

## TX542 – Multimedia Projector

### Best in Class

Optoma's TX542 is designed to meet the demanding requirements of school districts and businesses. Bright, high contrast images provide easy-to-read text, and the built-in closed captioning decoder displays text from videos that have closed captioning embedded in the signal. Wired networking allows remote management and control of the projector, and a built-in 10-watt speaker system outputs volume required for larger audiences. Optoma backs the TX542 with 3 years of Express Replacement Service and a one year lamp warranty to provide added peace of mind.



### Features

- Easy-to-read text – bright at 2800 ANSI lumens and high 3000:1 contrast ratio
- Broadcast messages to projector over the network
- Eco-friendly low power consumption – sub-one watt standby mode
- Remote management and control via RS-232 or RJ45
- Protect your investment – built-in security bar, control panel lock, logo display at start-up and user-selectable password
- Built-in closed captioning

### Specifications

#### Display Technology

Single 0.55" DMD DLP®  
Technology by Texas Instruments

#### Resolution

Native XGA (1024 x 768)

#### Maximum Resolution

UXGA (1600 x 1200)

#### Brightness (Typical)

2800 ANSI Lumens

#### Contrast Ratio

3000:1 (Full On/Full Off)

#### Lamp Life and Type

4000/3000 Hours (STD/Bright)  
180W P-VIP

#### Throw Ratio

1.6 to 1.92:1 (Distance/Width)

#### Projection Distance

3.93' to 32.8' (1.2 to 10m)

#### Image Size (Diagonal)

30" to 307" (0.92 to 9.21m)

#### Aspect Ratio

4:3 Native, 16:9 and 16:10  
Compatible

#### Remote Control

Fully Featured IR Remote with  
Mouse and Laser Pointer

#### Audio

Two 5-Watt Stereo Speakers

#### Displayable Colors

1.07 Billion

#### Offset

115%

#### Uniformity

85%

#### Computer Compatibility

UXGA, WXGA, SXGA+, SXGA, XGA,  
SVGA, VGA Resized, VESA, PC and  
Macintosh Compatible

#### Video Compatibility

NTSC, PAL, SECAM, SDTV (480i),  
EDTV (480p), HDTV (720p, 1080i/p)

#### Horizontal Scan Rate

15.3 to 91.1 KHz

#### Vertical Refresh Rate

25 to 85 Hz

#### Keystone Correction

±40° Vertical

#### Loop Through

Monitor: D-Sub 15-Pin VGA Output  
Audio: Stereo Mini-Jack Output  
(Functional in Both Normal and  
Standby Modes)

#### Projection Lens

F= 2.4-2.66, f= 18.2-21.8mm,  
1.2x Manual Zoom and Focus

#### User Controls

Complete On-Screen Menu  
Adjustments in 23 Languages

#### I/O Connectors

HDMI, Two VGA-In, VGA-Out,  
S-Video, Composite Video, Three  
Stereo Audio-In, Stereo Audio-Out,  
RJ45, RS-232 and USB

#### Security

Kensington® Lock, Security Bar and  
Keypad Lock

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

6.4 lbs (2.9kg)

#### Dimensions (W x H x D)

12.76" x 3.82" x 9.21"  
(324 x 97 x 234 mm)

#### Noise Level (STD/Bright)

29dB/34dB

#### Operating Temperature

41 to 104°F (5 to 40°C), 80% Max  
Humidity

#### Power Supply

AC Input 100-240V, 50-60Hz,  
Auto-Switching

#### Power Consumption

255 Watts (Bright), 233 Watts (STD),  
<1 Watt (Standby)

#### Warranty

3 Years Optoma Express  
Replacement Service, 1 Year on  
Lamp

#### Standard Accessories

AC Power Cord, VGA to VGA Cable,  
Remote Control, Batteries for  
Remote, USB Cable, Carrying Case,  
Lens Cap, CD-ROM User's Manual,  
Quick Start Card and Warranty Card

#### Optional Accessories

Wireless Dongle, Ceiling Mount,  
HDMI Cable, VGA to Component  
Cable, S-Video Cable, Composite  
Video Cable, RS-232 Cable and  
Panoview™ Series Screens

#### UPC

796435 41 127 5

#### Accessory Part Numbers

Lamp: BL-FP180E  
Remote: BR-5030L  
Mount: BM-5001U  
Case: BK-4028

