

Toshiba TDP-ET20U Multimedia DVD Projector Specifications

Model	TDP-ET20	
Display Technology	Panel	0.55" DMD DLP™
Projection Lens		Off set 130-degree
	F/f (mm)	F = 2.5 - 2.7, f = 7.56mm manual focus
Projection Format		16:9 switchable to 4:3
Light Source		230W
Brightness		1100 lumens
Native Resolution		Real Wide Panel 854 x 480 (480p)
Color Reproduction		Full 16.7 Million Colors
Contrast Ratio		2000:1
Projection Screen Size (Diagonal)		38" -134"
Projection Distance		1.6 ft - 6.2 ft
Compatible Scanning Frequency	Horizontal (kHz)	15 - 82kHz
	Vertical (Hz)	15 - 85Hz
Input Terminal	RGB	1x D-sub 15-pin
	Video	1x RCA for Composite Video, 1x S-Video
	Component Video	3x RCA jack
	RGB Audio	1x stereo mini-jack
	HDMI	1x HDMI
	Coaxial Audio In	1 x Coaxial Audio-in
Input Signal Format	Video	NTSC, PAL, SECAM
	HDTV	720p, 1080i
	Component Video	480p/480i/576p/576i
	RGB	WVGA (native), SVGA (compressed), XGA (compressed), SXGA (compressed)
Output Terminal	Coaxial Audio Out	1 x Coaxial Audio-out
Other Terminal	RS-232	1x DB9
Digital Keystone Correction		Vertical +/- 40°, Horizontal +/- 30°
Internal Speaker		Integrated 5.1 channel Dolby® digital surround
Noise Level		35dB (32dB in eco mode)
External Dimensions (WxDxH)		12.7" x 13.5 x 6.1"
Weight		10.6 lbs.
Power Source		100-240V, 50/60Hz
Power Consumption		340W
Replacement Lamp		TLPL-ET10
Box Contents		Remote control with batteries, Power cord, RGB cable, CD-ROM, User's Manual

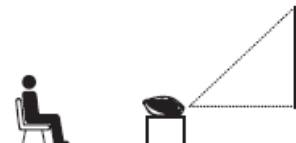
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Placement Styles

This device can be placed in some different placement styles. The factory setting is "floor-mounted front projection" although you can modify the setting according to your needs.

Set the **Projection mode** in accordance with your needs through remote control or control panel. enter **SETUP menu**.

Floor-mounted front projection (Standard)



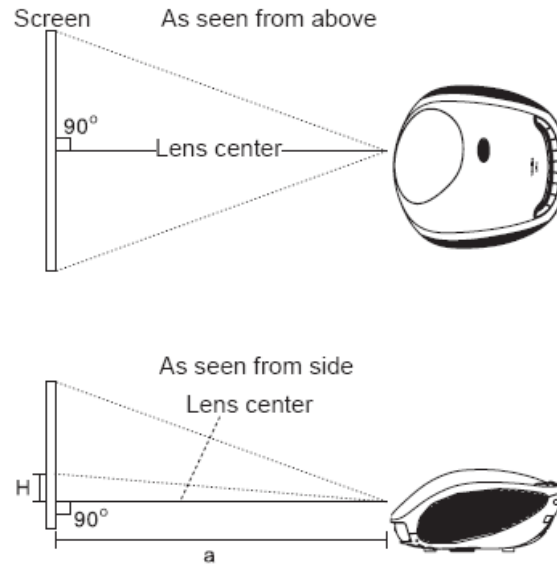
Floor-mounted rear projection (Rear)



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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.)



$$a \text{ (cm)} = \text{projection size (inches)} \times 1.433 - 13.32$$

$$H \text{ (cm)} = \text{projection size (inches)} \times 0.1868$$

“a” is the distance (cm) between front edge of the projector and the screen, and corresponds to a range of 40 cm to 177 cm. “H” is the height from the image bottom to the center of the lens.

projection size inches (=cm)	projection distance a (cm) [inches]	height (H) (cm) [inches]
	Edge of the projector to image	
40 (=101.6 cm)	44.0 [17.3]	7.5 [2.9]
50 (=127.0 cm)	58.3 [23.0]	9.3 [3.7]
60 (=152.4 cm)	72.7 [28.6]	11.2 [4.4]
80 (=203.2 cm)	101.3 [39.9]	14.9 [5.9]
100 (=254.0 cm)	130.0 [51.2]	18.7 [7.4]
120 (=304.8 cm)	158.6 [62.5]	22.4 [8.8]