NP Mobile Series

NP43 and NP64 digital projectors

The world's most portable, high-brightness projectors, sporting a footprint smaller than a hardcover book, the NP43 and NP64 are bright, powerful and packed with technological innovations.



EVERYTHING IS AUTOMATIC TO MAKE PRESENTING EASY FOR YOU

- Automatic startup powers on the projector as soon as it is plugged into a power outlet
- Automatic focus instantly provides a sharp detailed image. You don't need to make any adjustments as the projector automatically focuses for you.
- Automatically detects source and projects the image with auto input selection
- AutoSense™ intuitively syncs the projector with most computer signals and features one-touch image optimization
- Automatic vertical keystone correction technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- Instant shutdown enables projector to be turned on and off from a wall switch or power strip. Quick startup and instant shut down enables "the show" to start and end according to your schedule.
- Auto Power ON via the RGB (15-pin) input connector when a signal is detected from a computer
- Built-in lens cover works in conjunction with the A/V mute to turn off the image without the need to shut down the projector during a presentation

ADAPTABLE TO VIRTUALLY ANY APPLICATION

- High brightness up to 3000 lumens packed into a projector weighing a mere 3.7 pounds
- Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces
- Aspect ratio control enables you to display in three modes: normal, cinema & native
- HD compatibility suports 1080i, 720p, 576p, 480p, 576i & 480i
- Audio Input via the stereo mini connector brings presentations to life
- USB port provides computer-free presentation capabilities using a USB thumb drive. Send images directly from a phone or computer using the optional Bluetooth adapter (NP64 only).

LOW COST OF OWNERSHIP WHILE EXTENDING THE LIFE OF THE PROJECTOR

- Extended lamp life with ECO Mode™ technology that increases lamp life by up to 40% for up to 3500 hours
- 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.
- Power management can be set to automatically shut off the projector when an incoming signal is not detected
- Enhanced multi-level security features protect your investment
  - Integrated lock slot - attach security cable to physically lock down the projector
  - Cabinet control lock – setting to deactivate buttons on cabinet to prevent unwanted changes to projector settings
  - Password protection restricts unauthorized use of projector
- Quiet operation at < 32dB in ECO Mode

Compatible with Windows 7

Series Features and Benefits

HIGH BRIGHTNESS

UP TO 3000 LUMENS

LIGHTWEIGHT - ONLY 3.7 LBS.

AUTOMATIC FOCUS

QUICK STARTUP AND INSTANT SHUT DOWN

HIGH CONTRAST

AUTOMATIC SOURCE SELECTION

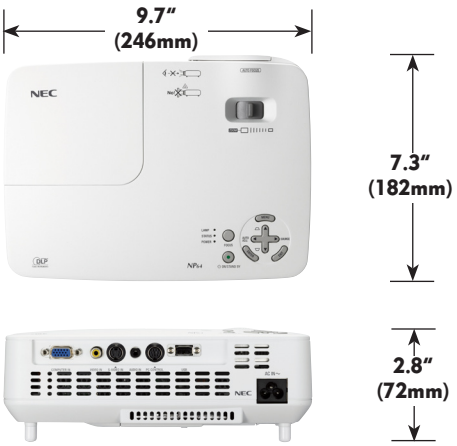
ADVANCED VIDEO PROCESSING

AUTOMATIC KEYSTONE CORRECTION

CARRYING CASE INCLUDED

PICTURE BY DLP TEXAS INSTRUMENTS

Note: Input panel applies only to the NP64



ADDITIONAL FEATURES

Advanced video processing with IP conversion and 3-2/2-2 pull down provides error-free interpolation for moving video resulting in a smooth image with greater detail

BrilliantColor™ technology can dramatically increase system brightness and color saturation at mid and low video levels, while optimizing color gain across the full color gamut

PC control port enables external control of the projector using a computer or control system RS-232C (Mini DIN 8 pin)

