Empowered by Innovation

NEC

LCDs • Projectors • Plasmas • LCDs • Projectors • Plasmas • LCDs • Projectors

DESKTOP PROJECTOR

NEC VT590



Award-winning projector concept for schools, training or education - bright, crystal-clear images with high colour fidelity.

- Brightness: 2000 ANSI Lumens

see more.

NEC Display Solutions

NEC VT590

TECHNICAL SPECIFICATIONS

Display	3 x 1,52 cm (0,6") p-Si LCD Panel with MLA
Lamp	190 W DC (150 W DC Eco Mode)
Lamp Life [hrs]	2000 (3000 Eco Mode)
Brightness [1]	2000 ANSI Lumens (1600 ANSI Lumens Eco Mode)
Contrast Ratio [1]	600:1
Lens	F= 1,7–2,07, f= 18,9–22,7 mm
Diagonal: min. / max. [cm]	53 / 762
Projection Distance [m]	0,7 – 11,1
Projection Factor	1,5 – 1,8 : 1
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz
Native Resolution	1024 x 768 (XGA)
Supported Resolutions	1920 x 1080 (HDTV 1080i/60, HDTV 1080i/50); 1600 x 1200 (UXGA); 1280 x 1024 (Mac 23"); 1280 x 1024 (SXGA); 1280 x 720 (HDTV 720p); 1024 x 768 (XGA); 832 x 624 (Mac 16"); 800 x 600 (SVGA); 720 x 576 (DVD progressive); 720 x 480 (SDTV 480p); 720 x 480 (DVD progressive); 640 x 480 (VGA/Mac 13"); 1152 x 870 (Mac 21") compressed
ComputerAnalog	Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr); Output: 1 x Mini D-sub 15 pin
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 1 x RCA Stereo
PC Control	Input: 1 x Mini DIN 8 pin (female)
Video Signals	PAL / PAL60 / NTSC / SECAM / NTSC 4.43 / PAL-N / PAL-M
Audio Functions [W]	1 x 1 (mono)
Zoom / Focus Adjustment	Manual / Manual
Benefits	Colour Management; Help Function; Manual Wall Color Correction; Manual, vertical Keystone Correction (V= ±30°); Off-Timer; Optional User Logo; OSD with 21 languages; Password Security System; Plug&Play; Quick-Start-/Quick-Power-Off Function; RS-232 Control; Short Throw Lens; Source Select with Beep Function; Supports Windows Vista Network Functions
Remote Control	Type RD-427E; Aspect Ratio; Audio Control; Auto Adjust; Freeze-function; Lamp Mode Control; Magnify-function; Optional Presentation and Mouse Control; Picture Adjust; Picture Mute; Source Select
Dimensions (W x H x D) [mm]	309 x 112 x 258 (without lens and feet)
Weight [kg]	2,9
Power Supply	100-120 V/200-240 V AC; 50 - 60 Hz
Power Consumption [W]	255 max.; 9 Stand-by Mode
Fan Noise [dB (A)]	29 Eco Mode
Safety and Ergonomics	CE; TÜV GS; RoHS
Warranty	Projector: 3 years pan-European Premium Service; Lamp: 6 Months, max. 1000 Hrs
Shipping Contents	Projector; IR Remote Control (RD-427E); Mini D-SUB Signal Cable; Power Cord (4,5 m); Soft Case; Handle; Users Manual on CD-ROM; Quick Setup Guide; Lens Cap
Optional Accessories	Ceiling Mount Kit (VT80CM); Lamp (VT85LP); Mouse Receiver (NP01MR)

[1] Compliance with ISO21118-2005

All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All rights reserved. All specifications are subject to change without notice. 03/09

www.nec-display-solutions.com

NEC Display Solutions Europe GmbH