NEC WT Series Projectors

Revolutionary lensless technology

Eye catching design

Installation flexibility

100" image size at less than 26" throw

Fits in incredible small spaces

Extensive Connections

WT610
Goes where no projector has gone before
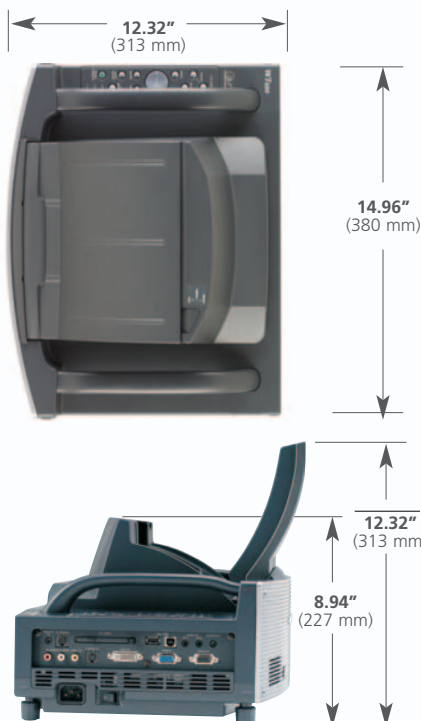
Smart designs enable versatile actions.
° **Space saving design.** Achieve up to a 100" diagonal image from 25.95" away from the screen.
° **Designed to fit** into the smallest of rooms.
° **Network connectivity.** Communicate with the projector with or without wires through an existing infrastructure or an on-the-fly peer-to-peer connection.
° **USB flexibility.** Play back presentations or display images stored as .jpgs from standard USB keys.
° **Project on almost any color wall.** Preset selections provide for adaptive color tone correction when projecting onto non-white screen material or walls.
° **Extensive connections** to virtually any source through HDTV, S-Video, Component, Composite video.
° **Adapts for special needs.** ADA508 compliant for hearing-impaired and colorblind users supporting closed caption display and black & white menu options.
° **Pincushion adjustment.** Maximize image display with fine tune pincushion adjustments that reduce barrel distortion.
° **Autosense™** intuitively syncs the projector with most computer signals and features one-touch image optimization.

Amazing images enable stunning presentations.
° **High resolution display.** XGA (1024 x 768) native resolution, compatible with computer signals up to SXGA+ (1400 x 1050).
° **High contrast.** 3500:1 enables varying levels of black to be displayed by the projector for improved video quality.
° **Bright.** 2,000 ANSI lumens.
° **Real life colors.** VORTEX Technology Plus™ breakthrough image processing technology improves white balance, color accuracy, dynamic range and varying levels of black in an image.
° **HDTV capable.** HD Signal compatibility for the best video quality.
° **Advanced AccuBlend™.** Ensures detailed images even when non-native resolution sources are connected to the projector.
° **Color management.** Automatically adjusts for input type (presentation, movie, video, graphic and sRGB).
° **Variable audio out.** Control external amplified audio through the projector.
° **Enhanced video.** DLP™ technology enables real life video.

NEC is a leader in developing technologies to extend projector life.
° **Extended lamp life.** Eco-mode™ technology increases lamp life by up to 100% for up to 4,000 hours.
° **Security features.** Enhanced multi-level security features protect your investment.
   • **Integrated lock slot.** Attach a security cable to physically lock down the projector
   • **Cabinet control lock.** Password protection restricts access to menu system
   • **Logo lock.** Restricts changes to logo saved in projector memory
   • **Password protection** restricts unauthorized use of projector
° **E-mail notification** when maintenance is due
° **Quiet operation.** Low operating noise at <32dB in Eco-Mode.
° **Sleep timer** setting enables projector to automatically shut down.

