

TX551 – Multimedia Projector

Bring Punch to Presentations

The Optoma TX551, a 2800 lumen XGA projector with a robust 3500:1 contrast ratio, gives presenters the only tool they need to deliver detailed and effective presentations. Easily portable at less than five pounds, the TX551 goes wherever you need to take it. Educators and business users alike will appreciate the connectivity flexibility offered by the HDMI connector and 3D-capability that supports delivery of emerging content offerings from a broad range of input sources.



Features

- Brightness at 2800 ANSI lumens and 3500:1 high contrast ratio
- 3D-capable
- Power saving eco-friendly at <0.5 watt
- Top-loading lamp design streamlines replacement

Specifications

Display Technology

Single 0.55" DC3 DMD DLP® Technology by Texas Instruments

Resolution

Native XGA (1024 x 768)

Maximum Resolution

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

Brightness (Typical)

2800 ANSI Lumens

Contrast Ratio

3500:1 (Full On/Full Off)

Lamp Life and Type

6000/5000 Hours (Eco/Normal)
180W P-VIP

Throw Ratio

1.97 to 2.17 (Distance/Width)

Projection Distance

3.94' to 39.4' (1.2 to 12m)

Image Size (Diagonal)

30" to 300" (0.76 to 7.62m)

Aspect Ratio

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

Remote Control

IR Remote with Laser Pointer

Audio

2-Watt Stereo Speaker

Displayable Colors

1.07 Billion

Offset

115% ±5%

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,
1.1x 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, Audio-In, Audio-Out, RS-232 and USB Type B

Security

Kensington® Lock, Security Bar and Keypad Lock

Projection Method

Front, Rear, Ceiling Mount, Table Top



Weight

4.9 lbs (2.2kg)

Dimensions (W x H x D)

11" x 9.06" x 3.03"
(279 x 230 x 76.96 mm)

Noise Level (STD/Bright)

28dB/30dB

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 (Normal), 230 Watts (ECO),
<0.5 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

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-Year Optoma Express Replacement Service,
1-Year Lamp

UPC

796435 81 134 1

Accessory Part Numbers

Lamp: BL-FP180F
Remote: BR-30572
Carrying Case: BK-4018