

# 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



## 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, 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 VT595, VT695, VT700

<b>OPTICAL</b>	<p>Display Technology Resolution Native Maximum Light Output (lumens)</p> <p>Contrast Ratio Lamp Type</p> <p>Lamp Life (up to) Screen Size (diagonal) Throw Ratio Projection Distance Projection Angle Lens</p> <p>Zoom Focus F-#, f-# Keystone Correction</p>	<p>0.6" LCD / 0.63" LCD (VT695/VT700) XGA 1024 x 768 UXGA 1600 x 1200 VT595 2000 normal / 1600 eco VT695 2500 normal / 1900 eco VT700 3000 normal / 2400 eco 600:1 (VT595 &amp; VT695) / 500:1 (VT700) VT595 190W DC / 150W eco VT695 200W DC / 150W eco VT700 210W DC / 172W eco 2000 hours normal / 3000 hours eco 21 - 300 in, 0.53-7.6 m 1.5 - 1.8 2.3 - 36.4 ft, 0.7 to 11.1 m 8.3 - 8.6° tele / 9.9 - 10.3° wide</p> <p>1.0 to 1.2 Manual F = 1.7 - 2.07mm, f = 18.9 - 22.7mm Automatic or manual +/- 30°</p>
<b>SIGNAL COMPATIBILITY/CONNECTIVITY</b>	<p>Scan Rate Supported Video Standards SD/HD Video Signal Compatibility</p> <p>PC Signal Compatibility Macintosh Compatibility Input/Output Terminals</p> <p>RGB 1 (analog) RGB2 Video 1 Video 2 Audio 1 Audio 2 Audio Out Monitor Out</p> <p>Audio External Control Sync Compatibility</p>	<p>Horizontal 15 - 100 kHz / Vertical 50 - 120 Hz NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM 1080i, 720p, 576p, 576i, 480p, 480i, Y/Cb/Cr component (with optional adapter - ADP-CV1E) VGA, SVGA, XGA, SXGA, SXGA+, UXGA Yes</p> <p>15 pin DVI-I (digital and analog) RCA S-Video L/R RCA (shared by video sources) 1/8 in. stereo (shared by computer inputs) Variable audio out Yes 5W speaker RS232, IR Separate Sync / Composite Sync / Sync on G</p>
<b>ELECTRICAL</b>	<p>Power Req. Input Current Power Consumption</p>	<p>100 - 240V AC, 50/60Hz 3.1/1.3A (VT595 &amp; VT695) / 3.3/1.5A (VT700) 270W/220W (VT595), 280W/215W (VT695), 295W/240W (VT700)</p>
<b>MECHANICAL</b>	<p>Installation Orientation Dimensions (WxDxH) Net Weight Fan Noise Regulations</p>	<p>Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear 12.2 x 10.2 x 4.4 in. / 309 x 258 x 112mm 6.4 lbs/2.9 kg (VT595 &amp; VT695) / 6.8 lbs/3.1 kg (VT700) 35 dB normal / 29 dB eco USA UL 1950 FCC Class B, Canada CSA950 (C-UL)</p>
<b>ENVIRONMENTAL</b>	<p>Operational Temp Humidity Storage</p>	<p>41° - 95°F / 5° - 40°C 20-80% non-condensing 14° - 122°F / -10° - 50°C</p>
<b>ACCESSORIES</b>	<p>NP01MR WPA001 SPKR30 SC200 ADP-CV1E LEATHERCASE LEATHERROLLER VT70ATA VL80CM NP01UCM ADJ006009 ADJ0012018 ADJ0203 ADJ0305 SCP100 NP05LP VT85LP RMT-PJ21</p>	<p>IR receiver enables PJ remote to control PC and MAC functions 802.11b/g wireless adapter Amplified 30 watt speaker Security cable attaches to projector lock slot Component video to VGA adapter Leather case with compartments for laptop and projector Leather rolling case for laptop and PJ, fits in most airplane storage bins Airtight molded plastic shipping case for projector Ceiling mount designed to provide easy access to lamp compartment Universal ceiling mount for projectors weighing less than 40 pounds 6 to 9 inch adjustable extension column for use with projector mount 12 to 18 inch adjustable extension column for use with projector mount 2 to 3 foot adjustable extension column for use with projector mount 3 to 5 foot adjustable extension column for use with projector mount Adjustable suspended ceiling plate for use with ceiling mount Replacement lamp for VT700 Replacement lamp for VT490, VT590, VT595, VT695 Replacement remote control</p>
<b>WARRANTY PROGRAMS</b>	<p>VLNPL-01 VLIC03 VLMTTC-02 NECECO VTP04 VTPL04</p>	<p>Extends term of parts and labor warranty to include 3 years labor Extends term of InstaCare service program to 3 years 3 year international service program Projector recycling program, disposal certificate Extends term of VT90 Series parts warranty to 4 years Extends term of VT90 Series parts and labor warranty to 4 years</p>

Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit [www.necdisplay.com](http://www.necdisplay.com) for details.