

New Product Highlights

New MultiSync WT610 Projector

Can be positioned right up against the wall.

Perfect for small offices, classrooms and retail environments where space is at a premium.



WT610

- 2,000 ANSI Lumens
- XGA Resolution (1024 X 768)
- Contrast ratio of 3500:1

Just a short throw to the perfect image. The new revolutionary WT610 short throw projector from NEC has the world's shortest throwing distance so that the presenter and audience can move about freely in front of the screen without obstructing the image. The WT610 can be positioned right up against the wall in places where space is limited or in informal situations where people are not sitting while watching the presentation, for example, exhibitions, live events, press launches etc.

The WT610 is the perfect fit for tight cubical office spaces, classrooms and retail environments where there is limited space and obstacles to the view. Business meeting rooms have become smaller and while normal front projectors require a throw distance of feet, the WT610 can achieve up to a 80 inch screen display in less than 18 inches*. In retail settings, shelf space is at a premium and the WT610 with its short throw distance, vivid graphics and video display can enhance customer interaction without reducing the merchandising display area. In a classroom environment, the projector can be moved to the front of the class giving the teacher more freedom to interact with the students without worrying about stepping in front of the projected image.

* The throwing distance and height of the bottom edge of the screen are calculated with an aspect ratio of 4:3

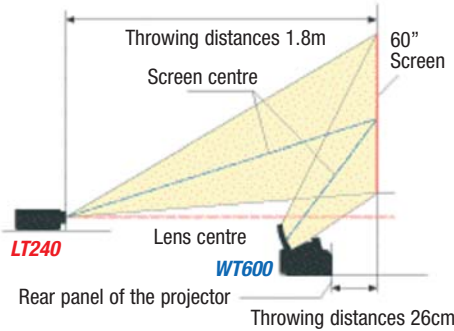
Special features

- Aspheric mirror projector technology
- World's shortest projection throw distance
- Project a 80" image from *18inches
- 3500:1 contrast ratio
- DLP XGA, with 2000 ANSI lumens brightness
- Optional, 40 inch combined stand and screen available
- Computer graphics display up to UXGA
- HD compatible, DVI with HDCP and HDMI
- Presentation viewer function
- Wireless or wired LAN 811b/g
- 3D Reform Keystone Correction
- 3 year pan-European 24 hour repair and return guarantee
- Low noise 32dB



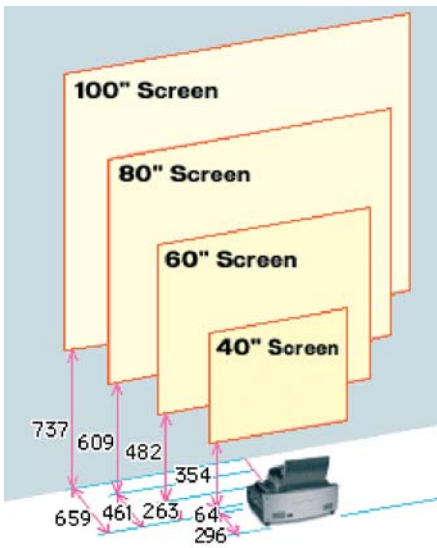
Advantages of the WT600 short throw projector

• Comparison between the WT600 and LT240
(For a screen size of 60")



Projection throwing distance

Screen size - height x length (m)	Throwing distance*
40" (0.6 x 0.8)	6.4 cm
60" (0.9 x 1.2)	26.3 cm
80" (1.2 x 1.6)	46.1 cm
100" (1.5 x 2.0)	65.9 cm



Unit: (mm)

Errors are within +/- 5% of these design values.
The throwing distance and height of the bottom edge of the screen are calculated with an aspect ratio of 4:3.

