

# TOSHIBA

## Advantage Toshiba

- Easily connects to a VCR, DVD player or HDTV source
- Accepts HDTV (720p or 1080i) Component Video Signal
- Ultra lightweight, flexible design
- Projects an image up to 250" measured diagonally
- Optional ceiling mount and carrying case available

**TLP-MT3  
LCD Projector**



## Key Features

### VIDEO



Easy integration of video systems with a wide range of inputs, including NTSC, PAL, SECAM and HDTV

### CONVENIENCE



Auto Keystone Adjustment  
User Replacement Bulb  
Only 7.9 lbs.

### DIMENSIONS



318 x 232 x 87 mm  
12.5 x 9.2 x 3.4 inches

<http://www.toshiba.com/tacp> Customer Service: 800.631.3811

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TLP-MT3

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## TLP-MT3 LCD Projector

### Terms and Technology

#### VIDEO



#### ANSI Lumens

A measure of brightness defined as the light reflected off the surface of the object being viewed. Calculated in accordance with The American National Standards Institute (ANSI) guidelines, which include measuring the brightness of a projected image at 9 points within the screen and averaging the results. Provides an accurate indication of projector brightness.

#### Automatic Keystone Correction

Adjusts for the Keystone Effect - a trapezoidal skewing of a projected image, as when the bottom of an image appears smaller than the top. Found in all projectors, this results from the positioning of the projector's base at a lower level than the center of the screen, for an upward projection angle. With Automatic Keystone Correction, sensors detect the projector's angle in relation to the screen and correct for tilts of  $\pm 15$  degrees. Ensures rectangular images for more accurate, better quality projections.

#### Brightness

Measured in ANSI lumens and lux, for LCD projectors. The number of lumens indicates the brightness of the light emitted by a source such as an incandescent or fluorescent bulb. Lux (lx) refers to the brightness of the screen, as perceived by the human eye. Provides an accurate indication of image clarity and visibility.

#### Compression

Converts 1280 x 1024 dot SXGA signals or 1600 x 1200 dot UXGA signals to 1024 x 768 dot XGA signals by removing dots every few lines. The lines are then compressed to smooth transitions over the missing segments. Ensures a clean picture from lower resolution source materials.

#### Contrast Ratio

The proportion between the brightest and darkest section of an image. The higher the contrast ratio, the clearer the picture. Provides sharp, well-defined, and clear images.

#### Interlacing

Forms the 30 frames per second that make up a television image. Conventional TV images are interlaced: every frame is divided into two fields, each containing every other line of the image. When the two fields appear on screen together, they create one continuous image. Requires less bandwidth for broadcasting while retaining smooth, jitter-free motion.

#### LCD (Liquid Crystal Display) Projector

Uses LCD panels to create images, which are then enlarged to fill a screen. Most LCD panels are backlit and act as shutters to selectively block off light and create images. Three black-and-white panels are used and the white light from a lamp is separated into red, blue, and green beams. These beams are fed separately through the panels and then recombined to create the full color image. Provides rich colors and sharp contrast for a high quality picture.

#### Resolution

Indicates the degree of sharpness in a reproduced image. Usually expressed in terms of the number of lines (horizontal x vertical). The higher the resolution, the sharper the image.

Examples of Resolution:

VHS connected to

Composite Video 240 lines of resolution.

S-VHS connected to S-Video 400 lines of resolution.

S-VHS connected to DVD player 525 lines of resolution.

VGA Computer/Laptop

connected to RGB input 640x480 lines of resolution.

SVGA Computer/Laptop connected to RGB input 800x600 lines of resolution.

XGA Computer/Laptop connected to M1-DA input 1024x768

lines of resolution. Provides sharp, clear, and well-defined images.

#### Screen Gain

Indicates the degree of brightness of the image projected on the screen. The higher the screen gain, the brighter the screen. Provides accurate indication of image brightness.

### Specifications

800 x 600 Pixel Display, .9" Polysilicon LCDx3

Input Signals: Component input in EDTV format  
NTSC/PAL/SECAM  
SXGA (compressed)  
XGA (compressed)  
SVGA (real)  
VGA

800 ANSI Lumens Brightness

Projection Lens: Manual Focus & Zoom  
F=1.8-2.1/F=36-47mm (x1.3)

400:1 Contrast Ratio

23-250 inches Image Size (measured diagonally)

3.6 to 32.8 feet Projection Distance

120W UHP Lamp

Built-in 1 W Monaural Speaker Audio Output

Inputs: Y, Pb, Pr or RGB  
1 Audio for RGB: Stereo Minijack  
2 Video: RCA and S-video  
1 Audio for video: RCA L&R

Output: 1 RGB: D-sub mini 15 pins  
1 Audio: Stereo Minijack

100-240V AC, 50/60Hz Power Source

200W Power Consumption

Pearl White Color

Replacement Lamp: TLP-L8

1 Year Parts and Labor Warranty

UPC Code: 022265950791