VT Series

VT595, VT695 and VT700 digital projectors

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

ESSENTIAL FEATURES FOR EASE OF USE

- Plug and Play intuitive setup and operation
- Quick startup lets you begin presenting in seconds
- Bright images easily viewed in any application
- Versatile, color-coded connections to computer, video sources and external monitor
- Automatic keystone correction SquareShot™ technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- 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

VERSATILE FEATURES AND POWERFUL PERFORMANCE

- With XGA native resolution, high brightness up to 3000 lumens and patented NEC technologies like Advanced AccuBlend™ and VORTEX™ technology, VT Series projectors display impressive image quality
- Dual computer inputs, including DVI-I, ensure quick switching between presentations
- Powerful 5-watt speaker provides volume needed for large rooms
- 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
- Focus in on details with up to 400% image magnification
- Easy control from remote allows you to adjust lamp mode, aspect ratio, volume and image all with the touch of a button
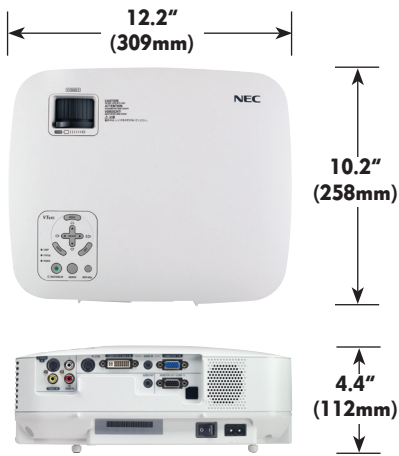
SAVE MONEY, RESOURCES AND YOUR PROJECTOR

- VT Series projectors are extremely affordable
- Extended lamp life with Eco-mode™ technology increases lamp life up to 3000 hours
- Nearly silent operation with noise level as low as 29dB
- 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

Series Features and Benefits

LONG LAMP LIFE

EASY TO USE

AUTOSENSE TECHNOLOGY

MONITOR OUTPUT

COLOR MANAGEMENT

AUTOMATIC KEYSTONE CORRECTION

5-WATT SPEAKER

DVI-I INPUT

VARIABLE AUDIO OUT

NEC

12.2"
(309mm)

10.2"
(258mm)

4.4"
(112mm)

UNIQUE FEATURES

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

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

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

64-step image magnification with location control

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

5-watt speaker provides volume needed for larger rooms

WARRANTY

Registered owners 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 - 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, battteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card, DVI-I – VGA adapter

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Specifications for VT595, VT695, VT700

OPTICAL

Display Technology	0.6" LCD / 0.63" LCD (VT695/VT700)
Resolution Native	XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Light Output (lumens)	VT595 2000 normal / 1600 eco
	VT695 2500 normal / 1900 eco
	VT700 3000 normal / 2400 eco
Contrast Ratio	600:1 (VT595 & VT695) / 500:1 (VT700)
Lamp Type	VT595 190W DC / 150W eco
	VT695 200W DC / 150W eco
	VT700 210W DC / 172W eco
Lamp Life (up to)	2000 hours normal / 3000 hours eco
Screen Size (diagonal)	21 – 300 in, 0.53-7.6 m
Throw Ratio	1.5 – 1.8
Projection Distance	2.3 - 36.4 ft, 0.7 to 11.1 m
Projection Angle	8.3 – 8.6º tele / 9.9 – 10.3º wide
Lens	
Zoom	1.0 to 1.2
Focus	Manual
F-#, f-#	F = 1.7 - 2.07mm, f = 18.9 - 22.7mm
Keystone Correction	Automatic or manual +/- 30º

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 (digital and analog)
Video 1	RCA
Video 2	S-Video
Audio 1	L/R RCA (shared by video sources)
Audio 2	1/8 in. stereo (shared by computer inputs)
Audio Out	Variable audio out
Monitor Out	Yes
Audio	5W speaker
External Control	RS232, IR
Sync Compatibility	Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Req.	100 - 240V AC, 50/60Hz
Input Current	3.1/1.3A (VT595 & VT695) / 3.3/1.5A (VT700)
Power Consumption	270W/220W (VT595), 280W/215W (VT695), 295W/240W (VT700)

MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	12.2 x 10.2 x 4.4 in. / 309 x 258 x 112mm
Net Weight	6.4 lbs/2.9 kg (VT595 & VT695) / 6.8 lbs/3.1 kg (VT700)
Fan Noise	35 dB normal / 29 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL)

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
VT70ATA	Airtight molded plastic shipping case for projector
VL80CM	Ceiling mount designed to provide easy access to lamp compartment
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
NP05LP	Replacement lamp for VT700
VT85LP	Replacement lamp for VT490, VT590, VT595, VT695
RMT-PJ21	Replacement remote control

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
NECECO	Projector recycling program, disposal certificate
VTP90	Extends term of VT90 Series parts warranty to 4 years
VTPL04	Extends term of VT90 Series parts and labor warranty to 4 years

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

NEC Display Solutions
500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-INFO

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