Optoma
Projector Expert

DX550 – Multimedia Projector

Compact and Best for Business

The Optoma DX550 packs a lot of projection power into a compact package with 2600 ANSI lumens of brightness, XGA resolution and 3000:1 contrast ratio. This robust feature set lets presenters deliver detailed and effective 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 <0.5W
- Logo capture feature

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)

Brightness (Typical)
2600 ANSI Lumens

Contrast Ratio
3000:1 (Full On/Full Off)

Lamp Life and Type
6500/6000/5000 Hours (Dynamic Eco/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 41 730 7

Pre-Launch

* 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.

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