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NEC

12.32"
(313 mm)

14.96"
(380 mm)

12.32"
(313 mm)

8.94"
(227 mm)

remote   **WT60ATA**   **Lamp**

NEC WT Series Projectors

Optical*

Panel	Single chip 12 degree DMD
Resolution	1024x768 pixels native up to UXGA with Advanced AccuBlend
Optical display	Aspheric mirror x 4, power focus
Light Output	2000 normal, 1500 Eco-Mode (ANSI, typical)
Lamp	275W normal, 210W Eco-Mode
Lamp Life (up to)	Eco-mode 4000H; Normal mode 2000H
Contrast Ratio	3500:1
Image Size	40 - 100 inches diagonal
Keystone Correction	±5° Horizontal and –5° Vertical
Projection Distance	2.5 – 25.9 inches, 64 – 659 mm
Projection Angle	55°

Electrical

Inputs	1 DVI-I (w/HDCP), 1 RGB, 1 S-Video, 1 Video, 1 PC Card, 2 Stereo Mini Audio, 1 RCA Audio
Outputs	1 RGB, 1 Stereo Mini Audio
Control Terminals	1 USB A, 1 USB B, 1 Remote Control Input, 1 PC Control
Video Compatibility	NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, HDTV: 1080i, 720p, SDTV: 480p, 480i
Scan Rate	Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 50 to 120Hz
Video Bandwidth	RGB 80 MHz
Pixel Clock Freq	135MHz
Color Reproduction	16.7 million colors simultaneously, Full color
Horizontal Resolution	NTSC, NTSC4.43, PAL/PAL-M/PAL-N/PAL-60 - 540 TV lines, SECAM - 300 TV lines, Y/Cb/Cr -540 TV lines, RGB -1024dots (H) x 768dots (V)
External Control	RS232, LAN (AMX/Crestron compatibility), remote in
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Built-in Speakers	1Wx2
Fan Noise	Eco-Mode <32dB; Normal mode <37dB
Power Requirements	100-120VAC/200-240VAC, 50/60Hz
Input Current	3.9A (100V), 1.7A (240V)
Power Consumption	Eco-Mode 300W, Normal 370W, 0.6W Standby, 8.0W Idle Mode

Mechanical

Installation	Orientation: Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	14.96" x 12.32" x 12.32" 380x313x313mm, mirror open (not including protrusions)
Net Weight	14.1 lb. (6.4 kg)
Environment	Operational Temp. 41° to 95°F / 5° to 35°C Humidity: 20-80% non-condensing Storage: 14° to 122°F / -10° to 50°C
Regulations	USA UL 1950 FCC Class B Canada CSA950 (C-UL)
Accessories	Users manual, wired/wireless remote control, D-sub signal cable, DVI-D signal cable, DVI-A – D-sub signal cable, audio cable, USB A-B cable, power cable, set up guide, registration card
Warranty	Owners receive a 2-year limited parts and labor warranty. RepairCare™ is provided during the first year of coverage for registered owners. RepairCare provides the original owner with 3-business day repair and return of the projector. When used under normal operating conditions, the lamp is covered for 90 days or 500 hours, whichever comes first.

Special Features

Networking	PC Card slot provides for optional wireless or wired network connection. System administrator can access the projector to handle remote diagnostics and control, asset management and provide for real time source display. Also provides email notification selection
Security Enhancements	User can enable Projector to become inoperable if password or PCMCIA security card are not input. Cabinet Control Panel Lock –Lock cabinet control keys to prevent unauthorized access and adjustments Password protected logo and menu enable to further eliminate unauthorized use Kensington Lock slot
Pincushion Adjustment	Maximize image display with pincushion fine tune adjustments that reduce barrel display
Digital Zoom	Manage the image size and position with the ability to digitally zoom and move in on the displayed information
Built-In Wall Color Correction	Preset selections provide for adaptive color tone correction when projecting onto a non-white screen material or wall
VORTEX Technology Plus	Provides uncompromising display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences
3D Reform	Allows flexible placement of projector for square image display- adjusts horizontal, vertical and diagonal keystone correction
Sleep Timer	Timer can be set to automatically turn off the projector at selected intervals up to 16 hours
Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector.
AutoSense	Automatic set-up and one touch adjustments for ease of use
Eco-Mode	Increase lamp life through light output adjustments
USB connections	Allows for USB drive or USB mouse support
Gov Regulation Compliance	ADA508 and Executive Order 13221compliant
Built-in Presentation Viewer	Download your presentation onto a PC Card and present directly from the projector

Product/Accessories

Order Code	Description
WT610	WT610 2000 ANSI lumen mirror projector
WT61LP	Replacement lamp
WT60CM	Ceiling mount kit
WT60ATA	ATA shipping case
NWL-100A	802.11b/g wireless LAN PC card

*Please consult www.necvisualsystems.com for screen information when using the WT610 in rear projection displays.

VORTEX TECHNOLOGY   **RepairCare**℠

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