

Toshiba TDP-T100U Conference Room Projector Specifications

Model	TDP-T100U	
Display Technology	Shape No. of Pixels	0.55" DMD DLP 786,432 (1024 x 768)
Projection Lens	Standard Lens F/f (mm)	1.6x manual zoom/manual focus F = 2.23 - 2.82, f = 20.5 - 32.8mm
Throw Ratio		1.8 - 2.9:1
Lamp		275W
Brightness		2700 ANSI Lumens
Native Resolution		XGA 1024 x 768
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		30" - 300"
Projection Distance		4.8 ft - 36.4 ft
Compatible Scanning Frequency	Horizontal (kHz) Vertical (Hz)	15 - 120kHz 50 - 150Hz
Input Terminals	Video RGB	1 x Composite, 1x S-Video 2 x D-sub 15-pin terminal
	RGB Audio Video/S-Video Audio	1x stereo mini-jack 2 x RCA (L/R)
Input Signal Format	Video Color Difference RGB	NTSC, PAL, SECAM HDTV/DTV (1080i/720p/576p/576i/480p/480i) VGA, SVGA, XGA (true), SXGA (compressed), UXGA (compressed), MAC
Output Terminals	Audio RGB	1x stereo mini-jack (variable output) 1x D-sub 15-pin outupt terminal
Digital Keystone Correction		Automatic vertical +/- 30°
Noise Level		36dB (33dB in low mode)
Internal Speaker		1.0W Monaural
PC Interface		1 x RS232C
External Dimensions (WxDxH)		11.8" x 8.6" x 3.9"
Weight		6.6 lbs.
Power Consumption		380W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LW10
Box Contents	Remote control with laser pointer Mouse remote control receiver Two size AAA batteries for remote control Power cord RGB cable CD-ROM User's Manual Soft Carrying Case	

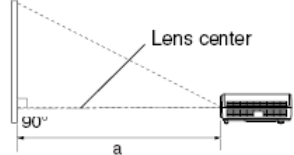
Projection Distance and Size

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**



As seen from the side



a is the distance (m) between the lens and the screen, and corresponds to a range of 1.07 m to 11.09 m.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.0437}{26.957}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 0.6246}{16.749}$$

projection size (inches)	projection distance a (m)	
	min length (zooming max)	max length (zooming min)
30	1.07	1.75
40	1.45	2.35
60	2.19	3.55
80	2.93	4.74
100	3.67	5.93
150	5.53	8.92
200	7.38	—
250	9.24	—
300	11.09	—