NP Portable Series

NP216 digital projector

The NP216, a portable projector that touts advancements such as DLP® technology yet boasts unrivaled affordability, was designed with a feature set that makes it ideal for use in educational settings.

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
° Color-coded and clearly labeled input panel provides intuitive setup
° Intuitive remote control provides one-touch source changes and complete menu control
° 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

DESIGNED WITH THE ENVIRONMENT IN MIND

° Extended lamp life with ECO Mode™ technology increases lamp life up to 5000 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
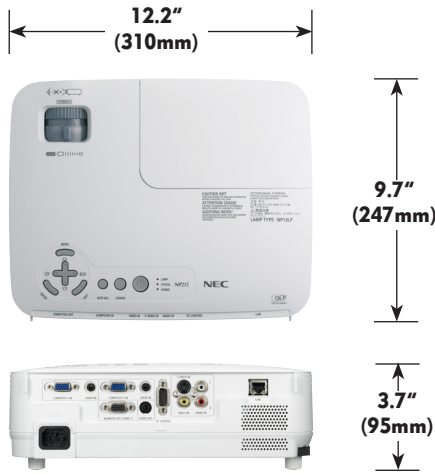
VERSATILE FEATURES AND POWERFUL PERFORMANCE

° Powerful 7-watt speaker provides volume needed for large classrooms and conference rooms
° 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 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
° Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
° Flexible input panel connects with computer, composite video, S-Video and component video (using optional 15-pin adapter cable)
° Compact size and lightweight design simplifies transport of projector
° 10-step image magnification with location control allows you to zoom in on key information
° AV mute and video image freeze allows you to control the presentation and focus audience attention
° Aspect ratio control provides standard and widescreen display
° Fine tune the image with color temperature, brightness and contrast adjustments

ECO MODE

Educational Features and Benefits

3-D READY

LONG LAMP LIFE

EASY TO USE

CARBON SAVINGS METER

HIGH BRIGHTNESS

DUAL COMPUTER INPUTS

BUILT-IN SPEAKER

MONITOR OUTPUT

VARIABLE AUDIO-OUT

BUILT-IN NETWORKING

When combined with active shutter glasses (NP01GL), the 3-D Ready NP216 uses DLP Link™ technology, developed by Texas Instruments, to create 3-D images

PICTURE BY DLP® TEXAS INSTRUMENTS

DLP® 3-D READY

NEC

12.2"
(310mm)

9.7"
(247mm)

3.7"
(95mm)

UNIQUE FEATURES

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

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

IN THE BOX

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

WARRANTY

Registered owners receive a 2-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.

Specifications for NP216

OPTICAL

Display Technology	0.55" DLP by Texas Instruments with BrilliantColor
Resolution	
Native	XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Light Output (lumens)	2500 normal
Contrast Ratio (up to)	2000:1
Lamp Type	180W AC
Lamp Life (up to)	3500 hours normal / 5000 hours eco
Screen Size (diagonal)	33 to 300 in. / 838 to 7620mm
Throw Ratio	1.95 to 2.15
Projection Distance	3.9 to 39.4 ft. / 1.2 to 12m
Projection Angle	14° wide / 12.7° tele
Lens	
Zoom	1 - 1.1
Focus	Manual
F-number	F = 2.41 to 2.55, f = 21.83 to 24mm
Keystone Correction	+/- 40 degrees

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal 15 - 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
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 (analog)	15-pin, component video using ADP-CV1E adapter
Video 1	RCA
Video 2	S-video
Audio 1	1/8 in. stereo
Audio 2	1/8 in. stereo
Audio 3	L/R RCA (shared by video sources)
Audio Out	Mini stereo (variable audio out)
Monitor Out	Yes
Audio	7W speaker
External Control	RS-232, IR, Wired LAN
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Monitor Out	Yes

ELECTRICAL

Power Requirements	100 – 240V AC, 50/60 Hz
Input Current	2.6A
Power Consumption (Normal Mode/ECO Mode/Standby/Standby [Power Saving])	242W / 217W / 4W / 0.49W

MECHANICAL

Installation Orientation	Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxHxD)	12.2 x 3.7 x 9.7 in. / 310 x 95 x 247mm
Net Weight	5.7 lbs. / 2.6 kg
Fan Noise	34 dB
Regulations	USA UL 1950 FCC Class B, Canada CSA 950 (C-UL), NOM

ENVIRONMENTAL

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

ACCESSORIES

NP13LP	Replacement lamp
NP01UCM	Universal ceiling mount
NP215CASE	Projector carrying case
NP01GL	Active shutter 3-D glasses
RMT-PJ30	Replacement remote control
LEATHERCASE	Padded leather briefcase with compartments for laptop and projector
LEATHERROLLER	Padded leather briefcase with wheels, extension handle and compartments for laptop and projector
SC200	Security cable for connection to projector
SCP100	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

CERTIFIED **Crestron** Integrated Partner

AMX DEVICE DISCOVERY

EcoCare℠ *InstaCare*™

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NEC