

ES550 DLP® Projector



BRIGHTNESS WHERE IT MATTERS

You can project even if there is ambient light in the room. The SVGA resolution ES550 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.



COLOUR GUARANTEE

We are so confident that the ES550 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years. Enjoy lasting projection year after year!

Size matters..... Project up to 300” at home for the big screen cinema experience



FUTURE PROOF TECHNOLOGY

Using the inherent speed of DLP® technology, Optoma 3D Ready projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D from a compatible computer.



AUDIO PERFORMANCE

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



PORTABLE

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



ES550 SPECIFICATIONS

Native Resolution	SVGA 800 x 600	
Max Supported Resolution	UXGA (1600 x 1200)	
Display Technology	Single 0.55" SVGA 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	2 x 15 Pin D-Sub VGA	Component via adaptor
	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	0.69m – 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	6 months or 1000 hours - whichever comes sooner	
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details	
Colour Guarantee ³	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 from a computer.	

EASY TO USE REMOTE CONTROL

ES550 Remote Control

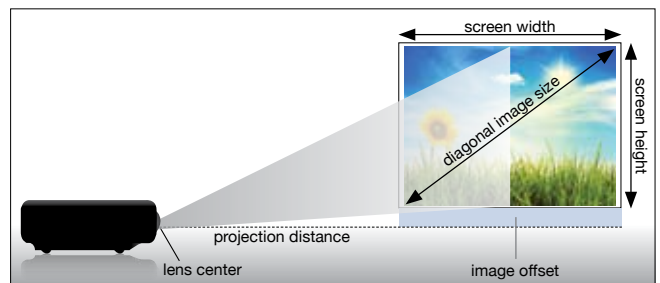
- 1 Power
- 2 Enable Mouse Control
- 3 Mouse Control
- 4 Vertical Keystone Correction
- 5 Volume Control
- 6 Direct Input Source Selection
- 7 Freeze
- 8 AV Mute
- 9 Page Up/Down Control
- 10 3D Control



ES550 Connections

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

Exceptional Connectivity / Multiple Terminals



ES550 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 void 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. 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. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.