

# TOSHIBA

## Advantage Toshiba

- 16 x 9 Native DLP™ Projector
- New High Contrast TI™ HD2 DMD DLP Chip
- 1280 x 720 resolution for true 720p HD performance
- New Carl Zeiss™ lens system for a sharp image at any distance
- New Faroudja™ (Sage) FL12300 DCDi+™ De-Interlacer/Scaler/Enhancer ensures a sharp, smooth, film-like image
- 1000 ANSI Lumens allows for optimum brightness in any environment
- 1400:1 Contrast Ratio ensures a sharper, deeper image with richer colors
- Projects an image up to 260" measured diagonally



## TDP-MT8U Digital Light Processing Projector



## Key Features

### VIDEO



DLP Technology  
6 Segment Color Wheel (5x, 300Hz, 9000 RPM)  
Automatic Digital Keystone Correction

### CONVENIENCE



Displays high-quality images in both widescreen (16x9) and conventional (4x3) modes.  
Manual Zoom and Focus  
Front, rear, and ceiling mounting  
User Replaceable Lamp  
DVI with High-Bandwidth Digital Content Protection (HDCP)

### DIMENSIONS



4.3" H x 13.8" W x 12.8" D  
9.5 Lbs

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

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82 Totowa Road, Wayne, NJ 07470 (09/02.01)

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## TDP-MT8U Projector

### Terms and Technology

#### VIDEO



#### Dual Mode Display

Optimized for 16:9 and 4:3 video display from DVD, Supports HDTV, Component Video (YPbPr) and standard NTSC, PAL, SECAM and anamorphic DVD.

#### DVI with HDCP Capability

DVI with HDCP input for digital video from DVI equipped sources

#### Faroudja™ (Sage) FL12300 DCDI+™

##### De-interlacer/Scaler/Enhancer

With Adaptive Luma/Chroma Enhancement & Scaler with Frame Rate Conversion ensures the most film like image from video sources.

#### 6-Segment, 5X Color Wheel

To reduce the "rainbow effect" in DLP™ projectors, the TDP-MT8 uses a color wheel with six segments to ensure natural, saturated colors with great contrast.

#### Digital Keystone Correction

To allow flexibility in installation and positioning, the MT8 can be placed above or below (+/-20 degrees) the screen with no image distortion.

DLP is a trademark of Texas Instruments Inc., TI is a trademark of Texas Instruments Inc., SRS is a registered trademark of SRS Labs, Inc., DCDI+ is a trademark of Faroudja Laboratories, Inc, a division of Genesis Microchip Inc., Carl Zeiss is a trademark of Carl Zeiss, Inc. Product design and specification subject to change or modification without notice. TheaterWide is a registered trademark of Toshiba America Consumer Products.

### Specifications

**DLP™ Chip** - New High Contrast TI HD2 DMD, 16:9 Native with 12 Degree Mirror Tilt & New Dithering Algorithm for Improved Brightness, Contrast and Color Accuracy.

**ANSI Lumens** - 1000

**Contrast Ratio** - 1400:1

**Lens System** - New High Focus Carl Zeiss™ All-Glass Lens System with Manual Focus Ring. 116 Degree Image Offset allows Higher Placement

**Color Wheel** - New 6 Segment, 5X, 300Hz, 9000 RPM with Auto Calibration

**Lamp** - 250 W, UHP, 1500H Life with Anti-Flicker Circuitry

**Configuration** - New Prism-Less Sealed Optical Architecture for Better Brightness, Uniformity and Contrast.

**Projection Distance** - 5'(short throw) to 32'(long throw)

**Zoom Ratio** - 1.4:1

**Throw Ratio** - .48 ~ .67

**Operation Noise** - 35dB (low power), 37 dB (high power)

**Scanning Frequency** - 21- 91kHz (H), 50 - 85kHz (V)

**Dot Clock** - 135Mhz

**Colors** - 16.7 Million

**Projection Modes** - Front, Rear, Ceiling

**TheaterWide® Modes** - (Enhanced, WideScreen, Anamorphic)

**Video Input Signals** - NTSC, PAL, SECAM, 480p, 546p, 720p, 1035i, 1080i, 1080p (480p input will bypass de-interlacer, 720p will bypass de-interlacer/scaler)

**Computer Input Signals** - VGA~SXGA+

**Input Terminals** - DVI with HDCP (1), Component Video (2 - Gold RCA -Y,Pr,Pb), S-Video (2), Composite Video (1), 15 Pin D-Sub (1), D-Terminal (1-Component)

**Control Terminals** - RS232 (1- 9 Pin Male D-Sub), 12V Screen Trigger (2 - 3.5mm Mini-Jack - Screen Drop and 4x3 Aspect Curtains)

**Picture Memory Settings** - Individual Settings by Input, Plus 3 User Memories

**Discrete I/R Codes** - Complete Code List, Including Power On and Off, Inputs, Picture Settings

**Gamma Control** - 3 De-Gamma Levels: Film, Video, PC, Dynamic Gamma (On or Off)

**Sharpness Control** - Sharpest, Sharper, Standard, Softer, Softest

**Color Temperature Control** - 6500K (Default)/8200K/9300K, Plus 1 User Definable Mode with Gain and Bias Adjustment.

**Cabinet** - Slim Pearl White (Low Light Leakage Design)

**Power Consumption** - 350W

**Power Source** - 100 - 240V (50/60Hz)

**Remote Control** - Illuminated Remote Control

**Options** - Cable Cover and Ceiling Mount

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