

Compact and Great for Business



- Brightness at 2800 ANSI lumens
- 5000:1 high contrast ratio
- 3D-capable
- Power saving eco-friendly at <math><0.5W</math>
- Long lamp life
- The capability of operating computer with remote control



Optoma ES550/EX550 Projector Series

The Optoma ES550/EX550 brings together all of the features that business presenters need, including 2800 ANSI lumens of brightness and 5000:1 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 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.

Specification	ES550	EX550
Display Technology	T I DLP® technology / 0.55" SVGA DMD Chip	T I DLP® technology / 0.55" XGA DMD Chip
Native Resolution	800×600 (SVGA)	1024×768 (XGA)
Brightness / Contrast Ratio	2800 ANSI Lumens / 5000:1	
Display Colors	1.07 Billion colors (10bit)	
Projection Lens	F = 21.95 ~ 24.18 mm; 1.1 x manual zoom / focus lens.	
Image Size	30 to 300 inches (4:3)	
Projection Distance	1.2 ~ 10m	
Digital Keystone Correction	Vertical ± 40°	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Input Connections	VGA in × 2, S-Video × 1, Composite Video × 1, Audio input × 1, Mini USB x 1	
Output Connections	Audio output x 1, VGA output x 1	
Control function	RS232 × 1	
3D Display	Video: 480i, Computer: 1280 x 720 / 1024 x 768 / 800 x 600@120Hz	
Speaker	2W x 1	
Lamp Type	180 watt user-replaceable lamp	
Lamp Life	6000 Hrs (STD mode) / 5000 Hrs (Bright mode)	
Power Supply	Universal AC 100 ~ 240V, 50/60Hz	
Dimensions (WxDxH)	279 x 230 x 76.96 mm	
Weight	2.2 kg / 4.9 lbs	

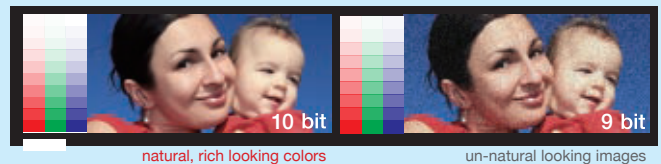
3D TECHNOLOGY

Using the inherent speed of DLP® technology, The Optoma ES550/EX550 can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full color, stereoscopic 3D. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.



10 bit COLOR PROCESSING

The new 10 bit color processing technology increases the number of colors that can be display from 134.2 million to over 1073 million, presenting more natural & vibrant pictures.



ENVIRONMENTALLY FRIENDLY

To achieve the maximum lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <0.5W Standby mode will ensure the minimum energy consumption when the projector is not being used.

6 SEGMENTS COLOR WHEEL

Produces 3X Color Wheel Rotation Speed projectors support PAL video signals in movie mode, which operate at only 50 Hz frequency. Under this low frequency, projector increases the speed of the color wheel rotation from 2X (7200 rpm) to 3X (10800 rpm) resulting in consistent colors and seamless video playback.

BrilliantColor™-II

BrilliantColor™ is a Texas Instruments technology, which uses innovations in image processing to improve the optical efficiency of DLP® projection systems. BrilliantColor™ allows the usage of a more advanced image processing algorithm and enables the usage of more colors on the color wheel, than the standard Red, Green, Blue and White segments. New BrilliantColor™-II technology enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely accurate colors projected on the screen.



Projection Distance (M)	1.5	3	5	10	13	
Screen Size 4:3 (inch)	Max	37.5	74.9	124.9	249.8	324.8
	Min	34.0	68.0	113.4	226.9	294.8

***All specification are subjected to change without notice