

EX551 DLP® Projector



DIGITAL CONNECTIVITY

Simple connectivity to your projector via HDMI; one cable gives you a clear projected image and audio.



BRIGHTNESS WHERE IT MATTERS

You can project even if there is ambient light in the room. The XGA resolution EX551 delivers an impressive 2800L, ensuring that even during the day everyone can clearly see the projected image.



COST SAVING – LONG LAMP LIFE

Reduce the number of lamp changes with lamp life of up to 6000 hours².

The lamp is conveniently located so that it can be changed without removing the projector from a ceiling mount – saving you time and money.



CLEAR, FOCUSED PROJECTION

High contrast ratio, 5000:1 for a crystal clear viewing experience. Ensure you have your audience's attention during a presentation with crisp whites and ultra-rich blacks making text and graphs easier to read. Bring images and video alive on the big screen for a fantastic viewing experience.



PROJECTION THAT LASTS

Optoma 5 year colour and imager guarantee means you can rest assured that the image performance will not degrade compared to other leading technologies. Enjoy lasting projection year after year!



Astonishing image quality to give a perfect projection



FUTURE PROOF TECHNOLOGY

Project 3D in your home, classroom or meeting room to engage and inspire your audience.

Project 3D from a compatible computer or add the optional 3D-XL 3D Projector Adaptor and experience 3D TV broadcasts, Blu-Ray 3D™ movies and 3D games from Sony® PS3 or Microsoft® Xbox 360.

The Optoma 3D-XL is available separately.



AUDIO PERFORMANCE

Convenient audio from the built-in 2W speaker, or connect to an external audio system with the dedicated audio output.



PRESENTATION PARTNER

Run your presentation from the projector remote control. Use the page up/down button to change slides or the mouse control to take control of the mouse functions remotely (USB cable must be connected from the computer to the projector).



PORTABLE

The supplied carry case enables convenient protection and portability when the projector is not in use.



EX551 SPECIFICATIONS

| | |
|---------------------------------------|---|
| Native Resolution | XGA 1024 x 768 |
| Max Supported Resolution | UXGA (1600 x 1200) |
| Display Technology | Single 0.55" XGA DC3 DMD chip DLP® Technology by Texas Instruments |
| Brightness - BRIGHT mode ¹ | 2800 ANSI Lumens |
| Contrast Ratio | 5000:1 |
| Lamp Life ² | 6000/5000 (ECO/BRIGHT mode) |
| Noise Level | 28dB (ECO mode) |
| Weight / Dimensions (W x D x H) | 2.2 kg / 280 x 230 x 77mm |
| Inputs | HDMI (HDCP) - audio supported 2 x 15 Pin D-Sub VGA S-Video 4 Pin Mini Din Composite RCA 3.5mm Audio Mini Jack USB (remote mouse) |
| Control | RS232 - 9 Pin D-sub |
| OUTPUT | 15 Pin D-Sub VGA 3.5mm Audio Mini Jack |
| Audio | 2W Speaker |
| Aspect Ratio | 4:3 Native, 16:9 Compatible |
| On Screen Display | 18 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Arabic & Farsi |
| Video Compatibility | PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p |
| Uniformity | 85% |
| Displayable Colours | 1073.4 Million |
| Horizontal Scan Rate | 15.3 - 91.1kHz |
| Vertical Scan Rate | 24 - 85Hz |
| Projection Lens | F/2.51 ~ 2.69; f=21.95~24.18mm, 1.1x Manual Zoom |
| Projection Distance | 1.2 - 12m |
| Image Size | 0.69 - 7.62m (27.24" to 300.04") Diagonal 4:3 |
| Throw Ratio | 1.97 - 2.17:1 (Projection Distance:Image Width) |
| Keystone Correction | ± 40° Vertical |
| Operating Conditions | Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max) |
| Power Supply | 100 - 240V, 50 - 60Hz |
| Power Consumption | 233W BRIGHT mode < 0.5W Standby mode 207W ECO mode < 0.5 Standby mode |
| Security | Security Bar, Kensington Lock Port, Password Protection |
| Standard Accessories | Soft Carry Bag, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card |
| RoHS | Compliant |
| Lamp Warranty | 1 year or 2000 hours - whichever comes sooner |
| Warranty | Warranty may vary by country. Please see www.optoma-europe.com or ask your local supplier for details |
| Colour Guarantee ³ | 5 Years |
| Imager Guarantee ⁴ | 5 Years |
| 3D Support | 120Hz frame sequential 3D for resolutions up to 720p. 60Hz field sequential 3D for resolutions up to 480i |
| 3D Viewing | Requires Optoma DLP® Link™ ZD201 glasses - sold separately |
| 3D Compatibility | The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. Support for 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 will require the Optoma 3D-XL that is available separately. |

