

Ultra Portable Projector

MultiSync VT770

Empowered by Innovation

NEC



This easy to use projector with the light compact body delivers amazingly high brightness of 3,000 ANSI lumens. With the advanced functions of 3D Reform, Automatic Vertical Keystone Correction and Wall Colour Correction, the VT770 can be installed anywhere you like. The projector is equipped with a full set of input terminals, built-in stereo speakers and security functions - perfect for education or business, classrooms, presentations and meetings.

- Compact: 3.6kg
- Exceptional Brightness: 3,000 ANSI Lumens
- XGA (1024 x 768) native resolution. UXGA (1600 x 1200) native resolution with Advanced AccuBlend
- 3D Reform Geometric Correction for Flexible Installation
- Automatic Vertical Keystone Correction
- Wall Colour Correction
- Multiple Input Terminals
- Quick Start - 15 Sec & Cooling - 10 Sec.
- 5W + 5W Stereo Speakers
- High Quality Video Image
 - ▶ Equipped with New Video Decoder with 3D Y/C Separation
 - ▶ Equipped with Interlace/Progressive scan Converter (480i / 576i / 1080i)
- USB Storage using commercially available USB memory.
- Use a USB mouse for improved operability. Write directly on the screen.
- Security Function (Password, Control Panel Key Lock)
- Eco mode

 for more information
www.nec-pj.com

From Digital Cinema to Mobile Convenience - NEC Projector is the Best Solution

The VT770 is the latest model in NEC's VT series of projectors. There have been further significant enhancements in brightness; and with the advanced functions, easy installation, simple operation and solid security, the light, compact VT770 is the best choice for business presentations or educational events.

3D Reform and Automatic Vertical Keystone Correction

Trapezoidal distortions of projected images are automatically corrected by sensing the vertical inclination of the equipment (Automatic Vertical Keystone Correction). The VT770 can also correct trapezoidal image distortions projected from an angled position (3D Reform), which means greater freedom in setting up the projector. This projector is the best choice for presentations or classrooms.



Wall Colour Correction

The projected image colours can be adjusted depending on the colour of the wall with a single press of a button. Easy-to-see video images can be projected on blackboards (or coloured wall board) in classrooms, or anywhere a screen is not available. The following eight options are available, OFF, Blackboard, Light yellow, Light green, Light blue, Sky blue, Light rose, Pink.

Multiple input terminals and built-in stereo speaker

Input terminals for two computer systems (Mini D-Sub 15 Pin), component, video, S-video, and audio are standard. Furthermore, the projector is equipped with monitor output terminals (Mini D-Sub 15 pin) and voice output terminals, and with the built-in 5W + 5W stereo speaker, high quality images and sounds can be enjoyed.

Preset function adjusts and stores specific colours

The Video Image Correction function adjusts images according to the video source, such as presentations or movies. Select one of five options for video image modes. Up to five settings can be adjusted and stored in memory.

Viewer function for projector only presentations

Presentation documents from a PC and stored on a flash memory card*1 or images from a digital camera and stored on a flash memory card*2 can be reproduced with the Viewer function, for presentations without a PC.

*1 Use commercially available PCMCIA Type II (ATA specification) flash memory cards

*2 Some flash memory cards may not be available for reproducing.

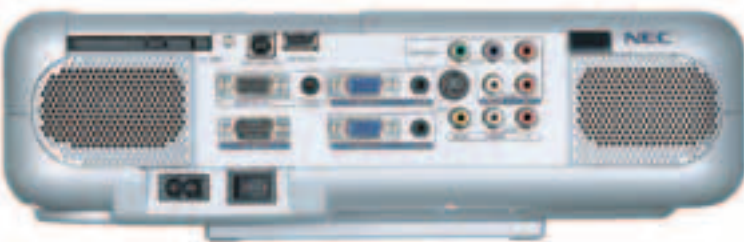
USB Storage using commercially available USB memory

Enhance the viewer and security features of the VT770 with commercially available USB memory. Connect a USB memory card reader with the VT770 and use a memory card to manage data or as a protection key.

Security Function

The Key Lock function disables the operation buttons so the unit can only be operated via the remote control. Password protection prevents changes to the settings* and the PC card authentication settings prevent anyone from using the projector without authorization, which is effective for preventing theft. Improper operation by students in a classroom can also be prevented.

