

# Look at things differently

## WT610E digital projector.



REVOLUTIONARY LENSLESS  
TECHNOLOGY

UP TO 4000 HOUR LAMP LIFE

EYE CATCHING DESIGN

INSTALLATION FLEXIBILITY

100" IMAGE SIZE AT LESS THAN 26"  
THROW DISTANCE

FITS IN INCREDIBLY SMALL SPACES

EXTENSIVE CONNECTIONS

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 (802.11b/g).
- **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 UXGA (1600 x 1200).
- **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.** Lock cabinet control keys to prevent unauthorized access.
  - **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.

*Because it's your image.*

**NEC**



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### OPTICAL

Display Technology	Single chip 12 degree DMD	
Resolution	Native:	XGA 1024 x 768
	Maximum:	UXGA 1600x1200
Light Output (lumens)	2000 normal, 1500 eco	
Contrast Ratio	3500:1	
Lamp Type	275W DC	
Lamp Life (up to)	2000 hours normal, 4000 hours eco	
Screen Size (diagonal)	40-100 inches diagonal	
Projection Distance	2.5 - 25.9 inches, 64 - 659 mm	
Projection Angle	55°	
Keystone Correction	±5° Horizontal and -5° Vertical	

### SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	Horizontal	15 to 100 kHz (non-interlaced)
	Vertical	50 to 120Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility	1080i, 720p, 576p, 576i, 480p, 480i	
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA	
Macintosh Compatibility	Yes	
Input/Output Terminals	RGB 1 (analog)	15 pin
	RGB 2 (analog)	DVI-I with HDCP
	Video 1	Composite
	Video 2	S-Video
	Audio	1 set RCA, 2 stereo mini
	Audio Out	Variable audio out
	Monitor Out	Yes

Audio	1Wx2
External Control	RS232, LAN (AMX/Crestron compatibility), remote in
Sync Compatibility	Separate Sync/Composite Sync/Sync on G
Networking	Wired LAN using integrated RJ45, 802.11b/g wireless with optional card

### ELECTRICAL

Power Req.	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
Fan Noise	<37 dB normal/<32 dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM

### ENVIRONMENTAL

Operational Temp	41° to 95°F / 5° to 35°C
Humidity	20-80% non-condensing
Storage	14° to 122°F / -10° to 50°C

### 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.

### IN THE BOX

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

### ACCESSORIES

Order Code	Description
WT610E	WT610E 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
WTPL-01	Extends term of limited parts and labor warranty to three years

### UNIQUE FEATURES

Advanced AccuBlend	Ensures detailed images when non-native resolution sources are connected to the projector.
Autosense	Automatically syncs with any computer signal and features one touch image optimization.
VORTEX™ Technology Plus	Breakthrough image processing technology improves white level, color accuracy, dynamic range and varying levels of black in an image.
3D Reform™	Provides the ability to square the image by adjusting 3D Reform horizontally, vertically or diagonally when the projector can not be placed parallel or perpendicular to the screen.
Eco-Mode™ Technology	Extends lamp life, lowers audible noise and reduces total cost of ownership.
Built-in Wall Color Correction	Presets provide for adaptive color tone correction to display properly on non-white surfaces.
Kensington Lock Slot	Enables security cable to be attached to projector.
Image Magnification	64-step image magnification with location control.
Sleep Timer	Count down timer can be set to automatically turn off the projector.



For more information, call 1.800.NEC.INFO  
or visit [www.necvisualsystems.com](http://www.necvisualsystems.com)

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