

TDP-T45U



Compact.

Toshiba's TDP-T45U lightweight and easy-to-use mobile projector offers an impressive 2500 ANSI lumens, extraordinary multimedia capabilities and an extensive variety of connectivity options at an affordable price. This robust and compact multimedia projector is perfect for small-to-medium businesses, educators, mobile presenters, video gamers and weekend movie and sports enthusiasts.

Sharp and Bright Display

The Toshiba TDP-T45U mobile projector is ideal for presenters who demand quality, portability and flexibility without sacrificing performance. Toshiba's new projector features an impressive 2500 ANSI lumens, XGA 1024 x 768 resolution and a razor-sharp contrast ratio of 2000:1. The projector is ideal for both professional presentations in any setting as well as for home entertainment such as DVD movies, weekend sporting events and playing video games with larger-than-life images.

Reliable Image Quality

Toshiba's TDP-T45U mobile projector is intelligently designed with DLP® (digital light processing) image technology for quality and consistency on the screen. This proven technology combined with the unique features of the TDP-T45U provides impressive visual impact and superior clarity, brightness and color fidelity.

Easy Setup and Operation

Ready to use out of the box, Toshiba's TDP-T45U mobile projector includes a fully loaded remote control for stress-free, professional presentations. At only 6.6 pounds, the TDP-T45U is perfect for mobile professionals, educators, corporate customers, small-to-medium businesses or home users. Just plug the unit in, and you're ready to go.

Immediate Impression with Eye-Catching Design

A robust yet compact multimedia projector, the TDP-T45U complements its impressive capabilities with a sleek new design sure to grab attention before the presentation begins. Special features built into the eye-catching black casing include integrated data, video and audio capabilities, as well as 1-watt speaker for enhanced multimedia effects.



Product Specifications

Display Technology

- Shape: 0.55" DMD DLP®
- No. of Pixels: 786,432 (1024 x 768)

Projection Lens

- 1.2x manual zoom/manual focus
- F/f (mm): F = 2.0 - 2.2, f = 19.41 - 23.32 mm

Light Source

- 190W

Brightness

- 2500 ANSI lumens

Native Resolution

- XGA 1024 x 768

Color Reproduction

- Full 16.7 Million Colors

Contrast Ratio

- 2000:1

Projection Screen Size (Diagonal)

- 36" - 300"

Projection Distance

- 11.5 ft / 100-inch

Compatible Scanning Frequency

- Horizontal (kHz): 15.7 - 106.25kHz
- Vertical (Hz): 50 - 85Hz

Input Terminals

- RGB: 2x D-sub 15-pin (Component Video)
- Video: 1x RCA for Composite Video, 1x S-Video
- RGB Audio: 1x stereo mini-jack
- Video Audio: 2x RCA jacks (L/R)

Input Signal Format

- Video: NTSC, PAL, SECAM
- Color Difference: HDTV/DTV (480p/480i/576i/576p/720p/1080i)
- RGB: VGA, SVGA, XGA (true), SXGA (compressed), UXGA (compressed), MAC (MAC16, 19)

Output Terminal

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

Digital Keystone Correction

- Manual Vertical +/- 15°

Internal Speaker

- 1.0W Monaural

PC Interface

- RS232C (mini DIN-8 pin)

External Dimensions

- 11.2" (W) x 10.0" (D) x 3.8" (H)

Weight²

- 6.6 lbs.

Power Source

- 100-240V, 50/60Hz

Power Consumption

- 260W

Service Replacement Lamp

- TLP-LV8

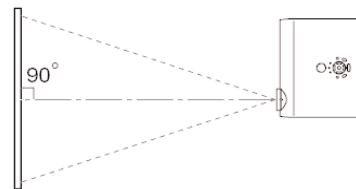
Box Contents

- Remote control with batteries
- Power cord
- RGB Cable
- CD-ROM
- User's Manual
- Soft Carrying Bag

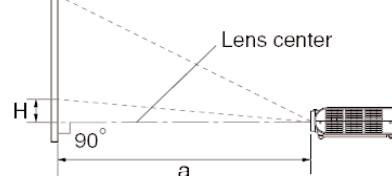
Projection Distance and Size

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**



As seen from the side



a is the distance (ft) between the lens and the screen, and corresponds to a range of 4.6 ft to 34.4 ft. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)}}{8.708}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)}}{7.507}$$

projection size (in)	projection distance a (ft)		height (H) (in)
	min length (zooming max)	max length (zooming min)	
40	4.6	5.3	1.6
60	6.9	8.0	2.3
80	9.2	10.7	3.1
100	11.5	13.3	3.9
150	17.2	20.0	5.9
200	23.0	26.6	7.8
250	28.7	33.3	9.8
300	34.4	-	11.7

