

Everything should be this easy

VT48, VT480 and VT580 digital projectors.



LONG LAMP LIFE

EASY TO USE

AUTOSENSE TECHNOLOGY

MONITOR OUTPUT

COLOR MANAGEMENT

Easy to use and at the right price, the 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 start up** lets you begin presenting in seconds.
- **Bright images** easily viewed in any application.
- **Versatile color-coded connections** to computer, video sources and external monitor.
- **Lightweight design** for easy transport.
- **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 (VT580).
- **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.

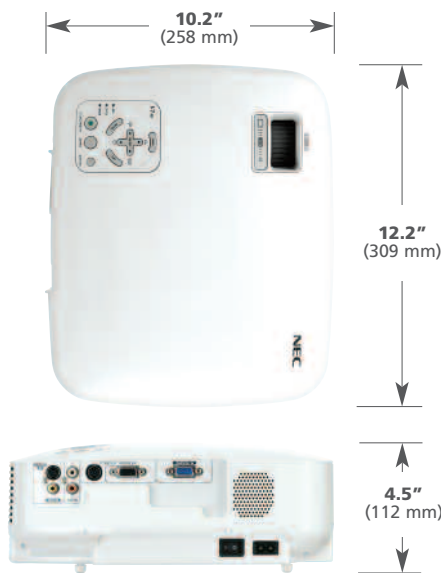
- With native resolutions up to XGA, high brightness up to 2000 lumens and patented NEC technologies like Advanced AccuBlend™ and VORTEX™ Technology, **the VT Series displays impressive image quality.**
- Vertical position of the image can be adjusted when the **Cinema aspect (wide screen) ratio** is in use.
- **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 remote** allows you to adjust lamp mode, aspect ratio, volume and image all with the touch of a button.
- **IR receiver** can be connected to computer for remote mouse control (VT480, VT580).
- **Variable audio-out** enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector (VT480, VT580).
- **Dual computer inputs** ensure quick switching between presentations (VT480, VT580).

SAVE MONEY, RESOURCES AND YOUR PROJECTOR.

- **The VT Series projectors are extremely affordable.**
- **Extended lamp life** with Eco-mode™ technology that increases lamp life up to 4,000 hours (VT48).
- **Nearly silent operation** with noise level as low as 28dB (VT48)
- **Automatic timer** can be set to shut off the projector at selected time intervals.
- **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.

Because it's your image

NEC



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OPTICAL

Display Technology	0.6" LCD		
Resolution	VT48, VT480	Native:	SVGA 800x600
		Maximum:	UXGA 1600x1200
	VT580	Native:	XGA 1024 x 768
		Maximum:	UXGA 1600x1200
Light Output (lumens)	VT48	1600 normal/1200 eco	
	VT480, VT580	2000 normal/1600 eco	
Contrast Ratio	600:1		
Lamp Type	VT48	150W DC	
	VT480, VT580	200W DC	
Lamp Life (up to)	VT48	3000 hours normal/4000 hours eco	
	VT480, VT580	2000 hours normal/3000 hours eco	
Screen Size (diagonal)	21-300 in, 533-7620 mm		
Throw Ratio	VT48	1.8	
	VT480, VT580	1.5 - 1.8	
Projection Distance	VT48	3.0 to 36 ft, 0.9 to 11m	
	VT480, VT580	2.3 to 36.4 ft, 0.7 to 11.1m	
Projection Angle	VT48	8.4° to 8.7°	
	VT480, VT580	8.3° to 8.6° tele, 9.9° to 10.3° wide	
Lens	Zoom	VT48	Digital
		VT480, VT580	Manual
	Focus	Manual	
	F-#, f-#	VT48	F=1.7, f=22.4mm
		VT480, VT580	F=1.7 to 2.07mm, f=18.9 to 22.7mm
Keystone Correction	VT48, VT480	Manual +/- 30°	
	VT580	Automatic/manual +/- 30°	

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal	15 to 100 kHz	
	Vertical	50 to 120 Hz	
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM		
SD/HD Video Signal Compatibility	1080i, 720p, 576p, 576i, 480p, 480i, Y/Cb/Cr component (with optional adapter - ADP-CV1)		
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA		
Macintosh Compatibility	Yes		
Input/Output Terminals	RGB 1 (analog)	15 pin	all
	RGB 2 (analog)	15 pin	VT480, VT580
	Video 1	RCA	all
	Video 2	S-Video	all
	Audio 1	1 set RCA	all
	Audio 2	mini	VT480, VT580
	Audio Out	mini VAO	VT480, VT580
	Monitor Out	15 pin	all
Audio	1W monaural		
External Control	RS232, IR		
Sync Compatibility	Separate Sync/Composite Sync/Sync on G		

ELECTRICAL

Power Req.	100 - 240VAC, 50/60Hz		
Input Current	VT48	2.4/1A	
	VT480, VT580	3.1/1.3A	
Power Consumption	VT48	215W normal/178W eco	
	VT480, VT580	280W normal/221W eco	

MECHANICAL

Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear		
Dimensions (WxDxH)	12.2x10.2x4.5 in, 309x258x112 mm		
Net Weight	6.4 lbs, 2.9 kg		
Fan Noise	VT48	32 dB normal/25 dB eco	
	VT480, VT580	35 dB normal/29 dB eco	
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL)		

ENVIRONMENTAL

Operational Temp	41° to 104°F / 5° to 40°C		
Humidity	20-80% non-condensing		
Storage	14° to 122°F / -10° to 50°C		

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 - whatever 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, remote control, batteries, handle, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card carrying case, remote, and remote mouse receiver (VT480 and VT580)

ACCESSORIES

Order Code	Description
VT80LP	Replacement lamp for VT48
VT85LP	Replacement lamp for VT480 and VT580
VL80CM	Ceiling mount
SCP100	Suspended ceiling plate
LEATHERCASE	Protective leather carrying case with compartments for projector and laptop
LEATHERROLLER	Leather rolling case for projector and laptop
VT70ATA	Molded shipping case for projector
ADP-CV1	Component video adapter
LTSCREEN	50" diagonal table top screen in compact carrying case
SC200	Security cable locks projector to table or cart
PWRCD-VT70	Power cable
RGBCBL-PJPX	RGB cable
VLIC03	3 year InstaCare service program

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.
SquareShot™	Instantly project a square image even when the projector is set up at a steep offset angle to the screen.
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.
Kensington Lock Slot	Enables security cable to be attached to projector.
Image Magnification	64-step image magnification with location control.
Sleep Timer	Count down timer can be set to automatically turn off the projector.



For more information, call 1.800.NEC.INFO or visit www.necvisualsystems.com

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