

DS5-XL

Massive 3D Made Simple

-  Project fully immersive 3D movies, sport and TV
-  Easy connectivity – Digital HDMI
-  Lights on viewing – 2800 ANSI Lumens
-  Convenient audio from the built in speaker



DS5-XL includes:

DS5-XL projector
3D-XL 3D projector adapter
ZD201 3D Glasses

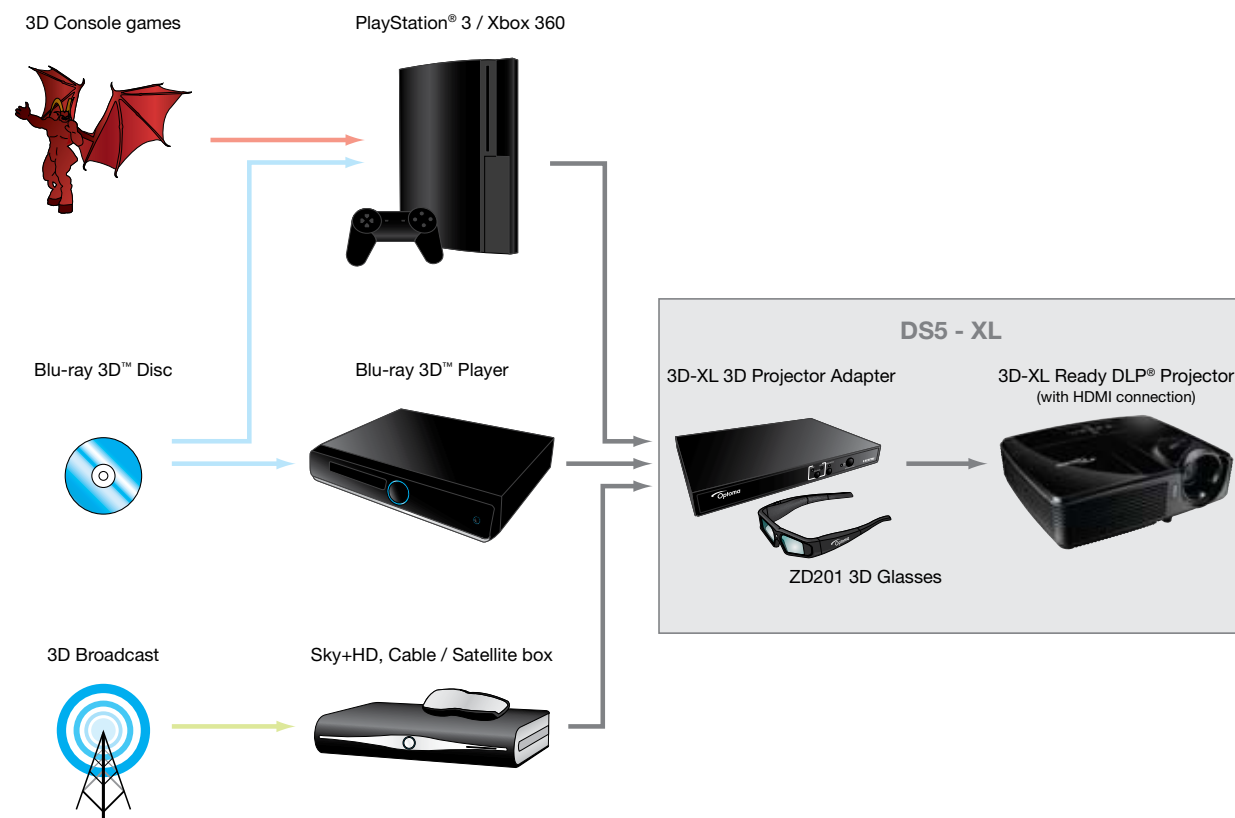


Join the 3D revolution with fully immersive, life-size projection!

Prepare yourself for life-size 3D games and movies! Designed for use with 3D broadcast signals; Sky 3D in the UK, Blu-ray 3D™, Gaming PCs and 3D games from the Sony® PS3 or Microsoft® Xbox 360, the Optoma DS5-XL home entertainment projector, delivers this massive 3D experience right into your own home.

With the DS5-XL you can simply connect between a 3D source and your 3D-XL Ready DLP® projector to project fantastic, fully immersive 3D at sizes larger than 100" for the greatest home entertainment experience.

WHAT TO CONNECT?



ZD201 - 3D GLASSES



SIMPLE SETUP

3D-XL Ready DLP® Projector
(with HDMI connection)



3D-XL 3D Projector Adapter



3D Enabled Device - eg.
Blu-ray 3D™ Player



HDMI cable*

HDMI cable*

*HDMI cable not included

3D VIEWING

Connect to 3D enabled devices such as 3D broadcast signals from Sky 3D in the UK, Blu-ray 3D™, Gaming PCs and 3D games from the Sony® PS3 or Microsoft® Xbox 360, to project fully immersive 3D movies, sport and TV with the included 3D-XL 3D Projector Adapter.