EASY TO USE REMOTE CONTROL

EX551 Remote Control

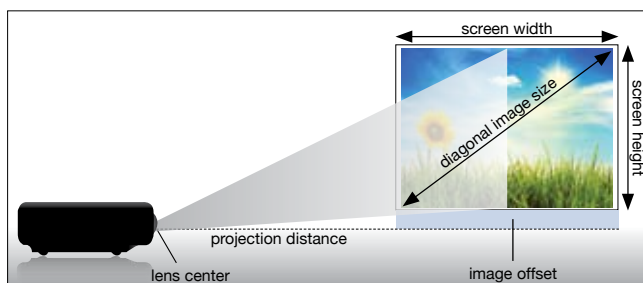
- 1 Power
- 2 Enable Mouse Control
- 3 Mouse Control
- 4 Vertical Keystone Correction
- 5 Volume Control
- 6 Direct Input Source Selection
- 7 Freeze
- 8 AV Mute
- 9 Page Up/Down Control
- 10 3D Control



EX551 Connections

- 11 Audio In
- 12 HDMI (audio supported)
- 13 S-Video
- 14 VGA 1 - Component
- 15 RS232
- 16 USB (Remote Mouse)
- 17 Audio Out
- 18 Video
- 19 VGA 2
- 20 VGA Out
- 21 Kensington™ Lock

Exceptional Connectivity / Multiple Terminals



EX551 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

| Projection Distance (m) | Max Screen Width (m) | Min Screen Width (m) | Max. Screen Height (m) | Min. Screen Height (m) | Min Diagonal Image Size (m) | Max Diagonal Image Size (m) | Min Diagonal Image Size (inch) | Max Diagonal Image Size (inch) | Max. Image Offset (m) |
|-------------------------|----------------------|----------------------|------------------------|------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|-----------------------|
| 1.20 | 0.61 | 0.55 | 0.46 | 0.42 | 0.69 | 0.76 | 27.24 | 30.00 | 0.07 |
| 2.00 | 1.02 | 0.92 | 0.76 | 0.69 | 1.15 | 1.27 | 45.40 | 50.01 | 0.11 |
| 2.50 | 1.27 | 1.15 | 0.95 | 0.87 | 1.44 | 1.59 | 56.75 | 62.51 | 0.14 |
| 3.00 | 1.52 | 1.38 | 1.14 | 1.04 | 1.73 | 1.91 | 68.10 | 75.01 | 0.17 |
| 4.00 | 2.03 | 1.84 | 1.53 | 1.39 | 2.31 | 2.54 | 90.80 | 100.01 | 0.23 |
| 5.00 | 2.54 | 2.30 | 1.91 | 1.73 | 2.88 | 3.18 | 113.50 | 125.02 | 0.29 |
| 6.00 | 3.05 | 2.76 | 2.29 | 2.08 | 3.46 | 3.81 | 136.19 | 150.02 | 0.34 |
| 7.00 | 3.55 | 3.23 | 2.67 | 2.43 | 4.04 | 4.45 | 158.89 | 175.03 | 0.40 |
| 8.00 | 4.06 | 3.69 | 3.05 | 2.77 | 4.61 | 5.08 | 181.59 | 200.03 | 0.46 |
| 9.00 | 4.57 | 4.15 | 3.43 | 3.12 | 5.19 | 5.72 | 204.29 | 225.03 | 0.52 |
| 10.00 | 5.08 | 4.61 | 3.82 | 3.46 | 5.77 | 6.35 | 226.99 | 250.04 | 0.57 |
| 11.00 | 5.58 | 5.07 | 4.20 | 3.81 | 6.34 | 6.99 | 249.69 | 275.04 | 0.63 |
| 12.00 | 6.09 | 5.53 | 4.58 | 4.16 | 6.92 | 7.62 | 272.39 | 300.04 | 0.69 |

For guide purposes only

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¹Brightness and lamp lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. ²Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. ³Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be voided in industrial or commercial entertainment environments where dust or smoke is excessive. (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time worn lamps within all projector types will show a slight colour variance. ⁴Optoma guarantees that in normal use, the DLP® imager will retain image quality for at least 5 years and provide consistent pixel performance. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be voided in industrial or commercial environments where dust or smoke is excessive. Copyright © 2011, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. Some images may be simulated.