Kensington lock slot enables a security cable to be attached to the projector

64-step image magnification with location control

Sleep timer can be set to automatically turn off the projector

Direct power off protects the lamp by enabling the cooling fan to continue running after power is disconnected

IN THE BOX

Carrying case, remote control, battteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, 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 NP43/NP64

OPTICAL	
Display Technology	DLP (0.55" DMD)
Resolution	
Native	XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Light Output (lumens)	NP43: 2300 normal / Eco = approx. 85% of normal mode NP64: 3000 normal / Eco = approx. 75% of normal mode
Contrast Ratio (up to)	1600:1
Lamp Type	NP43: 200W AC / 170 eco NP64: 220W AC / 170 eco
Lamp Life (up to)	2500 hours normal / 3500 hours eco
Screen Size (diagonal)	33 to 300 in. / .84 to 7.62m
Throw Ratio	1.8 to 2.2
Projection Distance	4.8 to 44 ft. / 1.45 to 13.4m
Projection Angle	12.3 to 12.6° tele / 14.7 to 15° wide
Lens	
Zoom	1 to 1.2
Focus	Automatic/Manual
F-number	F = 2.2 to 2.34, f = 20.4 to 24.5mm
Keystone Correction	Automatic or manual +/- 40°
SIGNAL COMPATIBILITY/CONNECTIVITY	
Scan Rate	Horizontal 15 - 100 kHz (RGB: 24 - 100 kHz) Vertical 50 - 120 Hz (above 85 Hz = 1024 x 768 or lower)
Supported Video Standards	NTSC, NTSC 4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM
SD/HD Video Signal Compatibility	480i, 480p, 576i, 576p, 720p, 1080i
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB (analog)	15-pin
Video 1	RCA
Video 2	S-Video
Audio	1/8 in. stereo
USB Port	Type A (NP62 only)
External Control	RS-232, IR, mini DIN 8-pin
Audio	0.3W speaker
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
ELECTRICAL	
Power Requirements	100 – 240V AC, 50/60 Hz
Input Current	NP43: 2.8/1.2A NP64: 3.2/1.4A
Power Consumption Normal Mode/ECO Mode/ Standby (Power Saving)	NP43: 266W / 221W / 3.2W NP64: 292W / 223W / 3.2W
MECHANICAL	
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	9.7 x 7.2 x 2.8 in. / 246 x 182 x 72mm
Net Weight	3.7 lbs. / 1.7 kg
Fan Noise	37dB normal / 32dB eco
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	-14° – 122°F / -10° – 50°C
ACCESSORIES	
IR-RCVR	IR receiver enables PJ remote to control PC or Mac functions
WPA001	802.11b/g wireless adapter connects to projector to receive data from wireless PC
NP01BA	Bluetooth USB adapter to receive wireless images from a PC/PDA or mobile phone
SPKR30	Amplified 30-watt speaker for connection to PJ, microphone or video source
SC200	Security cable attaches to PJ lock slot
ADP-CV1E	Component video to VGA adapter
LEATHERCASE	Leather case with compartments for laptop and PJ
LEATHERROLLER	Leather rolling case with compartments for laptop and PJ / fits in most airline storage bins
NP40CM	Ceiling mount with adapter plate
ADJ006009	6-9 in. adjustable extension column for use with PJ mount
ADJ0012018	12-18 in. adjustable extension column for use with PJ mount
ADJ0203	2-3 ft. adjustable extension column for use with PJ mount
ADJ0305	3-5 ft. adjustable extension column for use with PJ mount
SCP100	Adjustable suspended ceiling plate for use with ceiling mount
NP08LP	Replacement lamp for NP43
NP09LP	Replacement lamp for NP64
RMT-PJ30	Replacement remote control
PWRCRD-NP40	Replacement power cord
RGBCBL-PJPX	Replacement RGB signal cable
VLMTC-02	3-year international service program provides U.S. and Canadian customers loaner and repair services in Europe, Japan and Australia
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
NECECO	Projector recycling program, disposal certificate

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