

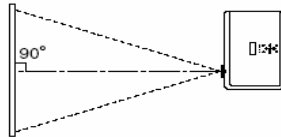
Toshiba TLP-S70U Product Specifications

Model		TLP-S70U
Display Technology	Shape No. of Pixels	0.7" LCD x 3 480,000 (800 x 600)
Projection Lens	Standard Lens F/f (mm)	1.2x manual focus/manual zoom F=1.8 - 2.1, f=26.5 - 31.5 mm
Light Source		165W
Brightness		2000 ANSI lumens
Native Resolution		SVGA 800 x 600
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		400:1
Projection Screen Size (Diagonal)		33 - 300 inches
Projection Distance		4.8 ft - 37 ft
Compatible Scanning Frequency	Horizontal (kHz) Vertical (Hz)	15-93kHz 50-85Hz
Input Terminals	Video Color Difference Audio RGB	2 channels (RCA x 1, S-Video x 1) 1 channel (mini D-sub 15 pin x 1, shared with RGB signal) 1 channel (stereo mini-jack x 1) 1 channel (mini D-sub 15 pin x 1)
Input Signal Format	Video Color Difference RGB	NTSC, PAL, SECAM HDTV/DTV (480p/480i/720p/1080i), DVD VGA, SVGA, XGA (compressed), SXGA (compressed), UXGA (compressed)
Output Terminal	RGB	1 channel (mini D-sub 15 pin x 1)
Automatic Keystone Correction		Digital +/- 15 degrees
Noise Level		37dBA (33dBA in low mode)
Internal Speaker		1.0W Monaural
PC Interface		RS232 (mini DIN-8 pin)
Digital Zoom	Computer Video (RGB) Component Video	Up to 10X Up to 3X
External Dimensions (WxDxH)		11.8" x 8.1" x 3.3"
Weight (lbs)		4.9 lbs.
Power Consumption		265W
Power Source		AC100-240V, 50/60Hz

Projection Distance and Screen Size (with optical zooming)

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

Screen **As seen from above**



For TLP-T70M/T71M/S70/S71

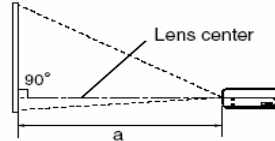
$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.547}{26.44}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.2907}{22.06}$$

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.45 m to 11.29 m.

screen size (cm)	projection distance a(m)	
	min length (zooming max)	max length (zooming min)
40 (102)	1.45	1.75
60 (152)	2.21	2.66
80 (203)	2.97	3.57
100 (254)	3.72	4.47
150 (381)	5.61	6.74
200 (508)	7.51	9.01
250 (635)	9.40	11.27
300 (762)	11.29	—

As seen from the side



For TLP-T60M/T61M/S40/S41

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.4285}{30.68}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.1908}{25.574}$$

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.26 m to 9.73 m.

screen size (cm)	projection distance a(m)	
	min length (zooming max)	max length (zooming min)
40 (102)	1.26	1.52
60 (152)	1.91	2.30
80 (203)	2.56	3.08
100 (254)	3.21	3.86
150 (381)	4.84	5.82
200 (508)	6.47	7.77
250 (635)	8.10	9.73
300 (762)	9.73	—

Box Contents

Remote Control, Power Cord, RGB Cable, CD-ROM, Owner's Manual, Soft Carrying Case