



Key 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

The Optoma DX551, 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 DX551 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 3D content.

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 (1920 x 1080)

Brightness
 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)

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 File 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

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, Carrying
Case, CD-ROM User's Manual,
Quick Start Card and Warranty
Card

Optional Accessories

USB Cable, Ceiling Mount, VGA
to Component Cable, S-Video
Cable, Composite Video Cable,
RS-232 Cable and Panoview™
Series Screens Remote Control
with Laser Pointer, DLP Link 3D
Glasses

Warranty

2 Years Limited Parts and
Labor, 1 Year on Lamp

UPC

796435 81 132 7

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

28dB/30dB

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

Accessory Part Numbers

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