



TDP-TW300U

Powerful **by design.**

Brilliant.

The TDP-TW300U high performance projector features all the power and functionality that a large-scale presentation venue needs in a sleek and easy to use package.

Innovative.

The TDP-TW300U is designed to meet the demands of large-scale presentation venues such as auditoriums, training centers, lecture halls and large conference rooms. The projector features a vibrant display, special remote network management capabilities, and high-end multimedia functionality for presentations that will impact large audiences with sharp displays and premium performance.

Sharp and Bright

The Toshiba TDP-TW300U 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. With auto focus and ultra-wide 1.5x motorized zoom, coupled with a native 1,024 x 768 XGA resolution and a razor sharp contrast ratio of 2000:1, the projector offers superior image quality and performance for presentations in larger settings, from the boardroom to the lecture hall.

Smart and Innovative Wired and Wireless Local Network Capabilities

Users can ensure flawless presentations with remote network management. The TDP-TW300U can be networked and controlled remotely via a wired LAN connection, which also has password protection for maximum security. Network administrators are given the flexibility to remotely control the projector over a network and receive e-mail notification via SNMP (Simple Network Management Protocol) for issues related to temperature, fan and lamp status. The integrated IEEE 802.11b/g wireless functionality in the TDP-TW300U delivers fast set-up time and enables presenters to connect to the projector from anywhere in the room and deliver sequential presentations without the need for cables. The PC card slot also enables users "PC free" presentations that allow presentations to be stored on a PCMCIA type II storage card, eliminating the need for a PC.

Extensive Connectivity Options

Toshiba's TDP-TW300U integrates the data, video and audio features necessary for high-end multimedia presentations. The projector comes packaged in a sleek, high-tech casing with three computer inputs, two video inputs for composite and S-video, three components (shared with computer inputs), two four-watt stereo speakers, one type A USB port, and wired LAN and wireless connectivity. Other features unique to the TDP-TW300U 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-TW300U projector features Toshiba's unique Natural Color Enhancer color correction circuitry, delivering exceptionally sharp and vivid images that more closely match the original presentation colors.

Easy to Use

The Toshiba TDP-TW300U features an automatic two-way digital keystone correction system, allowing presenters to adjust keystone errors quickly and easily for a proportional, squared display. 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: 1.5x auto focus/motorized zoom
- F/f (mm): F = 2.4 - 3.0, f = 21 - 31.5mm

Light Source

- 300W

Brightness

- 3000 ANSI lumens

Native Resolution

- XGA 1024 x 768

Wireless Technology

- IEEE 802.11b/g

Color Reproduction

- Full 16.7 Million Colors

Contrast Ratio

- 2000:1

Projection Screen Size (Diagonal)

- 40" - 300"

Projection Distance

- 3.9 ft - 45.3 ft

Throw Ratio

- 1.47 - 2.23:1

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 / RBG / 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
- USB: 1 x USB (type A)
- PC Interface: RS-232C (DIN 9 pin)

Keystone Correction

- Auto Vertical/Horizontal +/- 45°

Noise Level

- 33dBA standard (29dBA in low mode)

Internal Speaker

- 2 x 4-Watt Stereo

External Dimensions

- 13.4" (W) x 13.0" (D) x 4.5" (H)

Weight

- 12 lbs.

Power Consumption

- 400W

Power Source

- 100-240V, 50/60Hz

Replacement Lamp

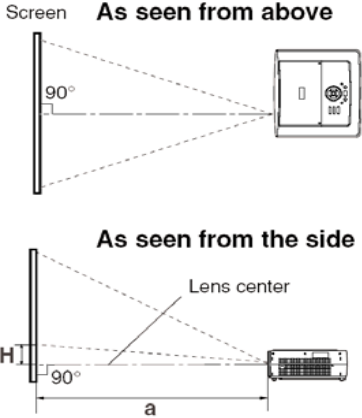
- TLP-LW6

Standard Accessories

- Mouse Remote Control with Laser Pointer and Batteries
- IR Receiver
- Power Cord
- RGB Cable
- Wirelless 802.11b/g PC LAN card
- 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.)



$a \text{ (min length)} = \frac{\text{projection size (inches)} - 1.552}{32.929}$

$a \text{ (max length)} = \frac{\text{projection size (inches)} - 1.0087}{21.735}$

projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
33	—	1.17	6.8
40	1.17	1.79	8.2
60	1.77	2.71	12.3
80	2.38	3.63	16.5
100	2.99	4.55	20.6
150	4.51	6.85	30.9
200	6.03	9.16	41.1
250	7.54	11.46	51.4
300	9.06	13.76	61.7

a is the distance (m) between the lens and the screen, and corresponds to a range of 1.17 m to 13.76 m. H is the height from the image bottom to the center of the lens.