

## TS542 – Multimedia Projector

### Best in Class

Optoma's TS542 is designed to meet the demanding requirements of school districts and businesses. Bright, high-contrast images provide easy-to-read text, while the built-in closed captioning decoder displays text from videos with closed captioning embedded in the signal. Wired networking allows remote management and control of the projector, and a two-watt speaker offers solid sound performance for small and mid-sized groups. Optoma backs the TS542 with three years of Express Replacement Service and a one-year lamp warranty for added peace of mind.

**3D content can be viewed with active LCD shutter glasses when the projector is connected to a computer with a compatible 3D graphics card. Please visit [www.optoma.com](http://www.optoma.com) for more information.**

### Features

- Easy-to-read text – Bright at 2800 ANSI lumens and high 3000:1 contrast ratio
- Broadcast messages to the 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 SVGA (800 x 600)

#### Maximum Resolution

UXGA (1600 x 1200)

#### Brightness (Typical)

2800 ANSI Lumens

#### Contrast Ratio

3000:1 (Full On/Full Off)

#### Lamp Life and Type

6000/5000 Hours (STD/Bright)  
180W P-VIP

#### Throw Ratio

1.6 to 1.92:1 (Distance/Width)

#### Projection Distance

3.28' to 32.8' (1.2 to 10m)

#### Image Size (Diagonal)

22.9" to 252" (0.58 to 6.4m)

#### Aspect Ratio

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

#### Remote Control

Full-Featured IR Remote with Mouse and Laser Pointer

#### Audio

2-Watt Stereo Speaker

#### Displayable Colors

1.07 Billion

#### Offset

115%

#### Uniformity

85%

#### Keystone Correction

±40° Vertical

#### 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)

#### 3D Compatibility

120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 480i

#### Horizontal Scan Rate

15.3 to 91.1 KHz

#### Vertical Refresh Rate

25 to 120 Hz

#### 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,  
1.1x 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, Stereo Audio-In, Stereo Audio-Out, 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/31dB

#### 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-Eco)

#### 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

#### Warranty

3-Year Optoma Express Replacement Service,  
1-Year on Lamp

#### UPC

796435 41 689 8

#### Accessory Part Numbers

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