*Menu and background logo settings



Specifications

Specifications		VT770	
LCD Panel*1		0.8-inch [1,024 x 768] p-Si TFT LCD x 3 active-matrix with Micro Lens Array	
Lens		Manual Zoom [Range 1.5 to 1.8] [F 1.7 to 2.0] / Manual Focus [f=24.0 mm to 28.8 mm]	
Lamp		200 W AC (Lamp Eco Mode 152 W)	
Lamp life*2		2,000 H (Lamp Normal Mode) / 3,000 H (Lamp Eco Mode)	
Image size		25 to 300 inches (0.6 to 7.6 m) diagonal	
Projection Distance		0.7 (Wide) to 11.0 m (Tele)	
Projection Angle		Tele : 9.5° to 9.9° Wide : 11.4° to 12.1°	
Light Output		3,000 ANSI lumens (Lamp Eco Mode 2,300 ANSI lumens)	
Resolution	Native Resolution	XGA [1,024 x 768]	
	Maximum Resolution	UXGA (1,600 x 1,200) With Advanced AccuBlend	
Contrast Ratio		400 : 1 (Full white / black)	
Optical Unit		Light Gate, Integrator, XDP	
Synchronization	Horizontal	15 kHz to 100 kHz (RGB : 24 kHz or over)	
	Vertical	50 to 120 Hz	
Video Bandwidth		RGB : 80 MHz (-3 dB)	
Horizontal Resolution		540 TV Lines : NTSC / NTSC4.43 / PAL	
		300 TV Lines : SECAM	
Colour Reproduction		Full Colour, 16.7 Million Colours Simultaneously	
Input Terminals	2 COMPUTER (1 & 2)	2 D-Sub Mini 15 pin	RGBHV, VGA, SVGA, XGA, SXGA, SXGA+, UXGA RGB 0.7 Vp-p / 75 Ω Positive H/V Sync 4.0 Vp-p / TTL Polarity Composite Sync 4.0 Vp-p / TTL Polarity Sync on G 0.3 Vp-p / 75 Ω Negative Polarity
		2 Stereo Mini Jack	Stereo L/R 0.5 Vrms / 22 kΩ or over Y 1.0 Vp-p / 75 Ω Positive [with Sync] Cb-Cr [Pb-Pr] 0.7 Vp-p / 75 Ω
	1 Component Input	3 RCA pin (Green, Blue, Red) Green [Y] is Also Available for Video Input	1125 i [1080 i], 750 p [720 p], 525 p [480 p], 525 i [480 i] / 60 Hz 1125 i [1080 i], 625 i [576 i], 625 p [576 p] / 50 Hz, Progressive PAL-scan / 50 Hz DVD Component Video Signal
		2 RCA pin	Stereo L (Mono) / R 0.5 Vrms / 22 kΩ or over
	2 Video Input	RCA pin (Yellow) RCA pin (Green)	NTSC / NTSC 4.43 / PAL / PAL-N / PAL-M / PAL-60 / SECAM 1.0 Vp-p / 75 Ω
		2 RCA pin	Stereo L (Mono) / R 0.5 Vrms / 22 kΩ or over
	1 S-Video Input	1 Mini DIN-4 pin	Y 1.0 Vp-p / 75 Ω C 0.286 Vp-p / 75 Ω
		2 RCA pin (Sharing with Video)	Stereo L (Mono) / R 0.5 Vrms / 22 kΩ or over
	1 MONITOR Output	1 D-Sub Mini 15 pin	Selected RGB Signal or Component Signal Output
	1 AUDIO Output	1 Stereo Mini Jack	Stereo [L/R] : Variable output Selected RGB Or Component, Video, S-Video With Audio Signal Output
PC-Card Slot		PCMCIA Type II	
Built-In Speaker		5 W x 2 STEREO	
Control Terminals	2 USB Port	USB Ver 1.1 Specifications	
		1 A Type	Connect to USB MOUSE or USB memory/USB card reader
	PC Control	1 B Type	Connect to COMPUTER
Keystone Correction	Horizontal	Manual Approximately. Max ± 35° *3	
	Vertical	Automatic & Manual Approximately. Max ± 40°	
Environment	Operational Temperatures	32° to 95° F (0° to 35° C), 20 to 80 % Humidity (Non-Condensing)	
	Storage Temperatures	14° to 122° F (-10° to 50° C), 20 to 80 % Humidity (Non-Condensing)	
Power Requirement		100 to 240 V AC, 50 Hz / 60 Hz	
Input Current		Max. 3.2 A	
Power Consumption		280 W / 225 W (Lamp Eco Mode) / 6 W (Power-saving Mode) / 9 W (Idle Mode)	
Regulations		UL Approved (UL 60950, CSA 60950)	
		Meets FCC Class B requirements	
		Meets AS/NZS CISPR 22 2002 Class B	
		Meets EMC Directive (EN55022, EN55024, EN61000-3-2, EN61000-3-3)	
		Meets Low Voltage Directive (EN60950, TUV GS Approved)	
Quietness		35 dB (Lamp Normal Mode), 30 dB (Lamp Eco Mode)	
Dimensions (W x H x D)		340 mm x 97 mm x 245 mm [Not including Protrusions]	
Net Weight		3.6 kg	

*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.

*3 : In cornerstone mode, correcting to maximum image size. In keystone mode : 27°
Relative illumination : 85%

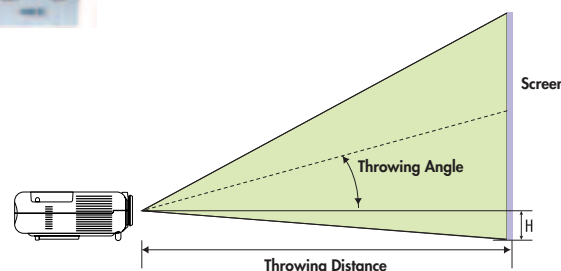
All specifications are subject to change without notice.

Remote Control Throwing Distance and Image Size



Screen Size (Inch)	Throwing Distance		Bottom Height
	Wide	Tele	
25	0.7 m	0.9 m	4 cm
30	0.9 m	1.1 m	5 cm
40	1.2 m	1.4 m	6 cm
60	1.8 m	2.2 m	9 cm
80	2.4 m	2.9 m	12 cm
100	3.0 m	3.6 m	15 cm
150	4.5 m	5.5 m	22 cm
200	6.0 m	7.3 m	30 cm
300	9.1 m	11.0 m	44 cm

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



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