

TLP-XD2000U Mobile Projector Specifications

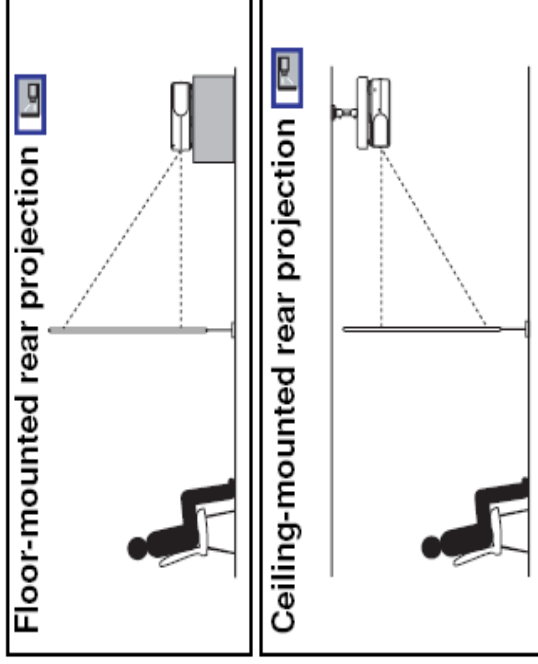
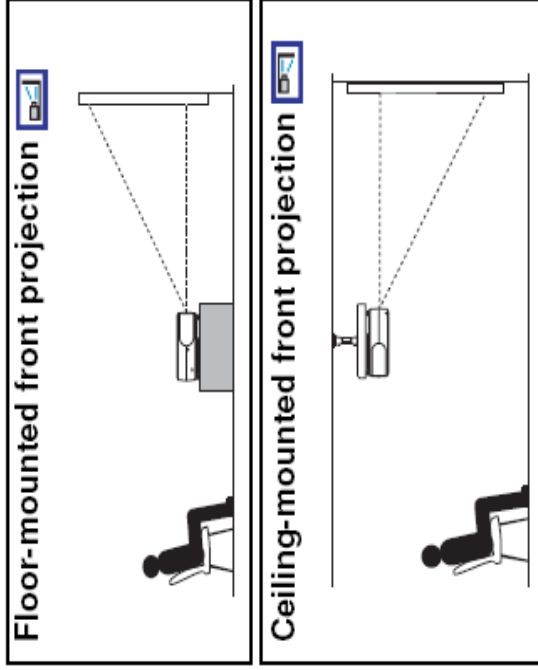
Model	TLP-XD2000U	
Display Technology	Shape	0.61" LCD
	No. of Pixels	786,432 (1024 x 768)
Projection Lens	Standard Lens	1.2x manual zoom/manual focus
	F/f (mm)	F = 1.6 - 1.881, f = 18.6 - 22.3mm
Light Source		180W (160W in low mode)
Brightness		2000 ANSI lumens
Native Resolution		XGA 1024 x 768
Projection Placement		Front, Rear, Ceiling Mounted Front/Rear Projection
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		600:1
Projection Screen Size (Diagonal)		33 - 300 inches
Projection Distance		3.9 ft - 30.0 ft
Compatible Scanning Frequency	Horizontal (kHz)	15.63 - 106.25kHz
	Vertical (Hz)	50 - 85Hz
Input Terminal	RGB	1 x D-sub 15
	Video	1x S-video; 1x RCA for Composite Video
	RGB Audio	1x stereo mini-jack
	Video Audio	1x RCA (L/R)
Input Signal Format	Video	NTSC, PAL, SECAM
	Color Difference	HDTV/DTV (480p/480i/576i/576p/720p/1080i)
	RGB	VGA, SVGA, XGA (native), SXGA (compressed), UXGA (compressed)
Output Terminal	Audio	1x stereo mini-jack (variable output)
	RGB	1x D-sub 15 terminal share with In/Out
Other Terminal	RS-232	1x RS-232 (mini DIN 8-pin)
Digital Keystone Correction		Auto Vertical +/- 30°
Special Features		Auto set, quick start, instant shut down, blackboard function, password protection, digital zoom, user logo, panel lock
Noise Level		34dB (29dB in low mode)
Internal Speaker		1.0W Monaural
External Dimensions (W x H x D)		11.3" x 3.6" x 9.7"
Weight		6.2 lbs.
Power Consumption		280W
Power Source		100-240V, 50/60Hz
Replacement Lamp		TLP-LW11
Box Contents	Remote control with batteries, Power cord, RGB cable, CD-ROM, User's Manual, Soft Carrying Bag	

***RoHS.** This projector is compatible with European Union Directive 2002/95/EC, Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS), which restricts use of lead, cadmium, mercury, hexavalent chromium, PBB, and PBDE. Toshiba requires its projector component suppliers to meet RoHS requirements and verifies its suppliers' commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.

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Placement Styles

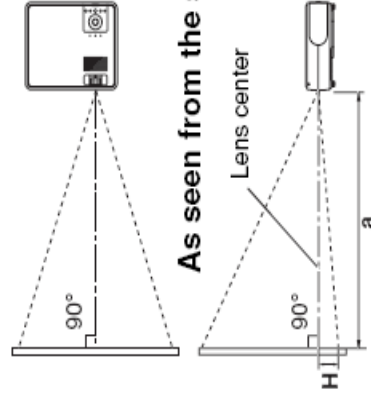
As shown in the figures below, this device can be placed in 4 different styles. The factory setting is “floor-mounted front projection.”



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 is the distance (ft) between the lens and the screen, and corresponds to a range of 3.9 ft to 29.9 ft. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 0.8786}{9.992}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 0.7244}{8.307}$$

projection size (cm)	projection distance a (m)		height (H) (m)
	min length (zooming max)	max length (zooming min)	
33	-	3.9	2.4
40	3.9	4.7	2.9
60	5.9	7.1	4.3
80	7.9	9.5	5.7
100	9.9	12.0	7.1
150	14.9	18.0	10.7
200	19.9	24.0	14.3
250	24.9	30.0	17.9
300	29.9	-	21.5