

PRELIMINARY VT47, VT470, VT570, VT670



Optical

LCD Panel	VT670 - 3 x 0.7" p-Si TFT with MLA VT47/VT470/VT570 - 3 x 0.7" p-Si TFT
Resolution	VT570/670 - 1024 x 768 pixels, up to UXGA with Advanced AccuBlend VT47/VT470 - 800 x 600 pixels, up to UXGA with Advanced AccuBlend
Light Output (maximum ANSI output)	VT570 1300/1040 std/eco VT670 2100/1700 std/eco VT47 1500/1200 std/eco VT470 2000/1600 std/eco
Lamp	VT470/VT670: 195W/152W std/eco VT47/VT570: 145W/112W std/eco
Lamp Life (up to)	3000 hours EcoMode, 2000 hours normal mode
Contrast Ratio	400:1
Image Size	VT470/VT570/VT670: 21 - 300 inches (diagonal) VT47: 25 - 300 inches
Keystone Correction	±30 degrees vertical (automatic or manual)
Throw Ratio	VT47: 1.2, VT470/570/670: 1.5 - 1.8
Projection Distance	2.4 to 35.89ft, 0.73 to 10.9m 1.9 - 23.92ft, 0.58 - 7.3m
Projection Angle	VT470/VT570/VT670: tele: 9.5 - 9.9°, wide 11.5 - 12° VT47: tele: 14.0 - 14.6°

Electrical

Inputs	VT470/VT570/VT670: 2 RGB (D-Sub 15-pin), 1 S-Video (DIN 4-Pin), 1 Video (RCA), 2 L/R RCA Audio, 2 Stereo Mini Audio, 1 PC Control (DIN 8-Pin) VT47: 1 RGB, 1 S-Video, 1 Video, 1 L/R RCA Audio, 1 Stereo Mini Audio, 1 PC Control
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 cable - 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,
Resolution	RGB: VT570/VT670: 1024 dots (H) 768 dots (V); VT47/VT470: 800 dots (H) x 600 dots (V)
External Control	RS232, IR
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	1W monaural
Fan Noise	VT47/VT570: 33/28 dB, VT470/VT670: 35/30 dB
Power Req.	100-120VAC/200-240VAC, 50/60Hz
Input Current	VT470/VT670: 3.1A (100-120VAC), 1.5A (200-240VAC) VT47/VT570: 2.9A (100-120VAC), 1.4A (200-240VAC)
Power Consumption	VT470/VT670: 270W normal mode, 220W in Eco-mode VT47/VT570: 260W normal mode, 220W in Eco-mode 7.5W 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	6.8lbs / 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
24F40111	Lens cap
7N080213	Power cable
24BS7421	Carrying case
7N900551	Remote for VT47/VT570
CR2032	Lithium battery for VT47/VT570 remote
7N900521	Remote with PC control
7Nxxxx	Remote mouse receiver

Product/Accessories

Order Code	Description
VT47	SVGA, 1500 ANSI lumen projector
VT470	SVGA, 2000 ANSI lumen projector
VT570	XGA, 1300 ANSI lumen projector
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
VTxxCM	Ceiling mount for projector
VT75LP	Lamp for VT470 and VT670
VT70LP	Lamp for VT47 and VT570
LTSSCREEN	50" diagonal table top screen in compact carrying case
SC200	Security cable locks projector to table or cart

Rapid set-up-displays image in 9 seconds

Automatic vertical keystone correction

Sleep timer enables projector to shut down automatically

Variable audio output

Enhanced smart security settings for theft deterrence

Eco-mode™ lamp technology for total cost of ownership savings

Monitor output

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, (VT470/VT670 remote mouse receiver)
Warranty	Registered owners receive a 2-year limited, parts and labor warranty including 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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