Input terminals



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Specifications

Model Name		WT600		
DMD panel*		1 chip DMD (0.7") reflection, 1,024 x 768		
Lamp		220W DC (normal mode) / 176W (Eco mode)		
Lamp life**		2,000H (normal mode) / 3,000H (Eco mode)		
Image size		40inch to 100inch (projection distance: 0.064m to 0.659m)		
Light output		2,000 lumens (normal mode) / 1,500 lumens (Eco mode)***		
Maximum resolution		UXGA (1,600 x 1,200 pixels) with Advanced AccuBlend		
Contrast ratio		3,500:1		
Optical unit		Aspheric mirror x 4		
Synchronization range	horizontal	24kHz to 100kHz (RGB: 24kHz or over)		
	vertical	50Hz to 120Hz		
Video bandwidth		RGB: 80MHz		
Horizontal resolution		540 TV lines: NTSC / NTSC 4.43 / PAL / Y · Cb · Cr		
		300 TV lines: SECAM		
Colour reproduction		Full colour, 16.7 million colours simultaneously		
Input terminals	1 DVI-I	1 DVI-I 29 pin	RGBHV (digital) T.M.D.S Specifications VGA, SVGA, XGA, SXGA	
			RGBHV (analogue) VGA, SVGA, XGA, SXGA (with Advanced AccuBlend), UXGA (with Advanced AccuBlend)	
	1 RGB input	1 Stereo Mini Jack	Stereo L/R	0.5Vrms / 22kΩ or over
		1 D-sub Mini 15 pin	RGBHV	VGA, SVGA, XGA, SXGA (with Advanced AccuBlend), UXGA (with Advanced AccuBlend)
			RGB	0.7Vp-p / 75kΩ
			H / V Sync	4.0Vp-p / TTL Polarity
	1 Video input	1 stereo Mini Jack	Composite Sync	4.0Vp-p / TTL Level Polarity
			Sync on G	0.3Vp-p / 75kΩ Negative Polarity
		1 Mini D-Sub 15 pin (sharing with RGB input)	Stereo L/R	0.5Vrms / 22kΩ or over
			Y	1.0Vp-p / 75kΩ (with Sync)
			Cb-Cr (Pb-Pr)	0.7Vp-p / 75kΩ
	1 S-Video input	1 RCA pin	Composite Video	NTSC / NTSC 4.43 / PAL / PAL-N / PAL-M / PAL-60/SECAM
			1 RCA pin	Stereo L (MONO) / R
	1 Video input	2 RCA pin	Y	1.0Vp-p / 75kΩ
			C	0.286Vp-p / 75kΩ
1 S-Video input	2 RCA pin (sharing with RGB input)	Stereo L (MONO) / R	0.5Vrms / 22kΩ or over	
Output terminals	1 RGB output	1 D-Sub Mini 15 pin	Output analogue signal	
	1 audio output	1 stereo Mini Jack		
Control terminals	2 USB port	1 A type, 1 B type		
	Remote control input	1 stereo Mini Jack	External control	
	PC control	1 Mini DIN-8 pin	RS-232C	
PC-Card slots		PCMCIA type II		
Built-in speaker		1W + 1W (stereo)		
Keystone Correction		H max ± 5 degrees; V max -5 degrees		
Environment	Operational temperatures	41° to 95°F (5° 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 240V AC, 50Hz / 60Hz		
Power consumption		290W (lamp normal mode) / 230W (lamp Eco mode) / 0.6W (standby) / 8W (idle)		
Input current		3.2A (100 to 120V AC) / 1.6A (200 to 240V AC)		
Quietness		37dB (lamp normal mode), 32dB (lamp Eco mode)		
Regulations	UL approved (UL 1950, CSA-950)			
	Meets DOC Canada class B requirements			
	Meets FCC class B requirements			
	Meets AS / NZS3548 class B			
	Meets EMC Directive (EN55022, EN55024, EN61000-3-2, EN61000-3-3)			
Dimensions (W x H x D)	Meets Low Voltage Directive (EN60950, TUV GS approved)			
	With the mirror cover open 380mm x 313mm x 313mm (not including protrusions)			
		With the mirror cover closed 380mm x 227mm x 296mm (not including protrusions)		
Net weight		5.9kg		

* Effective pixels are more than 99.99% of total pixels.

** 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.

*** 1,500 ANSI lumens (normal mode) / 1,200 ANSI lumens (Eco mode)

All specifications are subject to change without notice.