DH7-XL

Immersive Lights-on 3D viewing

- Project fully immersive 3D movies, sport and TV
- See every detail - HD Ready 720p
- Lights on viewing – 2500 ANSI Lumens
- Easy connectivity – Digital HDMI
- Soft carry bag for easy transportation



DH7-XL includes:
3D-XL Ready projector
3D-XL 3D projector adapter
ZD201 3D Glasses

3D-XL Ready

HD Ready 720p

5 year IMAGER GUARANTEE

COLOUR GUARANTEED 5 YEARS

BrilliantColor

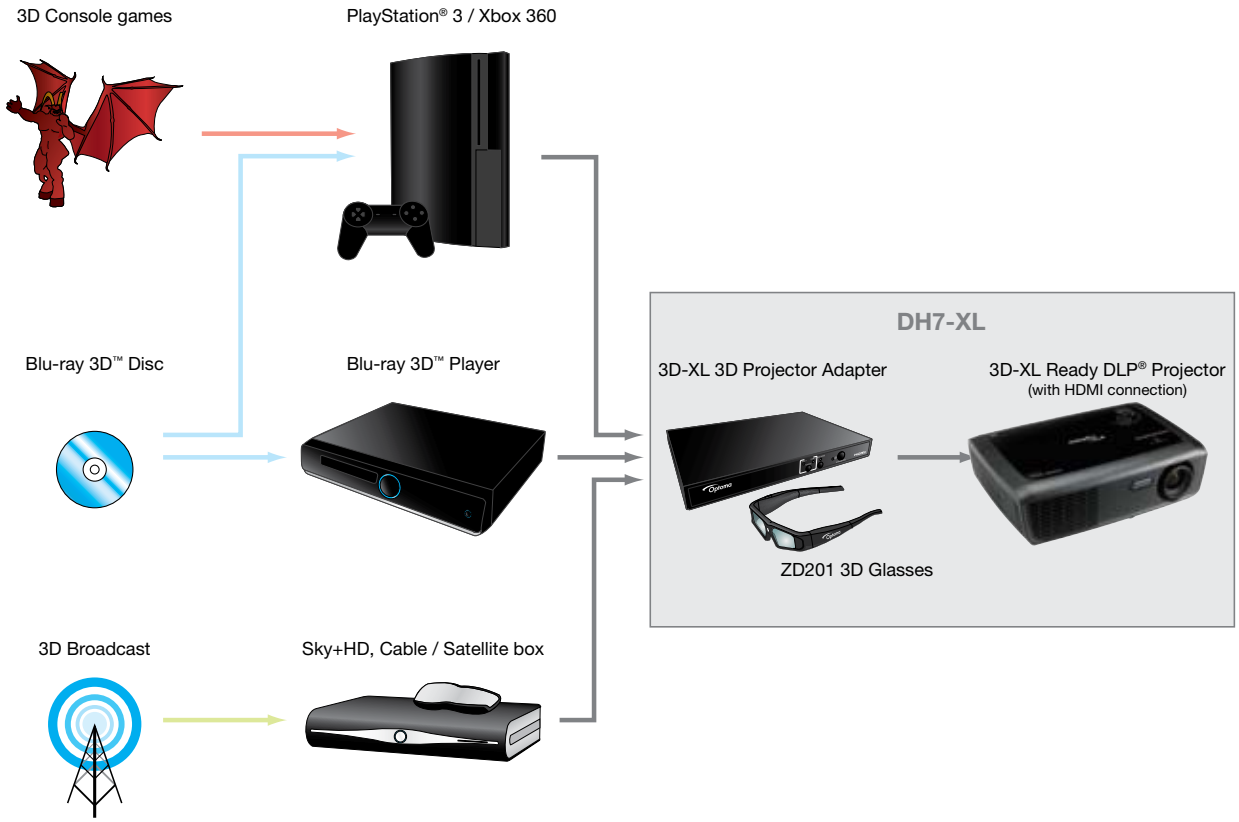
Join the 3D revolution!

Prepare yourself for life-size 3D games and movies! Designed for use with the latest HD consoles, 3D broadcast signals from; SKY 3D in the UK and Blu-ray 3D, the Optoma DH7-XL 3D-XL home entertainment DLP projector package delivers this breath-taking 3D experience right into your own home.

