

## Toshiba TLP-WX2200U Mobile Projector Specifications

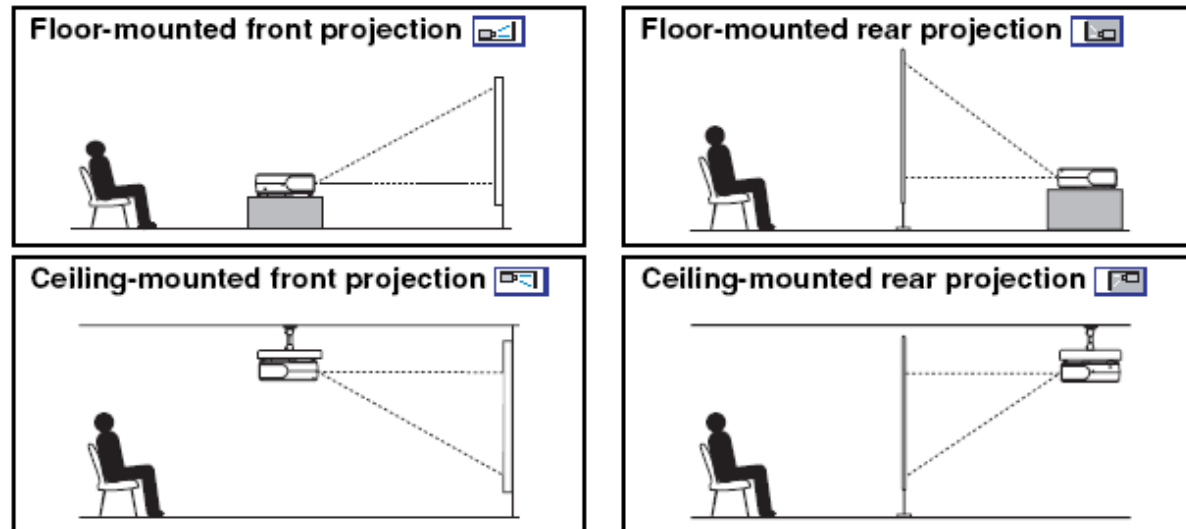
Model	Toshiba TLP-WX2200U*	
Display Technology	Shape	0.56" LCD
	No. of Pixels	1,024,000 (1280H x 800V)
Projection Lens	Standard Lens	1.2x manual zoom/manual focus
	F	F = 1.6 - 1.88, f = 18.84 - 22.61mm
Aspect Ratio		16:10 (4:3 switchable)
Light Source		205W (160W in low mode)
Brightness		2200 ANSI lumens
Native Resolution		WXGA 1280 x 800
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		600:1
Projection Screen Size (Diagonal)		40" - 300"
Projection Distance		4.2 ft - 32.4 ft
Throw Ratio		1.57 - 1.89:1
Compatible Scanning Frequency	Horizontal (kHz)	15.63 - 106.25kHz
	Vertical (Hz)	50 - 85Hz
Input Terminal	RGB	1 x D-sub 15-pin (shared as Component Video)
	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/UXGA (compressed)
Output Terminal	Audio	1x stereo mini-jack
	RGB	1x D-sub 15 terminal share with In/Out
Other Terminal	RS-232	1x RS-232 (mini DIN 8-pin)
Picture Color Enhancer		Toshiba Natural Color Enhancer3
Keystone Correction		Auto Vertical +/- 30 degrees
Auto Set		Yes
Noise Level		36dB (31dB 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 Source		AC100-240V, 50/60Hz
Power Consumption		305W
Replacement Lamp		TLP-LW11
Warranty		Two years parts and labor, 90-day warranty on lamps
Box Contents	Mouse remote control with laser pointer, Mouse remote control receiver, CD-ROM, Two AAA batteries, Power cord, RGB cable, User's Manual, Soft Carrying Bag	
Warranty	Projector: 2-Years Parts and Labor Standard Limited Warranty Lamp: 90 day Standard Limited Warranty or 500 hours, whichever comes first	

\*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. its suppliers' commitment to meeting RoHS requirements by conducting component sampling inspections during the product design approval process.

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## Placement Styles

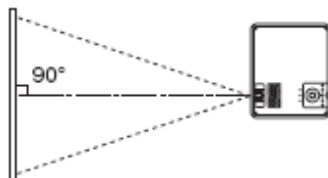
As shown in the figures below, this device can be placed in 4 different styles. The factory setting is “floor-mounted front projection.” Set the **[Projection mode]** in the **Default setting 2** menu, in accordance with your needs. [p.42](#)



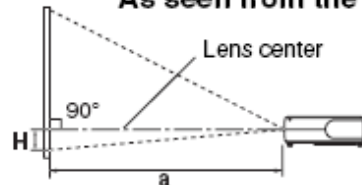
## Projection Distance and Size

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 (ft) between the lens and the screen, and corresponds to a range of 4.24 ft to 39.14 ft.  $H$  is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 0.9521}{9.218}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 0.7895}{7.644}$$

projection size (inches)	projection distance a (ft)		height (H) (in)
	min length (zooming max)	max length (zooming min)	
40	4.24	5.13	0.7
60	6.41	7.75	1.0
80	8.58	10.36	1.4
100	10.74	12.98	1.7
150	16.17	19.52	2.6
200	21.59	26.06	3.5
250	27.02	32.60	4.3
300	32.44	39.14	5.2