

Toshiba TLP-XC2000U Conference Room Projector

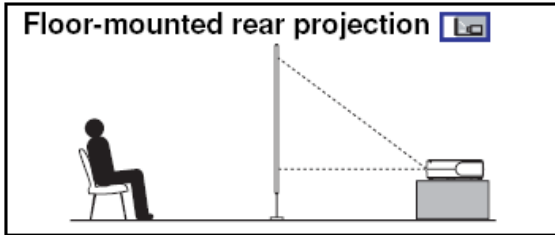
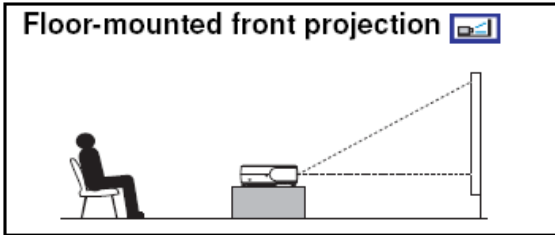
Model	TLP-XC2000U	
Display Technology	Shape	0.61" LCD
	No. of Pixels	786,432 (1024 Hx 768V)
Projection Lens	Standard Lens	1.2x manual zoom/manual focus
	F/f (mm)	F = 1.6 - 1.89, f = 18.6 - 22.3mm
Light Source		180W (160W in Eco mode)
Lamp Life		Up to 2000 hours (up to 3000 hours in Eco mode)
Brightness		2000 ANSI lumens
Native Resolution		XGA 1024 x 768
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		400:1
Projection Screen Size (Diagonal)		40 - 300 inches
Projection Distance		3.8 ft - 28.9 ft
Document Camera	Camera Lens	F= 3.0, f=9.6 mm
	Image Pick-Up Device	3-million pixel 1/2" color CMOS Sensor
	Pixels	QXGA (horizontal 2048 x vertical 1536)
	Focus adjustment	Manual
	Zoom adjustment	None (adjust with the distance from the object)
	White Balance	Auto/Lock
	Illumination	High brightness LED illumination
Compatible Scanning Frequency	Mechanism	Arm Type
	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)
Natural Color Enhancer3		Yes
Keystone Correction		Auto Vertical +/- 30°
Auto Set		Yes
Noise Level		36dB (31dB in low mode)
Internal Speaker		1.0W Monaural
External Dimensions (WxDxH)		14.6" x 9.8" x 3.6"
Weight		8.8 lbs.
Power Consumption		280W
Power Source		100-240V, 50/60Hz
Service Replacement Lamp		TLP-LW11
Warranty		2-year limited warranty on parts and labor. 90-day warranty on lamps.
Box Contents		Mouse remote control with laser pointer Mouse remote control receiver Two size AAA 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

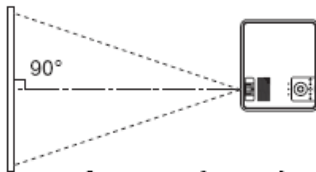
As shown in the figures below, this device can be placed in 4 different styles. The factory setting is “floor-mounted front projection.” Set the [Projection mode] in the Default setting 2 menu, in accordance with your needs. [p.43](#)



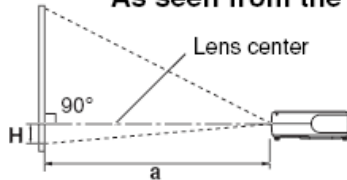
Projection Distance and Size

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 3.74 ft to 28.93 ft. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 0.9164}{10.036259}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 0.7525}{8.615477}$$

projection size (in)	projection distance a (ft)		height (H) (in)
	min length (zooming max)	max length (zooming min)	
33		3.74	2.6
40	3.77	4.56	3.2
80	5.70	6.88	4.8
100	9.56	11.52	8.0
150	14.39	17.32	12.0
200	19.21	23.13	16.0
250	24.04	28.93	20.0
300	28.86	-	24.0