

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)

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
Two 5-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
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,
1.2x 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),
Max Humidity
80%

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

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-EXTGB

