



TDP-T250U

Innovative **by design.**

Performance.

Toshiba's TDP-T250U is a high performance projector designed to provide crisp, high-quality images while providing easy network remote management, whisper-quiet operation, and multimedia features that will impact large audiences with sharp displays and premium performance.

Powerful.

Designed to meet the demands of large-scale presentation venues, the TDP-T250U projector features 3,000 ANSI lumens, a 2000:1 contrast ratio, DLP™ technology and a native 1,024 x 768 XGA resolution. Extensive connectivity options and remote network management capabilities, including password protection and e-mail status notifications, make the TDP-T250U a powerful yet portable presentation tool.

Sharp and Bright

The Toshiba TDP-T250U projects text and images from a rich and vibrant color DLP™ display. Its impressive 3,000 ANSI lumens provide an exceptionally high level of brightness. Coupled with a native 1,024 x 768 XGA resolution and 2000:1 contrast ratio, the projector outputs superior image quality and performance for presentations in any setting, from the boardroom to the lecture hall.

Smart and Innovative Remote Network Management

Users can ensure flawless presentations with remote network management. The TDP-T250U can be networked and controlled remotely via a wired LAN connection, which also has password protection for maximum security. Users are given the flexibility to remotely control the projector over a network and can receive e-mail notifications of projector status.

Extensive Connectivity Options

Toshiba's TDP-T250U comes packaged in a sleek, high-tech casing with three computer inputs (one RGB 15-pin, one five-pin BNC and one DVI), two video inputs for composite, one S-video, three components (shared with computer inputs), two four-watt stereo speakers, and LAN connectivity. Other features unique to the TDP-T250U include variable audio out and picture-in-picture capability, allowing users to view more than one input source at a time, as well as a corner screen or side-by-side split screen.

Natural Color Enhancer

The TDP-T250U projector features Toshiba's unique Natural Color Enhancer color correction circuitry, delivering exceptionally sharp and vivid images.

Ease of Use

The Toshiba TDP-T250U features a digital horizontal and vertical keystone correction system, allowing presenters to adjust keystone errors quickly and easily. Images are projected crisply, even in the most unforgiving presentation situations. In addition, a conveniently placed lamp access on the top panel provides easy access to the lamp when it needs to be replaced, even when the projector is ceiling mounted.



Product Specifications

Display Technology

- Shape: 0.7" DMD DLP™
- Number of Pixels: 786,432 (1024 x 768)

Projection Lens

- Standard Lens: 1.2x manual zoom/manual focus
- F/f (mm): F = 2.4 - 2.6, f = 23 - 27.6mm

Light Source

- 300W

Brightness

- 3000 ANSI lumens

Native Resolution

- XGA 1024 x 768

Color Reproduction

- Full 16.7 Million Colors

Contrast Ratio

- 2000:1

Projection Screen Size (Diagonal)

- 40" - 300"

Projection Distance

- 4.3 ft - 39.7 ft

Throw Ratio

- 1.62 - 1.96:1

Compatible Scanning Frequency

- Analog RGB: fH: 15 - 120 kHz, fV: 30 - 150 Hz
- Digital RGB: fH: 30 - 93 kHz, fV: 50 - 93 Hz

Input Terminals

- RGB: x 1: D-sub 15 pin
- DVI: x 1: DVI-I
- Component Video: x 3: Shared with DVI / RGB / 5-BNC

- S-Video: x 1: S terminal
- Composite Video: x 1: RCA terminal
- RGB / DVI / BNC Audio: x 3: stereo mini jack
- Component/S-Video Audio: x 2: RCA x 2 (L/R)

Input Signal Format

- Video: NTSC, PAL, SECAM
- Color Difference: HDTV/DTV (720p/1080i/576i/576p/480p/480i), DVD
- RGB: VGA, SVGA, XGA (true), SXGA (compressed), UXGA (compressed), MAC

Output Terminal

- Audio: 1x stereo mini-jack (variable output)
- RGB: 1x D-sub 15 pin terminal

Other Terminal

- LAN: RJ45 (100Base-TX/10Base-T) for control
- PC Interface: RS-232C (DIN 9 pin)

Keystone Correction

- Vertical: Auto Vertical +/- 40°
- Horizontal: Manual Horizontal +/- 35°

Noise Level

- 34dBA standard (30dBA in low mode)

Internal Speaker

- 2 x 4-Watt Stereo

External Dimensions

- 13.4" (W) x 12.4" (D) x 4.5" (H)

Weight

- 10.8 lbs.

Power Consumption

- 390W

Power Source

- 100-240V, 50/60Hz

Replacement Lamp

- TLP-LW6

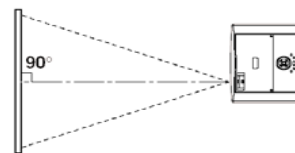
Standard Accessories

- Mouse Remote Control with Batteries and Laser Pointer
- Mouse Remote Control Receiver
- Power Cord
- RGB Cable
- Audio Cable (for Computer Input)
- Audio Cable (for Video Input)
- CD-ROM
- User's Manual
- Soft Carrying Bag

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.)

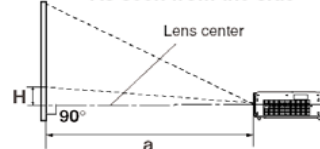
Screen As seen from above



$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.4596}{29.888}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.2084}{24.744}$$

As seen from the side



projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
30	-	1.29	6.8
40	1.29	1.57	8.2
60	1.96	2.38	12.3
80	2.63	3.18	16.5
100	3.30	3.99	20.6
150	4.97	6.01	30.9
200	6.64	8.03	41.1
250	8.32	10.05	51.4
300	9.99	12.08	61.7

a is the distance (m) between the lens and the screen, and corresponds to a range of about 1.3 m to 12.10 m. **H** is the height from the image bottom to the center of the lens.