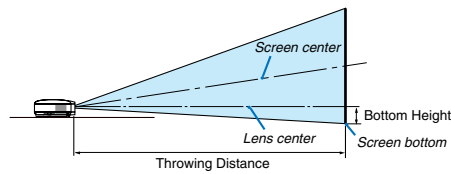


**Specifications**

		VT580	VT480	VT58	VT48	
LCD Panel *1		0.6 inch p-Si TFT LCD panels with MLA				
Pixel Numbers		XGA (1024 dots X 768 lines)	SVGA (800 dots X 600 lines)	XGA (1024 dots X 768 lines)	SVGA (800 dots X 600 lines)	
Lens		Manual Focus (Range 1.5 to 1.8)(f=18.9mm to 22.7mm) Manual (Ratio:1.2)				
Lamp		190W DC 150W		150W DC 120W		
Lamp Life *2		2000H 3000H		3000H 4000H		
Light Output		2,000 ANSI lumens 1,560 ANSI lumens		1,600 ANSI lumens 1,250 ANSI lumens		
Contrast Ratio (White/Black)		600 : 1				
Quietness		35dB 29dB		32dB 25dB		
Image Size		21 to 300 inches diagonal				
Projection Distance		0.7m to 11.1m				
Projection Angle		9.9 to 10.3 ° (Wide), 8.3 to 8.6 ° (Tele)				
Colour Reproduction		Full Colour, 16.77 Million Colours Simultaneously				
Maximum Resolution		UXGA (1,600 x 1,200)				
Synchronization Range		15kHz to 100kHz (RGB : 24kHz or over)				
Input Signal Bandwidth		50 to 120kHz				
Horizontal Resolution		540 TV Lines : NTSC/NTSC4.43/PAL/PAL-M/PAL-N/PAL60/Y - Cb - Cr 300 TV Lines : SECAM				
Input Terminals	Computer Input (VT580/VT480: 2 Inputs)	D-Sub Mini 15pin	Number 2			
		Stereo Mini Jack (VT580/VT480) 2 RCA pin (VT58/VT48 Sharing With Video, S-Video Input)	RGB	0.7Vp-p/75Ω positive		
			H/V Sync	4.0Vp-p/TTL Level positive / negative polarity		
		Component Input (Sharing With Computer Input)	Stereo L/R	4.0Vp-p/TTL Level positive / negative polarity		
			Composite Video	0.3Vp-p/75Ω (With Sync) negative polarity		
	Video Input	D-Sub Mini 15pin (Sharing With Computer Input)	0.5Vrms/22kΩ or over			
		RCA pin	VT580/VT480: Sharing With Computer 1 & 2 Input			
		2 RCA pin	1.0Vp-p/75Ω (With Sync)			
	S-Video Input	Mini DIN-4pin	Y Cb - Cr ( Pb - Pr)			
		Audio Input is Sharing With Video	Compatible signals 1125i (1080i), 750p (720p), 625p (576p), 525p (480p)/60Hz 1125i (1080i), 750p (720p)/50Hz, Progressive PAL-scan/50Hz DVD Component Video Signal (15kHz)			
Output Terminals	Computer Output	Same With Computer				
	Audio output	NTSC/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM				
Control Terminals		1.0Vp-p/75Ω (With Sync)				
Built-in Speaker		0.5Vrms/22kΩ or over				
Keystone Correction Vertical		Manual/Automatic ± 30 degrees				
Environment		Manual ± 30 degrees				
Operational Temperatures		5°C to 40°C, 20 to 80% Humidity (Non-Condensing)				
Storage Temperatures		Eco mode selected automatically at 35°C to 40°C -10°C to 50°C, 20 to 80% Humidity (Non-Condensing)				
Power Consumption		Normal Mode 280W		215W		
Input Current		Eco Mode 221W		178W		
Power Requirement		Standby Mode 7.4W		7.4W		
Regulations		3.1 to 1.3A				
Net Weight		100 to 240V AC, 50Hz/60Hz				
Dimensions (WxHxD)		2.4 to 1A				

\*1 : LCD Panel technology consists of fine picture cells with more than 99.99% of the cells being active.  
\*2 : Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it does not refer to the warranty period for the lamp.  
All specifications are subject to change without notice.

