



## TLP-XC2500U

### **Advanced.**

Toshiba's TLP-XC2500U LCD projector with integrated, advanced document camera offers maximum functionality, innovative technology, and value-added security features at an affordable price. With 2500 ANSI lumens in a compact form factor, the Toshiba TLP-XC2500U is perfect for mobile professionals, teachers and small-to-medium sized businesses.

### **Sharp and Bright Display**

Toshiba's TLP-XC2500U projector is ideal for presenters who demand quality, versatility and performance. Packaged in a compact form factor, the high-performance TLP-XC2500U features LCD technology, 2,500 ANSI lumens, native XGA 1024 x 768 resolution, and 400:1 contrast ratio to deliver bright, captivating images that can go anywhere, anytime.

### **Value-Added Security Features**

The TLP-XC2500U features a unique anti-theft device for extra security. The removable palm-sized control panel on the projector is specially designed with a self-assigned password for theft prevention. When the control panel is removed, the projector is no longer operable unless the password is entered on the remote control.

### **Eye-Catching Design and Extensive Multimedia Features**

Toshiba's sleekly designed TLP-XC2500U includes a host of multimedia capabilities and connectivity options such as composite and S-video inputs, audio in/out capabilities, and a special monitor output connector that allows users to view presentations from an external display in addition to what is projected on the screen.

### **Outstanding Image Quality and Performance**

The Toshiba TLP-XC2500U offers incredible power and flexibility from a lightweight projector. A full-featured performer, it also offers active monitor-loop through, user logo personalization, password and key-lock functions to prevent unauthorized usage, and an instant shut down feature, eliminating the wait for the projector to cool down before shutting down.

## Product Specifications

### Display Technology

- Shape: 0.63" LCD
- No. of Pixels: 786,432 (1024 x 768)

### Projection Lens

- Standard Lens: 1.2x manual zoom/manual focus
- F/f (mm): F = 1.6 - 1.88, f = 18.6 - 22.3mm

### Light Source

- 200W (160W in low mode)

### Brightness

- 2500 ANSI lumens

### Native Resolution

- XGA 1024 x 768

### Color Reproduction

- Full 16.7 Million Colors

### Contrast Ratio

- 400:1

### Projection Screen Size (Diagonal)

- 33 - 300 inches

### Projection Distance

- 3.8 ft - 28.9 ft

### Document Camera

- Camera Lens: F= 3.0, f=9.6 mm
- Image Pick-Up Device: 3-million pixel 1/2" color CMOS Sensor
- Pixels: QXGA (horizontal 2048 x vertical 1536)
- Focus adjustment: Manual
- Zoom adjustment: None (adjust with the distance from the object)
- White Balance: Auto/Lock
- Illumination: High brightness LED illumination
- Mechanism: Arm Type

### Compatible Scanning Frequency

- Horizontal (kHz): 15.63 - 106.25kHz
- Vertical (Hz): 50 - 85Hz

### Input Terminals

- RGB: 1 x D-sub 15
- Video: 1x S-video; 1x RCA for Composite Video
- RGB Audio: 1x stereo mini-jack
- Video Audio: 1x RCA (L/R)



### Input Signal Format

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

### Output Terminal

- Audio: 1x stereo mini-jack (variable output)
- RGB: 1x D-sub 15 terminal share with In/Out

### Other Terminals

- RS-232: 1x RS-232 (mini DIN 8-pin)

### Natural Color Enhancer3

- Yes

### Digital Keystone Correction

- Auto Vertical +/- 30°

### Auto Set

- Yes

### Noise Level

- 36dB (33dB in low mode)

### Internal Speaker

- 1.0W Monaural

### External Dimensions

- 14.6" (W) x 9.8" (D) x 3.6" (H)

### Weight<sup>1</sup>

- 8.8 lbs.

### Power Consumption

- 300W

### Power Source

- 100-240V, 50/60Hz

### Replacement Lamp

- TLP-LW11

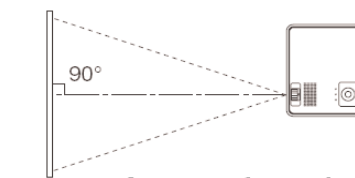
### Box Contents

- Mouse remote control with laser pointer
- Mouse remote control receiver
- Two size AAA batteries
- Power cord
- RGB cable
- CD-ROM
- User's Manual
- Soft Carrying Bag

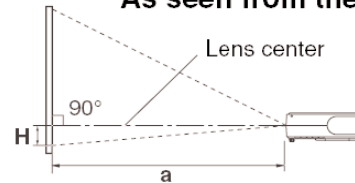
## Projection Distance and Size

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 (m) between the lens and the screen, and corresponds to a range of 3.74 ft to 28.93 ft. **H** is the height from the image bottom to the center of the lens.

$$a \text{ (min length)} = \frac{\text{projection size (inches)} - 0.9164}{10.036259}$$

$$a \text{ (max length)} = \frac{\text{projection size (inches)} - 0.7525}{8.615477}$$

projection size (in)	projection distance a (ft)		height (H) (in)
	min length (zooming max)	max length (zooming min)	
33		3.74	2.6
40	3.77	4.56	3.2
80	5.70	6.88	4.8
100	9.56	11.52	8.0
150	14.39	17.32	12.0
200	19.21	23.13	16.0
250	24.04	28.93	20.0
300	28.86	-	24.0