

NEC V SERIES

V311X and V311W
digital projectors

Affordable with essential features, V Series mobile projectors are designed to provide brilliant display of information in meeting and conference rooms.



Essential Features

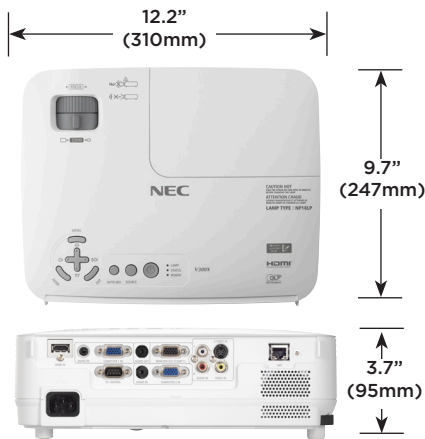
- Bright images can be easily viewed in most applications
- High contrast images (3000:1) from the latest Texas Instruments DLP® engine featuring BrilliantColor™ technology with improved color accuracy
- Intuitive remote control provides one-touch source changes and complete menu control
- Integrated 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

Environmentally-Conscious

- 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 and Powerful

- Powerful 7-watt speaker provides 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
- VIDi technology, a Phillips innovation designed to work in conjunction with the color wheel, uses a brilliant pulse to increase the brightness of the image and a dark pulse to increase the contrast ratio
- Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA, HDMI, composite and S-Video inputs
- 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



UNIQUE FEATURES

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

Crestron Roomview provides unified management, including the ability to switch the power on and off for multiple projectors connected to a network.

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 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.

SHIPS WITH

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

Specifications for NP-V311X/V311W

OPTICAL

Display Technology	V311X: 0.55" DLP by Texas Instruments with BrilliantColor V311W: 0.65" DLP by Texas Instruments with BrilliantColor 3100 normal
Light Output (lumens)	
Resolution Native	V311X: XGA 1024 x 768 V311W: WXGA 1280 x 800
Contrast Ratio (up to)	3000:1
Lamp Type	225W AC
Lamp Life (up to)	3000 hours normal / 5000 hours eco
Screen Size (diagonal)	33 - 300 in. / 838 to 7620mm
Throw Ratio	V311X: 1.95 - 2.15 V311W: 1.55 - 1.70
Projection Distance	V311X: 3.9 to 39.4 ft. / 1.2 to 12m V311W: 3.3 to 36.0 ft. / 1 to 11m
Projection Angle	V311X: 14° wide / 12.7° tele V311W: 14.1° wide / 12.9° tele
Lens*	1 - 11
Zoom	Manual
Focus	F=2.41 to 2.55, f=21.83 to 24mm
F-number	
Keystone Correction	+/- 40°

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	15 - 100 kHz 50 - 120 Hz
Horizontal	
Vertical	
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, 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+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	15-pin, Component video using ADP-CV1E adapter
RGB1 (analog)	15-pin
RGB2 (analog)	HDMI w/HDCP
RGB3 (digital)	RCA
Video 1	S-Video
Video 2	L/R RCA (shared by video sources)
Audio 1	1/8 in. stereo
Audio 2	1/8 in. stereo
Audio 3	Yes (variable)
Audio Out	Yes
Monitor Out	7W speaker
Audio	RS-232, IR, Wired LAN
External Control	Separate Sync / Composite Sync / Sync on G
Sync Compatibility	

ELECTRICAL

Power Requirements	100 - 240V AC, 50/60Hz
Input Current	3.0A / 1.4A
Power Consumption (ECO Mode off/ ECO Mode/Standby/Standby-Power Saving)	278W / 216W / 0.4W

MECHANICAL

Installation Orientation	Table/Front, Table/Rear
Dimensions (WxDxH)	12.2 x 9.7 x 3.7 in. / 310 x 247 x 95mm
Net Weight	5.5 lbs. / 2.5 kg
Fan Noise	37 dB normal / 33 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA 950 (C-UL), NOM

ENVIRONMENTAL

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

ACCESSORIES

NP18LP	Replacement lamp
NP01UCM	Universal ceiling mount
NP21SCASE	Projector carrying case
NP02GL	Active shutter 3-D glasses
RMT-PJ31	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

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

ORDERING MODEL NUMBERS

NP-V311X
NP-V311W

When combined with active shutter glasses (NP02GL), 3D Ready V Series Projectors use DLP Link™ technology, developed by Texas Instruments, to create 3D images. The V311X is certified as a display device for NVIDIA® 3D Vision™, which allows you to view 3D images by using with supported graphics board or software.



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