**Throwing Distance and Image Size**



VT580/VT480/VT58				VT48		
Screen Size (inch)	Throwing distance Wide	Throwing distance Tele	Bottom Height	Screen Size (inch)	Throwing distance	Bottom Height
30	0.9m	1.0m	7cm	30	1.1m	7cm
40	1.3m	1.4m	9cm	40	1.5m	9cm
60	1.9m	2.2m	13cm	60	2.2m	13cm
80	2.5m	2.9m	18cm	80	2.9m	18cm
100	3.1m	3.6m	22cm	100	3.7m	22cm
120	3.7m	4.4m	27cm	120	4.4m	27cm
150	4.7m	5.5m	33cm	150	5.5m	33cm
200	6.2m	7.4m	44cm	200	7.4m	44cm
300	9.3m	11.1m	66cm	300	11.1m	66cm

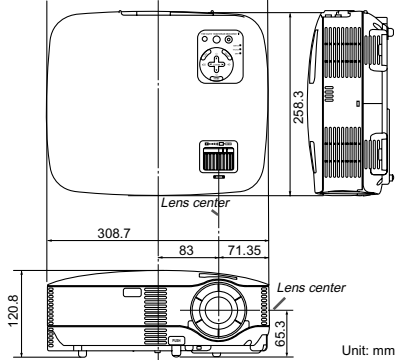
The actual throwing distance may vary within plus or minus 5%. The indicated distance is a design value only.

**Remote Control**



**Dimensions**

Although the appearance is slightly different, the VT580, VT480, VT58 and VT48 are the same in dimensions.



**Soft Case** [basic accessory]



**Options**



KEKI-0510-231RR

for more information  
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Empowered by Innovation



**Portable Projector**

**VT580/VT480/VT58/VT48**

User friendly projector with practical, integrated functions



- **Lightweight: 2.9kg(VT580/VT480), 2.8kg(VT58/VT48)**
- **Brightness: 2000 ANSI lumens (VT580/VT480), 1600 ANSI lumens(VT58/VT48)**
- **XGA(1024 x 768) resolution: VT580/VT58**
- **SVGA(800 x 600) resolution: VT480/VT48**
- **Quick Start & Quick Power Off function**
- **Wall Colour Correction**
- **Auto Vertical keystone Correction (VT580 only)**
- **Security function**
- **Carrying handle**



**Impress and Express with Big Screen Solutions from NEC**



## VT580/VT480/VT58/VT48

Easy to Use

Quick Start

Wall Colour Correction

### ● The projector can be set up or put away quickly with the Quick Start and Quick Power Off function

The projector can project images from the connected PC or video on the screen within about 8 seconds after turning on the power. The fans stop within 30 seconds after turning off the power, so that the user can put the projector away immediately after terminating a conference or class. Furthermore, after turning off the projector, it is possible to turn off the power supply and/or disconnect the power plug from the power outlet even if the cooling fan is still operating.

### ● Wall Colour Correction enables vivid images even without a screen

Without a screen, the projected images may be affected by the colours of the wall or blackboard. This projector has built-in colour correction for projecting images on a coloured wall or blackboard, so that the colour tones of the projected images can be approximated to those projected on a white screen. The following eight colour options are available as user selections: blackboard, blackboard (gray), light yellow, light green, light blue, sky blue, light rose and pink.



### ● Auto Vertical Keystone Correction adjusts the trapezoidal distortion to correct the projected images (VT580 only)

If the position of the screen is too high or low, the projector must be installed at an angle, resulting in trapezoidal distortion of the projected images. The acceleration sensor built into the main unit senses the inclination of the unit in the vertical direction and then corrects for any trapezoidal distortion in the projected images automatically to project square images. (+/- 30 degrees from the projection angle) The user can set up the projector very quickly and easily since it is not necessary to correct it manually. Vertical Keystone Correction operated manually is also available on the VT480/VT58/VT48.



