

# NEC Portable Projectors VT470



easy to use

rapid startup and shutdown

low total cost of ownership

backed by industry-leading service and support

near silent operation— as low as 30dB

image magnification with location control

broad computer compatibility— supports VGA through UXGA resolutions

automatic keystone correction

## VT470

The portable projector that works for you.

Ahead of the learning curve so you don't have to be.

- **Connectivity.** Color-coded and well organized with connections for every source.
- **Remote control.** Adjust volume and select sources with the touch of a button. Control PC functions from across the room with the IR receiver.
- **Keypad.** One touch source changes and complete menu control using the intuitive projector keypad.
- **Design.** The attractive and inviting design of the new VT series projectors will grab attention before your presentation even begins.

How does a projector work for you? Like this:

- **Quick start up.** Warms up and projects in seconds.
- **Automatic keystone correction.** Instantly project a square image even when the projector is set up at a steep offset angle to the screen.
- **Plenty of get-up and go.** AutoSense™ automatically syncs the projector with any computer signal and features one-touch image optimization.
- **Great picture quality.** The VT470 has SVGA native resolution and 2000 ANSI lumens. Patented NEC technologies like AccuBlend and VORTEX™ Technology enhance already impressive image quality.
- **Monitor output.** Easily connect an external monitor for use with a desktop computer.
- **Quiet operation.** Nearly silent operation.

Save money, resources and your projector.

- **Eco-Mode™.** Extends lamp life and makes a low operating cost even lower.
- **Security features.** Enhanced multi-leveled security features protect your investment by deterring theft.
- **Lamp protection.** Internal sensors prevent lamp from being turned on before completely cooled.
- **Award-winning service.** Service programs like EcoCare<sup>SM</sup> and InstaCare<sup>®</sup> ensure peace of mind.

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## Optical

LCD Panel	3 x 0.7" p-Si TFT
Resolution	800 x 600 pixels, up to UXGA with Advanced AccuBlend
Light Output (maximum ANSI output)	2000/1600 std/eco
Lamp	180W/150W std/eco
Lamp Life (up to)	3000 hours EcoMode, 2000 hours normal mode
Contrast Ratio	400:1
Image Size	21 - 300 inches (diagonal)
Keystone Correction	±30 degrees vertical (automatic or manual)
Throw Ratio	1.5 - 1.8
Projection Distance	2.4 to 35.89ft, 0.73 to 10.9m
Projection Angle	tele: 9.5 - 9.9°, wide 11.5 - 12°

## Electrical

Inputs	2 RGB (D-Sub 15-pin), 1 S-Video (DIN 4-Pin), 1 Video (RCA), 2 L/R RCA Audio, 1 Stereo Mini Audio, 1 PC Control (DIN 8-Pin)
Outputs	1 RGB, 1 Stereo Mini Audio (variable audio output)
Video Compatibility	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM, HDTV: 1080i, 720p, 576p, 480i, 480p, Y/Cb/Cr component (with optional adapter - ADP-CV1)
Scan Rate	Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 50 to 120 Hz
Video Bandwidth	RGB 80 MHz
Pixel Clock Freq	135MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal Resolution	NTSC, NTSC4.43, PAL/PAL-M/PAL-N/PAL-60: 540 TV SECAM - 300 TV lines, Y/Cb/Cr - 800 TV lines,
External Control	RS232, IR
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	1W monaural
Fan Noise	35/30 dB
Power Req.	100-120VAC/200-240VAC, 50/60Hz
Input Current	2.7A (100-120VAC), 1.4A (200-240VAC)
Power Consumption	250W normal mode, 200W in Eco-mode, 8W in standby mode

## Mechanical

Installation	Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions	11.6" (W) x 3.7" (H) x 10.2" (D) (WxDxH) 294 (W) x 93 (H) x 260 (D) mm
Net Weight	6.4lbs / 2.9 kg
Environment	Operational Temp. 41 to 95°F / 5° to 35°C Humidity: 20-80% (non-condensing) Storage: 14° to 122°F / -10 to 50°C
Regulations	USA UL 1950 FCC Class B, Canada CSA950 ( C-UL )

## Replacement Parts

Order Code	Description
PWRCRD-VT70	Power cable
RMT-PJ05	Remote with PC control

## Product/Accessories

Order Code	Description
VT470	SVGA, 2000 ANSI lumen projector
TRAVELPRO200	Simulated leather rolling case with extension handle, includes compartments for laptop and projector. Stores in airplane overhead.
VT65ATAPRO	Rugged shipping case for projector
VT65ROLLER	Platinum, high impact plastic rolling case for projector. Stores in airplane overhead.
ADP-CV1	Component video adapter
VT70CM	Ceiling mount for projector
VT75LP	Lamp for VT470
LTSCREEN	50" diagonal table top screen in compact carrying case
SC200	Security cable locks projector to table or cart
VL MPL-01	1 year limited parts and labor extension
VL MIC-01	2 years InstaCare coverage
VL MIC-02	3 years extended warranty plus 2nd and 3rd year InstaCare coverage
VL MTC-02	2 years loaner or repair and return services in European countries, Japan and Australia

## Accessories



## Additional Features

Automatic Keystone Correction	Projector automatically corrects keystone distortions
Security	Password can be set to restrict unauthorized use of projector.
Kensington lock slot	Enables security cable to be attached to projector.
Image Magnification	64-step image magnification with location control
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.
Variable Audio	Control self powered external speaker volume via projector remote
Sleep Timer	Count down timer can be set to automatically turn off the projector
Eco-mode	Extend lamp life up to 50% by adjusting projector brightness
Discreet Source Keys	Projector and remote feature direct access buttons for source selection

## Other

In-Box Materials	Projector, lens cap, power cord, RGB signal cable, user's manual on CD-ROM, carrying case, remote control, battery, quick start guide, product registration card, remote mouse receiver
Warranty	Registered owners receive a 2-year limited, parts and labor warranty. The first year is covered by InstaCare. InstaCare provides the original owner either limited 3 business day repair/return or next business day exchange. The lamp when used under normal operating conditions is covered for 500 hours or 3 months, whichever comes first.

For more information, call 800.632.4636 or visit [www.necvisualsystems.com](http://www.necvisualsystems.com)

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