NP Short Throw Series

NP500WS and NP600S short-throw, digital projectors

Easy to use and at the right price, NP Short Throw Series projectors provide all the essential features that you need to connect with your audience.

ESSENTIAL FEATURES FOR EASE OF USE

- **Quick startup** lets you begin presenting in seconds
- **Top cover lamp change** provides for easy lamp changes without removal of the projector from the mount
- **Bright images** easily viewed in any application
- **Automatic keystone correction technology** instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- **Auto Power On** via the RGB (15-pin) input connector when a signal is detected from a computer
- **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

VERSATILE FEATURES AND POWERFUL PERFORMANCE

- With **XGA and WXGA native resolutions**, high brightness up to 2600 lumens and patented NEC technologies, NP Short Throw Series portable projectors display impressive image quality
- **Dual computer inputs, including DVI-I**, ensure quick switching between presentations
- **Powerful 7-watt speaker** provides volume needed for large rooms
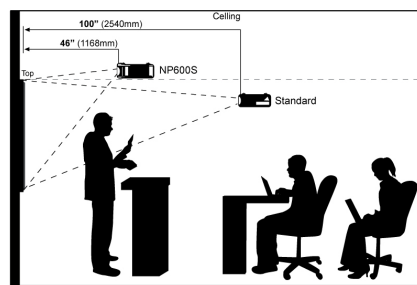
SAVE MONEY, RESOURCES AND YOUR PROJECTOR

- **Extended lamp life with ECO Mode™ technology** increases lamp life up to 4000 hours, while lowering power consumption
- **Nearly silent operation** with noise level as low as 29dB in ECO Mode
- **Power management** enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- **Password protection** restricts unauthorized use of projector
- **Cabinet control lock setting** enables user to deactivate buttons on cabinet to prevent unwanted changes to projector settings
- **Email notification** informs the system administrator when the lamp approaches the end of its useful life
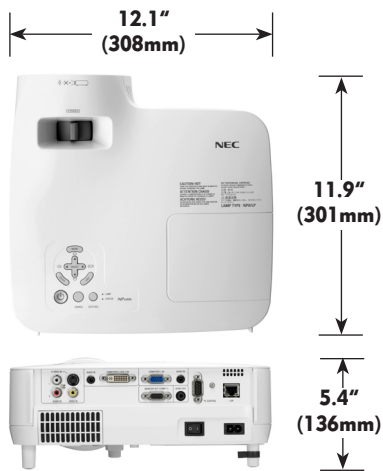
Series Features and Benefits

CLOSED CAPTIONING

LONG LAMP LIFE

EASY TO USE

VIRTUAL REMOTE

MONITOR OUTPUT

AUTOMATIC KEYSTONE CORRECTION

7-WATT SPEAKER

DVI-I INPUT

VARIABLE AUDIO OUT

NP600S short throw projector vs. standard projector

Ceiling
100" (2540mm)
46" (1168mm)
Top
NP600S
Standard

Short throw creates a 77" diagonal image from 3 feet, 10 inches, eliminating shadows on the screen along with projected light in the presenter's eyes created by traditional front projection systems

Virtual Remote over the VGA cable allows you to control the projector directly from a computer without the need for additional control cables

NEC

12.1"
(308mm)

11.9"
(301mm)

5.4"
(136mm)

NEC

UNIQUE FEATURES

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

64-step image magnification with location control

Countdown sleep timer can be set to automatically turn off the projector

Built-in HTTP page for control and monitoring over a LAN network

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

Plug and Play intuitive setup and operation

Versatile, color-coded connections to computer, video sources and external monitor

Autosense™ intuitively syncs the projector with most computer signals and features one-touch image optimization

One-touch source changes and complete menu control using the intuitive projector keypad

Variable audio-out enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector

Built-in wall color correction presets 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

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.

IN THE BOX

Carrying case, carrying handle for projector, remote control, batteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card, DVI-I – VGA adapter

Specifications for NP500WS & NP600S

OPTICAL

Display Technology	NP500WS: 0.59" LCD with MLA NP600S: 0.63" LCD
Resolution Native	NP500WS: WXGA 1280 x 800 NP600S: XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Light Output (lumens)	NP500WS: 2100 normal / Eco = approx. 80% of normal mode NP600S: 2600 normal / Eco = approx. 80% of normal mode
Contrast Ratio	600:1
Lamp Type	NP500WS/NP600S: 230W AC / 170W eco
Lamp Life (up to)	3000 hours normal / 4000 hours eco
Screen Size (diagonal)	NP500WS: 66 – 94 in., 1.7-2.4m NP600S: 70 – 100 in., 1.8-2.5m
Throw Ratio	0.74:1
Projection Distance	NP500WS/NP600S: 2.9 - 5.6 ft. / 0.9 - 1.7m
Projection Angle	NP500WS/NP600S: 29.1º tele / 29.4º wide
Lens	
Zoom	1.2
Focus	Manual
F-#, f-#	F = 2.3, f = 9.7mm
Keystone Correction	Automatic or manual +/- 20º

SIGNAL COMPATIBILITY/CONNECTIVITY

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,Y/Cb/Cr component (with optional adapter – ADP-CV1E)
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB 1 (analog)	15 pin
RGB2	DVI-I w/ HDCP
Video 1	RCA
Video 2	S-Video
Audio 1	L/R RCA (shared by video sources)
Audio 2	1/8 in. stereo
Audio 3	1/8 in. stereo
Audio Out	mini stereo (Variable audio out)
Monitor Out	Yes
Audio	7W speaker
External Control	RS-232, IR, LAN, DDC/CI
Sync Compatibility	Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Req.	100 - 240V AC, 50/60Hz
Input Current	NP500WS/NP600S: 3.8A/1.5A
Power Consumption (Normal Mode/ ECO Mode/Standby (Power Saving)	NP500WS/NP600S: 325W / 240W / 3W

MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	12.1 x 11.9 x 5.4 in. / 308 x 301 x 136mm
Net Weight	7.3 lbs. / 3.3 kg
Fan Noise	35 dB normal / 29 dB eco
Regulations	UL60950-1, CSA60950-1, FCC Part 15 Class B, ICES-03 Class B, NOM-001-SCFI-1993

ENVIRONMENTAL

Operational Temp	41° - 95°F / 5° - 40°C
Humidity	20-80% non-condensing
Storage	14° - 122°F / -10° - 50°C

ACCESSORIES

NP01MR	IR receiver enables PJ remote to control PC and MAC functions
WPA001	802.11b/g wireless adapter
SPKR30	Amplified 30 watt speaker
SC200	Security cable attaches to projector lock slot
ADP-CV1E	Component video to VGA adapter
LEATHERCASE	Leather case with compartments for laptop and projector
LEATHERROLLER	Leather rolling case for laptop and PJ, fits in most airplane storage bins
NP600CM	Ceiling mount
NP01UCM	Universal ceiling mount for projectors weighing less than 40 pounds
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
NP07LP	Replacement lamp for NP500WS and NP600S
RMT-PJ21	Replacement remote control

WARRANTY PROGRAMS

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

Additional accessories are available, including screens, carts, mount accessories and replacement cables.
Visit www.necdisplay.com for details.

AMX DEVICE DISCOVERY

CERTIFIED CRESTRON Integrated Partner

EcoCare℠

InstaCare

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