PROJECTION THAT LASTS

Bright colours and fantastic image quality are guaranteed for an amazing 5 years after purchase - giving piece of mind that the technology inside your Optoma projector will not fade or degrade.



COST SAVING & ENVIRONMENTALLY FRIENDLY

Reduce the number of lamp changes with a lamp life performance of up to 6000 hours - on average twice the life expectancy of other lamps on the market. The DS5-XL projector has an easy access lamp, which helps to keep maintenance to a minimum, as the projector can remain in situ.

BRIGHTNESS WHERE IT MATTERS

Project even when there is ambient light in the room as the DS5-XL projector delivers an impressive 2800L ensuring everyone can clearly see the projected image, even during the day.

DIGITAL CONNECTIVITY

Simple and easy – connect using a HDMI cable for a digital audio and video connection to your projector giving you a clear projected image with sound.

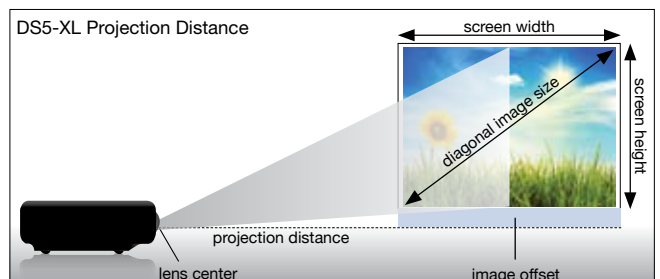


AUDIO CAPABILITY

Listen to movies, sport commentary or TV shows conveniently with the built in speaker. Or for a greater sound experience hook up external speakers to your projector using the audio out connection.



We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website: www.optoma.co.uk



DS5-XL Projection Distance (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)
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
6.00	3.05	2.76	2.29	2.08	3.46	3.81	136.19	150.02	0.34
8.00	4.06	3.69	3.05	2.77	4.61	5.08	181.59	200.03	0.46

For guide purposes only

When projecting a 16:9 image the image sizes, screen width, height and offset information will differ from the above.

DS5-XL PROJECTOR 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	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	0.69m - 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	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.optoma.eu 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 - 1 pair included.
3D Compatibility	Support for 3D TV broadcast systems,(SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 requires the included Optoma 3D-XL 3D Projector Adapter.

ZD201 3D GLASSES SPECIFICATIONS

3D Refresh rate	120Hz (60Hz / eye)
Dimensions (W x D x H)	172 x 166 x 40 (mm)
Weight	50g
Power	1x CR2032 battery
Battery Life	Up to 70 Hours
Range	Up to 20M (Dependent on projected Image)
Operating Conditions	Operating: 5°C - 45°C
Storage Humidity	≤90%

3D-XL SPECIFICATIONS

Native 3D Output resolution	HD Ready 720p120
Maximum Output resolution	Full HD 1080p (L/R view selectable)
INPUTS	2 x HDMI 1.4a (HDCP) - audio supported
OUTPUTS	HDMI 1.3 (HDCP) - audio supported
CONTROL	RS232 9-Pin D-Sub 3-PIN miniDIN (VESA Sync)
Aspect Ratio	16:9 Native, 4:3 Compatible
2D Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
3D Video Compatibility	Side-by-Side: 1080i50, 1080i60 Frame-pack: 1080p24, 720p50, 720p60 Over-Under: 1080p24, 720p50, 720p60
Power Supply	100 - 240V, 50 - 60Hz (UK/EU Compatible)
Power Consumption	20W (<1W standby)
Weight / Dimensions (W x D x H)	1080g / 280mm x 190mm x 30mm
Operating Conditions	Operating: 5 - 35°C, 85% Humidity (Max), 5000m Altitude (Max)
Standard Accessories	UK/EU Power Adapter, Quick Start Guide, CD User Manual, WEEE Card
RoHS	Compliant
Warranty	Warranty may vary by country. Please see www.optoma.co.uk or ask your local supplier for details

EASY TO USE REMOTE CONTROL

DS5-XL 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

DS5-XL 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



Optoma Europe Ltd.

42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ

www.optoma.eu

Copyright © 2011, Optoma Europe Ltd. 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. 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 void in industrial or commercial environments where dust or smoke is excessive. Copyright © 2011, Optoma Europe Ltd. Xbox 360, Xbox, Kinect & Windows are registered trademarks of Microsoft Corporation in the United States and other countries. Sony® & PlayStation® are registered trademarks of Sony Corporation. Sky is a registered trademark of BSKY/BLTD. 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.