

## Toshiba TDP-TW350U Conference Room Projector Specifications

Model	TDP-TW350U	
Display Technology	Shape	0.7" DMD DLP™
	No. of Pixels	786,432 (1024 x 768)
Projection Lens	Standard Lens	1.5x power zoom/auto focus
	F/f (mm)	F = 2.4 - 3.0, f = 21 - 31.5mm
Light Source		300W
Brightness		3500 ANSI lumens
Native Resolution		XGA 1024 x 768
Wireless Technology		IEEE 802.11b/g
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		33 - 300 inches
Projection Distance		3.8 ft - 45.1 ft
Throw Ratio		1.47 - 2.23:1
Compatible Scanning Frequency	Horizontal (kHz)	15 - 120 kHz
	Vertical (Hz)	30 - 150Hz
Input Terminal	RGB	1 x D-sub 15
		1x 5 BNC (R, G, B, H, V)
		1x DVI-I
	Video	1x S-video; 1x RCA for Composite Video
	RGB Audio	3x stereo mini-jack
Input Signal Format	Video	NTSC, PAL, SECAM
	Color Difference	HDTV/DTV (480p/480i/576i/576p/720p/1080i), DVD
	RGB	VGA, SVGA, XGA (native), SXGA (compressed), UXGA (compressed)
Output Terminal	Audio	1x stereo mini-jack
	RGB	1x D-sub 15 terminal
Other Terminal	RS-232	1x mini DIN 8-pin
	RJ-45	1x RJ-45 networking terminal
	PC-Card Slot	1x PC-card slot for wireless LAN card
	USB	1x USB port
Keystone Correction		Auto Vertical / Auto Horizontal
Auto Set		Yes
Noise Level		33dB (29dB in low mode)
Internal Speaker		4W+4W (Stereo)
External Dimensions (W x D x H)		13.4" x 12.9" x 4.5"
Weight		12.1 lbs.
Power Consumption		400W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LW13

### Projection Distance and Size

Use the figures, tables, and formulas below to determine the projection size and projection distance.  
(Projection sizes are approximate values for full-size picture with no keystone adjustment.)

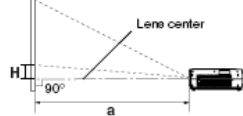
Screen As seen from above



$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.552}{32.929}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.0087}{21.735}$$

As seen from the side



a is the distance (m) between the lens and the screen, and corresponds to a range of 1.17 m to 13.76 m. H is the height from the image bottom to the center of the lens.

projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
33	—	1.17	6.8
40	1.17	1.79	8.2
60	1.77	2.71	12.3
80	2.38	3.63	16.5
100	2.99	4.55	20.6
150	4.51	6.85	30.9
200	6.03	9.16	41.1
250	7.54	11.46	51.4
300	9.06	13.76	61.7

### Box Contents

- Mouse remote control with laser pointer
- Mouse remote control receiver
- Power cord
- RGB cable
- Wireless LAN PC card
- Audio cable for computer Input
- Audio cable for video input
- CD-ROM
- User's Manual
- Soft Carrying Bag