the hassle and time spent monitoring and/or changing filters.

10-step image magnification with location control.

WARRANTY

Registered owners receive a 3-year parts and labor warranty, including the first year of Insta-Care. 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.

SHIPS WITH

Remote control, batteries, RGB cable, power cord, user's manual, product registration card

ORDERING MODEL NUMBERS

NP-PE401H

Specifications for PE401H

OPTICAL

Display Technology	0.65" DLP by Texas Instruments with BrilliantColor
Light Output (lumens)	4000 normal
Resolution	
Native	1080p 1920 x 1080
Maximum	1080p 1920 x 1080
Contrast Ratio (up to)	2000:1
Lamp Type	330W AC
Lamp Life (up to)	2500 hours normal / 3300 hours eco
Screen Size (diagonal)	23 to 200 in. / 584 to 5080mm
Throw Ratio	1.6 - 2.72
Projection Distance	2.7 to 39.5 ft. / 0.82 to 12 m
Projector Angle	14° wide / 12.7° tele
Lens*	
Zoom	1 - 1.1
Focus	Manual
F-number	F=2.40 to 3.29, f=23.95 to 40.52mm
Keystone Correction	+/- 40°

SIGNAL COMPATIBILITY/ CONNECTIVITY

Scan Rate	
Horizontal	30 - 100 kHz
Vertical	50 - 120 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL-M, N, B, D, G H, I, SECAM
SD/HD Video Signal Compatibility	480i, 576i, 480p, 576p, 720p, 1080i, 1080p
PC Signal Compatibility	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB1 (analog)	15-pin, component video using ADP-CV1E adapter
RGB2 (digital)	HDMI w/ HDCP
RGB3 (digital)	HDMI w/ HDCP
Video 1	RCA
Video 2	S-Video
Audio 1	L/R RCA (shared by video source)
Audio 2	1/8 in. stereo
Audio Out	Mini Stereo (Variable audio out)
Monitor Out	Yes
Audio	8W stereo speakers
External Control	LAN, RS-232C (D-Sub 9pin), IR, USB-B (service only)
Sync Compatibility	Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements	100 – 240V AC, 50/60 Hz
Input Current	2.7A / 1.4A
Power Consumption	
Normal Mode / ECO Mode / Standby / Power Saving Mode	410W / 310W / 12W / 0.5W

MECHANICAL

Installation Orientation	Table/Front, Table/Rear
Dimensions (WxDxH)	13.8 x 11.1 x 4.7 in. / 350 x 281 x 118mm
Net Weight	10.1 lbs. / 4.6 kg
Fan Noise	36 dB normal / 31 dB eco
Regulations	USA UL60950-1 FCC Part 15 Class B, Canada CSA60950-1, NOM

ENVIRONMENTAL

Operational Temp	41° – 104°F / 5° – 40°C
Humidity	20-80% non-condensing
Storage	-4° – 122°F / -20° – 50°C

OPTIONAL ACCESSORIES

MP300CM	Ceiling mount
NP024LP	Replacement lamp
NP02GL	Active shutter 3-D glasses
RMT-PJ32	Replacement remote control
SCP200	Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts
ADP-CV1E	Component video adapter converts component video to D-sub 15-pin
PWRCRD-PJPX	Power cable
RGBCBL-PJPX	RGB cable
NECEW1-MP	Extends term of parts and labor warranty to 3 years
NECEW2-MP	Extends term of parts and labor warranty to 4 years
ADVEXON1-MP	Extends term of InstaCare service program to 2 years
ADVEXON2-MP	Extends term of InstaCare service program to 3 years

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

CRESTRON

AMX DEVICE DISCOVERY

DLP PICTURE BY TEXAS INSTRUMENTS

EcoCare℠

InstaCare℠

NEC Display Solutions
500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

necdisplay.com

NEC