



VT650

Lightweight. High Performance. VT Series Projector

XGA Native Resolution

Lamp life up to 3,000 hours

1500 ANSI Lumens

Automatic set-up

Vortex Technology Plus™

Broad Computer Compatibility

Monitor Output

64-Step image magnification

with location control

Carrying case supplied

InstaCare®, TravelCareSM and
InstaCare XpressSM Service

Breaking through to your audience doesn't have to mean breaking the bank. The versatile and affordable VT650 makes captivating any audience easier than ever.

Whether it's a classroom or a conference room, the success of your presentation is measured by the captivation of your audience. But keeping them on the edge of their seats can be difficult, especially with a limited budget for projection equipment. With this in mind, NEC designed the VT650 to produce bright, eye-catching displays at an extremely affordable price.

The VT650 projects at 1500 ANSI lumens. And with EcoMode™, lamp life is extended up to 3,000 hours, significantly reducing the overall cost of ownership. Outstanding image quality is achieved with Vortex Technology Plus™, which enhances image uniformity, color, depth and detail for bold, colorful video and data images with unmatched clarity. Advanced AccuBlend ensures broad system compatibility with a wide variety of computers for excellent native and non-native (up to UXGA) displays.

AutoSense Technology provides automatic set-up and lets you make adjustments with the touch of a button. In addition to their versatility, affordability and ease of use, the VT Series is covered by the NEC industry-leading service programs. InstaCare provides projector repair and return within three business days or next business day replacement. And when overnight isn't fast enough, NEC offers InstaCare Xpress for next flight delivery. And TravelCare ensures comprehensive service coverage for the international traveler.



VT650



VT40TOWNCASE+



VT40ATACASE

Special Features

Eco-mode Technology	Increase lamp life up to 50% through light output adjustments
Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector
AutoSense	Automatic set-up and one touch adjustments for ease of use
Monitor Output	For connection of external monitor
VORTEX Technology Plus	Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences. Includes sRGB setting
Full Remote	Provides computer mouse and projector control
Cabinet Key Lock	Restricts access to projector cabinet controls
Image magnification	64 step image magnification with location control

Optical

LCD Panel	0.9" LCD p-Si TFT w/MLA
Resolution	1024 x 768 pixels native, up to UXGA with Advanced AccuBlend
Lens	Manual zoom and manual focus F1.7 - 2.0, f=33.5 - 40.1mm
Throw Ratio	1:1.82 - 2.18 @100"
Light Output (ANSI Rated)	1500/1200 Standard/Eco
Lamp	160W NSH, 130W Eco-Mode
Lamp Life	3000 hours Eco-mode, 2000 hours Standard
Contrast Ratio	400:1
Image Size	25" to 300" diagonal
Projection Distance	3.5 to 36.6 feet (1.08m to 11.16m)
Projection Angle	7.8 - 8.1 degree (tele), 9.3 to 9.7 degree (wide)
Keystone Correction	±30 degrees electronic

Electrical

Inputs	Video - (NTSC, PAL, PAL-60, SECAM, NTSC4.43, PAL-N, PAL-M), S-Video, RGB, YCbCr Component (optional adapter) HDTV - 1080i, 720p, 480p, 480i (optional adapter), PAL-N, PAL-M, Audio
Outputs	Monitor Out, Audio
Synchronization Range	Horizontal - 15 - 100KHz, Vertical 50 - 120Hz
Video Bandwidth	RGB 80MHz
Pixel Clock Frequency	102MHz
Color Reproduction	16.7 million colors displayed simultaneously
External Control	RS232, IR (AMX/Crestron compatibility)
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speaker	1W
Power Requirements	100 - 120/200 - 240VAC, 50/60Hz
Input Current	2.6A(100 - 120VAC), 1.3A(200-240VAC)
Power Consumption	225W (max), 190W Eco-mode
Fan Noise	Less than 38dB standard mode, Less than 35dB Eco-mode

Mechanical

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions	244(W) x 296.5(D) x 116.5(H)mm, 9.6" x 11.7" x 4.6"
Net Weight	3.9Kg/8.6Lbs
Environment	Operational Temperatures 0 -35 degrees Centigrade, 32 - 95 degrees Fahrenheit
Regulations	USA UL1950, FCC Class B Canada CSA950 (C-UL)
Accessories	User's manual, PJ/PC remote, batteries, power cable, 15-pin mini D-sub cable, quick connect guide, registration card, lens cap with attachment string & rivet

Warranty

Service Program	Registered owners receive a 2-year limited parts and labor warranty including InstaCare. InstaCare provides the original owner limited concurrent 3-business day repair/return or next business day exchange. Lamp is 6 months or standard mode rated life.
Parts and Labor	Limited parts and labor for the first two years of ownership

Product/Accessories

Order Code	Description
VT40TOWNCASE+	Carry-on rolling case with removeable laptop compartment
VT40ATACASE	Rugged rolling case for projector shipment and check-in
ADP-CV1	Component video adapter
VT40CM	Ceiling mount
PR51KIT	Replacement remote
VT50LP	Replacement lamp



For more information, call (800) NEC-INFO or visit www.necvisualsystems.com

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NEC Solutions (America), Inc.
Visual Systems Division
1250 Arlington Heights Rd., Suite 500
Itasca, IL 60143-1248

NEC 070204

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