

Simple, versatile & economical



With the emphasis on convenience, the VT46 projector provides all the essential functions with high performance, reasonably priced "Easy-to-Use" operation.

- Compact 2.9 kg
- High Brightness 1200 ANSI Lumens
- Short Focus Lens: Throwing distance is 1.8m at 60 inches
- Direct Keys for Easy Operation and Source Selection
- Advanced Colour Management System
- New cabinet colours (Pearl silver)
- Selectable on-screen menu in 19 languages
- Security functions
- Low noise
- Long-life lamp

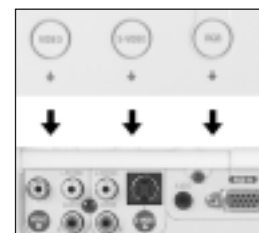


Short Focus Lens

Thanks to the short focus lens, the throwing distance for a 60-inch screen is 1.8 meters and 3.0 meters for a 100-inch screen. With short projection distances, presentations with a large-sized screen are possible without removing desks and chairs, even where space is limited.

Direct Keys

The Direct Keys for Video, S-Video, and RGB let users switch between sources with the touch of a button and are located on the operation panel on the top of the unit. LED displays are located under the corresponding Direct Keys buttons so that users can monitor incoming signals at a glance. The ports for the respective image sources are on the rear panel and users can easily identify the proper cables to be connected with the respective ports. Furthermore, the Video, S-Video, and RGB input ports have each been equipped with independent audio input ports.



Colour Management System

The Colour Correction function corrects image colours according to the image source, such as presentations or movies. The optimum colour tone for the projected images can also be selected. The VT projectors support the white-balance function, which provides optimum colour reproducibility by adjusting the white/black levels of input signals, and the Gamma Correction (for gradation reproducibility) feature provides sharp, clear images even in the dark sections. The adjusted values can be saved in memory on the equipment.



Security functions

The Key Lock function disables the operation buttons so the unit can only be operated via the remote control. A keyword can be set for your projector to avoid operation by an unauthorised user using the Menu. When a keyword is set, turning on the projector will display the keyword input screen. Unless the correct keyword is entered, the projector cannot project an image.

All NEC projectors come with a 3 year, 24 hour replacement, or repair and return guarantee.

NEC VT46

Specifications		VT46
LCD Panel ^{*1}		0.7" (800 x 600) p-Si TFT Active-matrix LCD x 3
Lens		Manual zoom/focus F=1.7 to 2.1, f=21.6-25.9
Lamp		160 W NSH
Lamp life ^{*2}		3,000 H
Image size		21 to 300"
Light Output		1200 ANSI lumens
Resolution	Native Maximum	SVGA (800 x 600) UXGA (1600 x 1200) With Advanced AccuBlend
Contrast Ratio		400:1
Optical Unit		Light Gate, Integrator, XDP
Projector / Zoom Ratio		1.5 - 1.75:1 / 1.2:1
Synchronisation Range	Horizontal Vertical	15 kHz to 100 kHz (RGB 24 kHz or over) 50 Hz to 120 Hz
Video Bandwidth		RGB 80MHz
Horizontal Resolution		550 TV Lines : NTSC/NTSC4.43/PAL/PAL-M/PAL-N/PAL-60 350 TV Lines : SECAM, 800 TV Lines : Y-Cb-Cr
Colour Reproduction		Full Colour, 16,77 Million Colours Simultaneously
Input RGB / Component		Mini D Sub 15 pin video with stereo mini jack for audio
RGB Signals		VGA, SVGA, XGA, SXGA, UXGA
RGB Sync		H/V, Composite or sync on G
Component signals		Y-Cb-Cr (Pb-Pr) 1125i (1080i), 750p (720p), 625p (576p) 525p, (480p), 525i (480i) / 60Hz, 1080i / 50Hz, Progressive PAL-scan / 50Hz, DVD Component Video Signal (15 kHz)
Composite Video input		RCA for video with 2 RCA for L&R audio
Composite signals		NTSC / NTSC4.43 / PAL / PAL-N / PAL-M / PAL-60 / SECAM
S-Video input		Mini DIN 4 pin for Y&C video with 2 RCA for L&R audio
Built-in Speaker		1 W
External PC Control Terminal		1 Mini DIN 8 pin / RS-232 C, IR
Keystone Correction		Manual V max ± 30 degrees
Operating Range	Temperature Humidity	0 to 35°C (32 to 95°F) 20 to 80% (no condensation)
Power Requirement		100 to 120 / 200 to 240 V AC, 50/60 Hz
Power Consumption		220W / 7.5 W (standby)
Quietness		32 db
Dimensions (mm)		310 (W) x 89 (H) x 230 (D) (not including protrusions)
Net Weight		2.9 kg
Supplied with		Remote Control, soft carry case, power & 15 pin RGB signal cables, quick connect guide, lens cap and CD with user manual
Optional Accessories		Ceiling mount kit, component video cable, SCART RGB adapter

*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.

Rear Panel / Remote Control

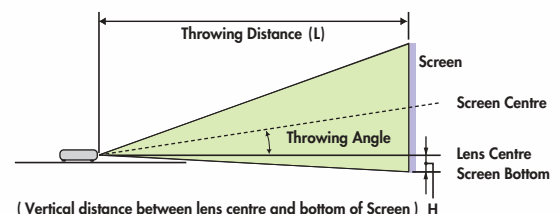


The VT46 represents outstanding value, it is a high performance projector fully equipped with direct-key source selection, a colour management system, short focus lens, on-screen menu in 19 selectable languages, and security functions. Light and compact, the VT46 can be easily installed anywhere and offers comfortable easy-to-use operation for presentations, conferences, or instruction.

Throwing Distance and Image Size

Screen Size (Inch)	Throwing Distance (L)		H
	Wide	Tele	
Minimum	25" 0.7m	21" 0.7m	4cm/3cm
40	1.2m	1.4m	6cm
60	1.8m	2.2m	9cm
80	2.4m	2.9m	12cm
100	3.1m	3.7m	15cm
150	4.6m	5.5m	22cm
200	6.1m	7.4m	30cm
300	9.2m	11.1m	44cm
Throwing Angle	11.3° - 11.8°	9.5° - 10.0°	

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



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JULY 03

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