Optoma

EX550
DLP® Projector

Bright & Sharp
Projection

BRIGHTNESS WHERE IT MATTERS
You can project even if there is ambient light in the room. The XGA resolution EX550 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 hours[2].

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 EX550 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!

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.

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.

3D Ready

BrilliantColor™

COLOUR GUARANTEED 5 YEARS

EX550

EX550 SPECIFICATIONS

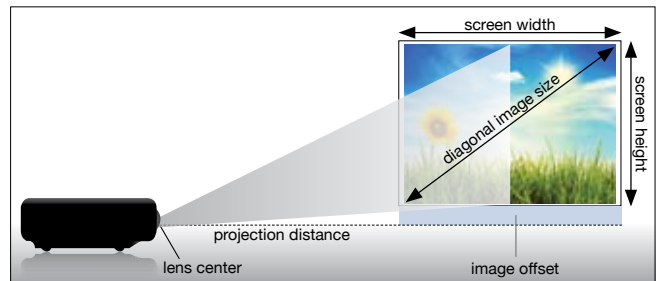|	
Native Resolution	XGA 1024 x 768
Max Supported Resolution	UXGA (1600 x 1200)
Display Technology	Single 0.55" XGA DC3 DMD chip DLP® Technology by Texas Instruments
Brightness - BRIGHT mode[1]	2800 ANSI Lumens
Contrast Ratio	5000:1
Lamp Life[2]	6000/5000 (ECO/BRIGHT mode)
Noise Level	28dB (ECO mode)
Weight / Dimensions (W x D x H)	2.2 kg / 280 x 230 x 77mm
Inputs	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	0.69 – 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.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

EX550 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

EX550 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

screen width / diagonal image size / screen height / projection distance / lens center / image offset

EX550 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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PICTURE BY DLP — TEXAS INSTRUMENTS