

TS551 – Multimedia Projector

Deliver Detail to Grab Your Audience

The Optoma TS551, a 2800-lumen SVGA projector with a robust 3500:1 contrast ratio, lets presenters deliver detailed and effective presentations that impact audiences. Compact at less than five pounds, this projector can be easily moved to wherever it's needed. 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 <0.5W
- Top-loading lamp design streamlines replacement

Specifications

Display Technology
Single 0.55" DC3 DMD DLP®
Technology by Texas Instruments

Resolution
Native SVGA (800 x 600)

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 on Lamp

UPC
796435 81 133 4

Accessory Part Numbers
Lamp: BL-FP180F
Remote: BR-3057L
Carrying Case: BK-4018

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