Getting the job done never fit so well
NP40, NP50 and NP60 digital projectors.

The world's most portable high brightness projectors, sporting a footprint smaller than a hardcover book, the NP40, NP50 and NP60, are bright, powerful and packed with technological innovations.

EVERYTHING IS AUTOMATIC TO MAKE PRESENTING EASY FOR YOU.

- **Automatic start-up** 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, 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 shut down** enables projector to be turned on and off from a wall switch or power strip. Quick start-up and instant shut down enables "the show" to start and end according to your schedule.

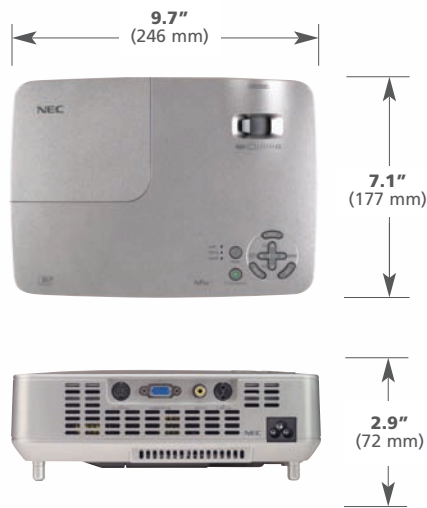### ADAPTABLE TO VIRTUALLY ANY APPLICATION.

- **High brightness up to 3,000 lumens** packed into a projector weighing a mere 3.5 pounds.
- **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.
- **Built-in wall color correction presets** provide for adaptive color tone correction to display properly on non-white surfaces.
- **PC control port** enables external control of the projector using a computer or control system. RS-232C (Mini DIN 8 pin)
- **Aspect ratio control** enables you to display in 3 modes: normal, cinema & native.
- **Vertical position control** in cinema mode.
- **HD compatibility** suports 1080i, 720p, 576p, 480p, 576i & 480i.
- **Power Management** can be set to automatically shut off the projector when an incoming signal is not detected.

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 50% for up to 3,000 hours.
- **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 <35dB in Eco-Mode.
- **Advanced cooling system** continuously cools projector and **enables instant shut down.**

EXTREME BRIGHTNESS
UP TO 3000 LUMENS

LIGHTWEIGHT ONLY 3.5 LBS.

AUTOMATIC FOCUS

QUICK START AND INSTANT
SHUT DOWN

HIGH CONTRAST

AUTOMATIC SOURCE SELECTION

ADVANCED VIDEO PROCESSING

AUTOMATIC KEYSTONE CORRECTION

CARRYING CASE INCLUDED

Because It's your Image

NEC

9.7"
(246 mm)

7.1"
(177 mm)

2.9"
(72 mm)

Getting the job done never fit so well
NP40, NP50 and NP60 digital projectors.

OPTICAL

Display Technology	0.55" DMD
Resolution	Native: XGA 1024 x 768: Maximum: UXGA 1600x1200
Light Output (lumens)	NP40 2200 normal, 2000 eco
	NP50 2600 normal, 2300 eco
	NP60 3000 normal, 2400 eco
Contrast Ratio	NP40 1500:1
	NP50 1600:1
	NP60 1600:1
Lamp Type	NP40 200W AC, 180 eco
	NP50 200W AC, 180 eco
	NP60 220W AC, 180 eco
Lamp Life (up to)	2000 hours normal, 3000 hours eco
Screen Size (diagonal)	33-300 in, .84-7.62m
Throw Ratio	1.8 - 2.2
Projection Distance	4.8 to 44 ft, 1.45 to 13.4m
Projection Angle	12.3-12.7° tele / 14.7-15° wide
Lens	Zoom: 1.0 to 1.2; Focus: Automatic/manual; F-#, f-#: F=2.2 to 2.34 mm, f=20.4 to 24.5mm
Keystone Correction	Automatic or manual +/- 16°

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal	15 to 100 kHz
	Vertical	50 to 85 Hz
Supported Video Stds	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
	Video 1	RCA
	Video 2	S-Video
External Control	RS232, IR, mini DIN 8 pin	
Sync Compatibility	Separate Sync/Composite Sync/Sync on G	

ELECTRICAL

Power Req.	100 - 240VAC, 50/60Hz	
Input Current	3.0/1.2A	
Power Consumption	NP40	265W / 240W
	NP50	265W / 240W
	NP60	285W / 240W

MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	9.7x7.1x2.9 in, 246x177x72 mm
Net Weight	3.5 lbs, 1.6 kg
Fan Noise	40 dB normal/35 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

UNIQUE FEATURES

Automatic Focus	Built-in image sensor provides crystal clear display
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.
Auto Keystone Correction	Instantly project a square image even when the projector is set up at a steep offset angle to the screen.
Eco-Mode™ Technology	Extends lamp life, lowers audible noise and reduces total cost of ownership.
Built-in Wall Color Correction	Presets provide for adaptive color tone correction to display properly on non-white surfaces.
Kensington Lock Slot	Enables security cable to be attached to projector.
Image Magnification	64-step image magnification with location control.
Sleep Timer	Count down timer can be set to automatically turn off the projector.
Direct Power Off	Cooling system allows instant shut off of projector

WARRANTY

Registered owers 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

Carrying case, remote control, battteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card"

ACCESSORIES/WARRANTY PROGRAMS

Accessory	Description
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
SPKR30	Amplified 30 watt speaker for connection to projector, microphone or video source
SC200	Security cable attaches to projector lock slot
ADP-CV1E	Component video to VGA adapter
Cases	
LEATHERCASE	Leather case with compartments for laptop and projector
LEATHERROLLER	Leather rolling case with compartments for laptop and projector, fits in most airplane storage bins
NP40ATA	Airtight molded plastic shipping case for projector
Installation	
NP40CM	Ceiling mount with adapter plate designed for NP40/50/60 projectors
ADJ006009	6 to 9 inch adjustable extension column for use with projector mount
ADJ0012018	12 to 18 inch adjustable extension column for use with projector mount
ADJ0203	2 to 3 foot adjustable extension column for use with projector mount
ADJ0305	3 to 5 foot adjustable extension column for use with projector mount
SCP100	Adjustable suspended ceiling plate for use with ceiling mount
Replacement Parts	
NP02LP	Replacement lamp for NP40 / NP50
NP03LP	Replacement lamp for NP60
RMT-PJ23	Replacement remote control
PWRCRD-NP40	Replacement power cord
RGBCBL-PJPX	Replacement RGB signal cable
Warranty Programs	
VLNPL-01	Extends term of parts and labor warranty to include 3 years labor
VLIC03	Extends term of InstaCare service program to 3 years
VLMTC-02	3 year international service program provides U.S. and Canadian customers loaner and repair services in EU, Japan and Australia
NECECO	Recycling program for NEC and non-NEC projectors that weigh less than 40 pounds

InstaCare   **EcoCare**   **POWERUP** projector trade-in program

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 Corporation of America
Visual Systems Division
1250 Arlington Heights Rd., Suite 400
Itasca, IL 60143-1248

Because It's your Image

NEC