

TX542-3D – Multimedia Projector

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. Please visit 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 XGA (1024 x 768)

Maximum Resolution

UXGA (1600 x 1200) &
1080p (1080 x 1920)

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

3.93' 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)

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

24 - 85Hz, 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,
1.2x 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/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, 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



* Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.