### ● Eco Mode lowers noise and extends lamp life

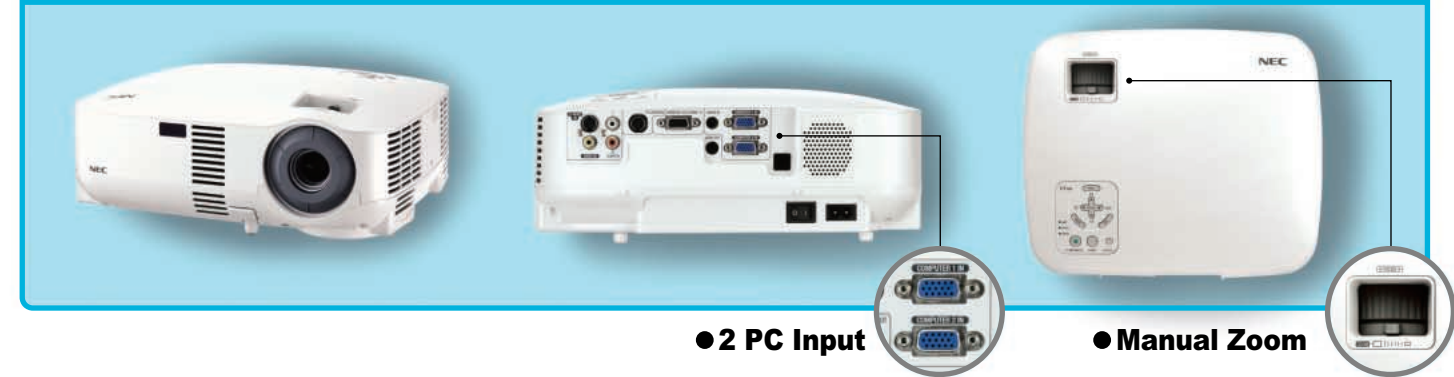
By selecting Eco Mode, projector noise drops to 25 dB for very quiet operation (VT48/VT58). Furthermore, the lamp replacement period can be extended up to a maximum of 4000 hours (estimated, VT48/VT58). By selecting this mode, total cost of ownership can be reduced effectively. Since it can be switched to Eco Mode with the remote control as well, the user can easily change the lamp mode quickly.



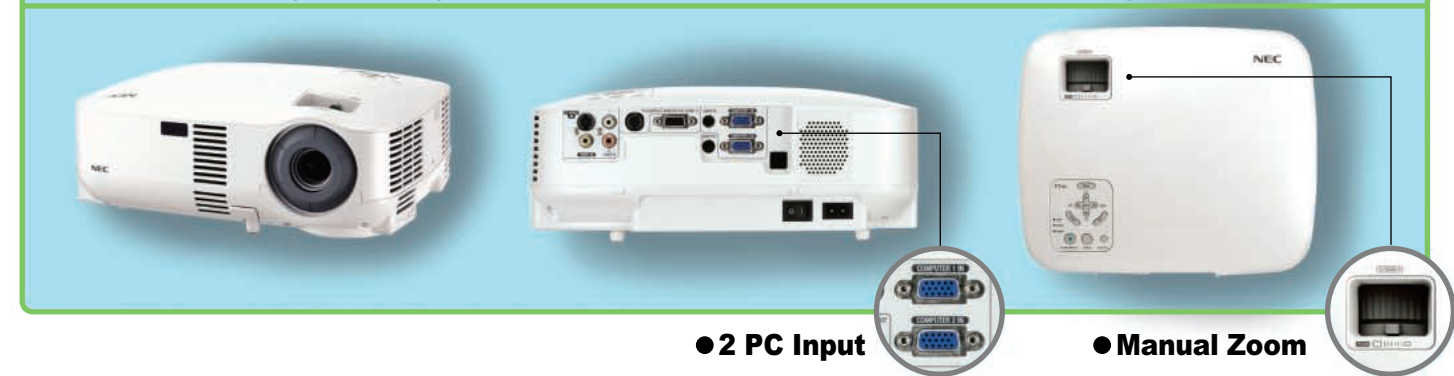
### ● Security function prevents unauthorized use or theft

By using passwords, the projector cannot be used by unauthorized persons. Once the Security function is in effect, a message requesting the password is displayed when the power of the main unit is turned on. It is impossible to project an image unless the proper password is entered.

### VT580 ● XGA (1024 x 768) Resolution ● 2000 ANSI lumens ● Approx. 2.9kg



### VT480 ● SVGA (800 x 600) Resolution ● 2000 ANSI lumens ● Approx. 2.9kg



### VT58 ● XGA (1024 x 768) Resolution ● 1600 ANSI lumens ● Approx. 2.8kg



### VT48 ● SVGA (800 x 600) Resolution ● 1600 ANSI lumens ● Approx. 2.8kg

