

NEC Portable Projectors VT670



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

VT670

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 VT670 has XGA native resolution and 2100 ANSI lumens. Patented NEC technologies like AccuBlend and VORTEX™ 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 and InstaCare ensure peace of mind.

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Optical

| | |
|---------------------------------------|---|
| LCD Panel | 3 x 0.7" p-Si TFT with MLA |
| Resolution | 1024 x 768 pixels, up to UXGA with Advanced AccuBlend |
| Light Output (maximum ANSI output) | 2100/1680 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

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|-----------------------|--|
| 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-NPAL-60: 540 TV SECAM - 300 TV lines, Y/Cb/Cr -800 TV lines, |
| Resolution | RGB: 1024 dots (H) 768 dots (V) |
| 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 |

Mechanical

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|--------------|---|
| 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 | 6.8lbs / 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 |
|--------------|--|
| VT670 | XGA, 2100 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 VT670 |
| LTSSCREEN | 50" diagonal table top screen in compact carrying case |
| SC200 | Security cable locks projector to table or cart |

Accessories



VT60ROLLER VT60ATAPRO TRAVELPRO200 LAMP

Additional Features

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|-------------------------------|--|
| 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

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|------------------|--|
| 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

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