

Crisp, Brilliant Presentations – Even with
Live Documents or 3D Objects

Toshiba TLP-T60MU/T61MU Series Projectors

Bring presentations to brilliant, dynamic life with the new Toshiba TLP-T60MU/T61MU Series of projectors.

These lightweight, easy to use, feature-rich projectors deliver the performance you need in the office and on the road — in just about any setting. Plus, the Toshiba TLP-T61MU gives you the additional flexibility of a detachable document camera — a must for anyone who includes documents or objects in presentations.

Detachable Document Camera

Toshiba innovation delivered the first-ever projectors with detachable document cameras. With the Toshiba TLP-T61MU, you now can:

- Dramatically present details of new products from every angle.
- See the fine print in a document or the nuances of a photograph.
- Train or teach by illustrating with actual forms, tools, objects, or safety equipment.

Crisp and Bright Display

Impress your audience with 1,500 ANSI lumens and XGA 1024 x 768 resolution. The Toshiba TLP-T60MU/T61MU Series projectors also include special output connectors that let you display your presentation through a monitor while you're also projecting on a screen. These features give you the capability to make dynamic presentations in a wide range of venues.

Lightweight and Portable.

The Toshiba TLP-T60MU weighs just 5.1 lbs., and the TLP-T61MU weighs only 6.2 lbs, including the detachable camera. Both are packaged in sleek, two-toned casings as small as a 12" briefcase. So whether your presentations take you across the conference room or across the country, you can travel without heavy lifting.

Advanced multimedia features.

Integrated data and video capabilities, built-in manual zoom, and a built-in 1-watt speaker let you deliver memorable, high-impact presentations.

Easy to use, right out of the box.

One-touch auto setup and fully loaded remote ensure professional, worry-free presentations.

Present with the perfect tool — and stay within your budget.

The Toshiba TLP-T60MU/T61MU Series projectors offer an outstanding package of professional presentation features, yet are competitively priced.

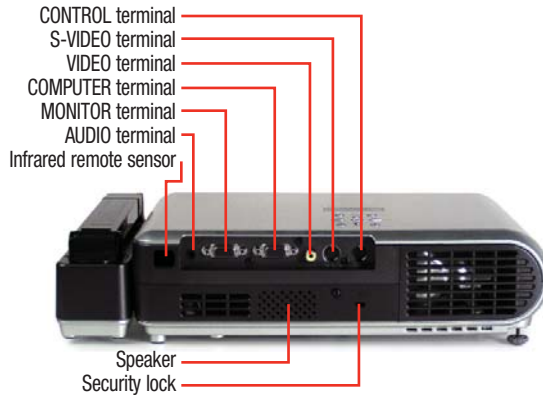
Part of a complete mobile solution from Toshiba.

The Toshiba TLP-T60MU/T61MU Series projectors are compatible with Toshiba's full line of notebook computers, PDAs, and other mobile products. With Toshiba behind you, you can run an office-quality operation from your briefcase.

**The first-ever detachable
document camera —
built-in flexibility for
dynamic presentations**



TOSHIBA



Projection Distance and Screen Size (with optical zooming)
 Use the figures, tables, and formulas below to determine the screen size and projection distance. (Screen sizes are approximate values for full-size picture with no keystone adjustment)

Screen **As seen from above**

Screen **As seen from the side**

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.4285}{30.68}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.1908}{25.574}$$
 a is the distance (m) between the lens and the screen, and corresponds to a range of 1.26 m to 9.73 m.

screen size (cm)	projection distance a(m)	
	min length (zooming max)	max length (zooming min)
40 (152)	1.26	1.52
60 (236)	1.91	2.30
80 (313)	2.56	3.08
100 (394)	3.21	3.86
150 (581)	4.84	5.82
200 (787)	6.47	7.77
250 (985)	8.10	9.73
300 (1182)	9.73	—

Specifications

Model		TLP-T60MU	TLP-T61MU
Display Technology	Shape	0.7" LCD x 3	
	No. of Pixels	786,432 (1,024 x 768)	
Projection Lens	Standard Lens	1.2x manual focus/manual zoom	
	F/f (mm)	F=2.0 - 2.3, f=23 - 27.4	
Light Source		165W	
Brightness		1500 ANSI lumens	
Native Resolution		XGA 1,024 x 768	
Color Reproduction		Full 16.7 Million Colors	
Contrast Ratio		400:1	
Projection Screen Size (Diagonal)		33 - 300 inches	
Projection Distance		4.1 - 31.9 ft	
Compatible Scanning Frequency	Horizontal (kHz)	15 - 93kHz	
	Vertical (Hz)	50 - 85HZ	
Video Input Terminal	Video Signal	2 channels (RCA x 1, S-Video x 1)	
	Color Difference Signal	1 channel (mini D-sub 15 x 1, shared with RGB signal)	
	Audio Signal	1 channel (stereo mini-jack x 1)	
RGB Input Terminal	Analog	1 channel (mini D-sub 15 x 1)	
Input Signal Format	Video Signal	NTSC, PAL, SECAM	
	Color Difference Signal	HDTV/DTV (480p/480i/720p/1070i), DVD	
	RGB Signal	VGA, SVGA, XGA, SXGA (compressed), UXGA (compressed)	
Output Terminal	RGB Signal	1 channel (D-sub 15 pin x 1)	
Automatic Keystone Correction		Digital +/- 15°	
Noise Level		37dBA (33dBA in economy mode)	
Internal Speaker		1.0W Monaural	
PC Interface		RS232C (mini DIN-8 pin)	
Digital Zoom	Computer Video (RGB)	Up to 10X	
	Component Video	Up to 3X	
External Dimensions (WxDxH)		11.9" x 8.1" x 3.3"	14.1" x 8.1" x 3.3"
Weight		5.1 lbs.	6.2 lbs.
Power Consumption		265W	
Power Source		100-240V, 50/60Hz	
Document Camera	Image pick-up device/Pixels	1/4.2-inch CCD/629,856 pixels (648H x 486V x 2)	
	Camera Lens	F=2.8, f= 2.8mm, two-step focus for "Far" or "Near" viewing	
Box Contents		Remote Control, Mouse Remote Control with Laser Pointer, Mouse Remote Control with IR Receiver, Power Cord, RGB Cable, Audio Cable for Computer, Audio Cable, Video Cable, Quick Reference, CD-ROM, Owner's Manual, Soft Carrying Case, Camera Extension Cable* (*only available for TLP-T61MU with document camera)	
Standard Limited Warranty		2-year on parts and labor including 90-day lamp warranty	

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