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VE Series

VE281 and VE281X digital projectors

Full 2-year warranty (4 years for VE281X), including lamp

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

Essential Features for Ease of Use

- 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

Designed with the Environment in Mind

ECO MODE

- Extended lamp life with ECO Mode™ technology increases lamp life up to 6000 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
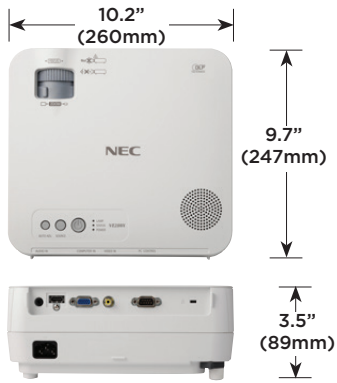
Versatile Features and Powerful Performance

- Powerful 7-watt speaker provides volume needed for large 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
- Intelligent Driving Scheme (IDS2) increases lamp life and contrast ratio
- Native SVGA and XGA resolution projectors automatically sync with higher-resolution computers
- Virtual Remote Tool corresponds to the VGA or RS-232 and allows users to utilize virtual remote functionality from a connected PC
- Flexible input panel, color-coded and clearly labeled connects to computers, Blu-Ray players and other sources using the VGA, HDMI and composite 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

When combined with active shutter glasses (NP02GL), 3D Ready VE Series projectors use DLP Link™ technology, developed by Texas Instruments, to create 3-D images.

DLP® 3D READY

necdisplay.com NEC

Dimensions

10.2" (260mm)

9.7" (247mm)

3.5" (89mm)

UNIQUE FEATURES

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

Intelligent Driving Scheme (IDS2) technology has been adopted to extend the lamp life of the projector up to 6000 hours in ECO Mode and 4000 hours normal.

ECO Mode technology extends lamp life, lowers audible noise and reduces total cost of owner-ship.

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 full 2-year (4-year for VE281X) parts and labor warranty including InstaCare next business day exchange. The lamp is covered for 4000 hours/4 years, whichever comes first.

SHIPS WITH

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

ORDERING MODEL NUMBERS

NP-VE281
NP-VE281X

Specifications for VE281/VE281X

OPTICAL

Display Technology	0.55" DLP by Texas Instruments with BrilliantColor
Light Output (lumens)	2800 normal
Resolution	
Native	VE281: SVGA 800 x 600
	VE281X: XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Contrast Ratio (up to)	3000:1
Lamp Type	200W AC
Lamp Life (up to)	4000 hours normal / 6000 hours eco
Screen Size (diagonal)	30 to 300 in. / 762 to 7620mm
Throw Ratio	1.95 to 2.15
Projection Distance	3.9 to 43.3 ft. / 1.2 to 13.2m
Projector 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°

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 (digital)	HDMI w/ HDCP
Video 1	RCA
Audio 1	1/8 in. stereo
Audio	7W speaker
External Control	RS-232C (D-Sub 9-pin), IR
Sync Compatibility	Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements	100 – 240V AC, 50/60 Hz
Input Current	2.7A / 1.4A
Power Consumption	
Normal Mode / ECO Mode / Standby	261W / 213W / 0.4W

MECHANICAL

Installation Orientation	Table/Front, Table/Rear
Dimensions (WxDxH)	10.2 x 9.7 x 3.5 in. / 260 x 247 x 89mm
Net Weight	5.1 lbs. / 2.3 kg
Fan Noise	35 dB normal / 33 dB eco
Regulations	USA UL60950-1 FCC Part 15 Class B, Canada CSA60950-1, NOM

ENVIRONMENTAL

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

OPTIONAL ACCESSORIES

NP01UCM	Universal ceiling mount
NP215CASE	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 (VE281)	Extends term of parts and labor warranty to 3 years
NECEW2-MP (VE281)	Extends term of parts and labor warranty to 4 years
ADVEXON1-MP (VE281)	Extends term of InstaCare service program to 2 years
ADVEXON2-MP (VE281)	Extends term of InstaCare service program to 3 years

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HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

PICTURE BY
DLP
TEXAS INSTRUMENTS

CRESTRON

AMX
DEVICE DISCOVERY

EcoCare℠   InstaCare

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

necdisplay.com

NEC

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