



Key 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



Best in Class Optoma's TX542-3D 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 TX542-3D with 3 years of Express Replacement Service and a one year lamp warranty to provide 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.

Detail Specifications

Display Technology
Single 0.55" DMD DLP®
Technology by Texas
Instruments

Resolution
Native XGA (1024 x 768)

Maximum Resolution
UXGA (1600 x 1200)
1080p (1080 x 1920)

Brightness
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
3.93' 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
10-Watt Stereo Speakers

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)

Horizontal Scan Rate
15.3 to 91.1 KHz

Vertical Refresh Rate
24 to 85 Hz, 120Hz

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

3D Compatibility

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

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)

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, DLP Link 3D
Glasses

Warranty

3 Years Optoma Express
Replacement Service, 1 Year on
Lamp

UPC

796435 41 178 7

Accessory Part Numbers

Lamp: BL-FP180E
Remote:BR-5030L
Mount: BM-5001U
Case:BK-4028
Wireless Dongle: BI-EXTGB02