

DS550 – Multimedia Projector

Bring Presentation Success Along

The Optoma DX550 brings together all of the features that business presenters need, including 2600 ANSI lumens of brightness, SVGA resolution and 3000:1 contrast ratio. Weighing in at less than five pounds, this powerful projector is a take-along size that lets presenters ensure effective presentations wherever they go. This robust feature promises that you can deliver detailed presentations that capture audiences and deliver information with high impact. Educators and business users alike will appreciate the 3D capabilities, which support use of the projector with emerging 3D content offerings.

Features

- Brightness at 2600 ANSI lumens and 3000:1 high contrast ratio
- 3D-capable
- Built-in closed captioning
- Power saving eco-friendly at <0.5 watt
- Logo capture feature

Specifications

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

Resolution
Native SVGA (800 x 600)

Maximum Resolution
UXGA (1600 x 1200)

Brightness (Typical)
2600 ANSI Lumens

Contrast Ratio
3000:1 (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

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
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, VGA to
Component Cable, S-Video
Cable, Composite Video
Cable, RS-232 Cable and
Panoview™ Series Screens
Remote Control with
Laser Pointer

Warranty
1-Year Limited Parts and
Labor, 90-Day Lamp

UPC
796435 41 729 1

* 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.