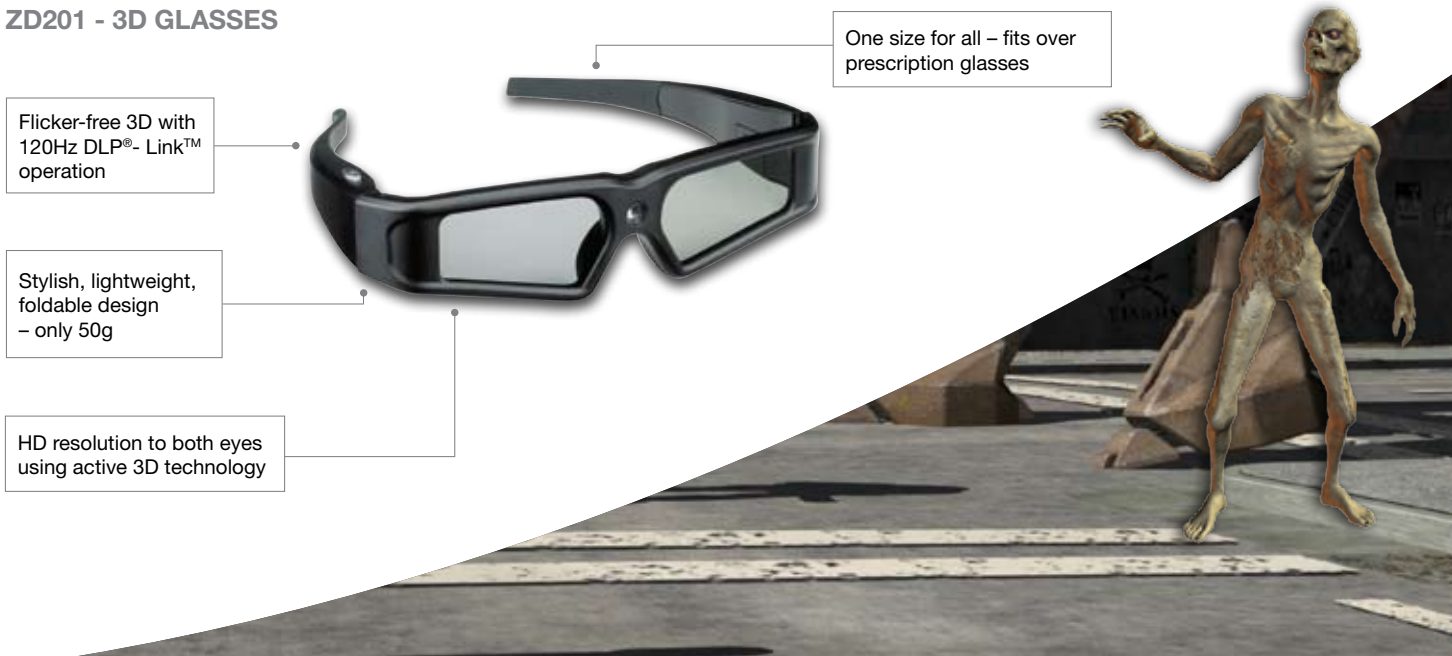
Crystal clear images, stunning clarity and bright enough for lights on viewing the DH7-XL is perfect for connecting to a 3D source to project fantastic, fully immersive high definition 3D at sizes greater than 100” for the greatest home entertainment experience.

While being compact in size and supplied with a stylish carry bag, the DH7-XL is also your perfect partner for sharing this mind-blowing experience with friends and family, anytime, anywhere!

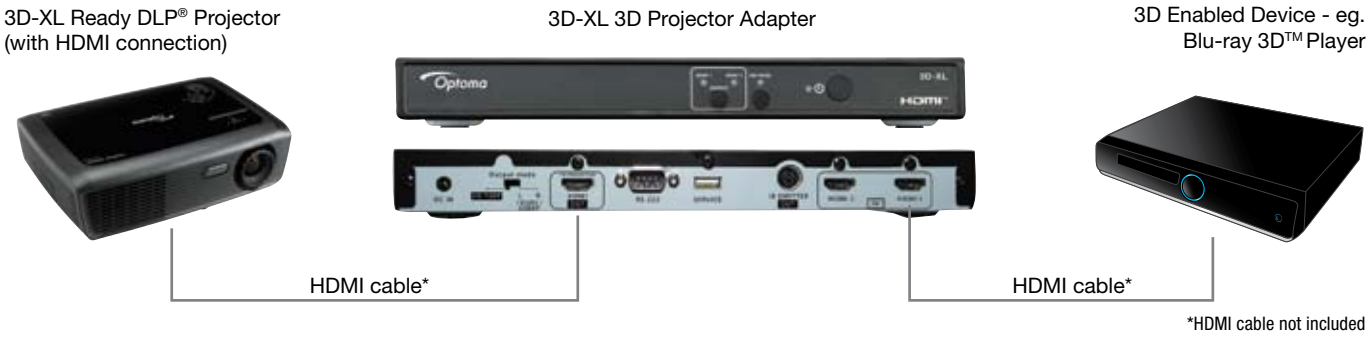
WHAT TO CONNECT?



ZD201 - 3D GLASSES



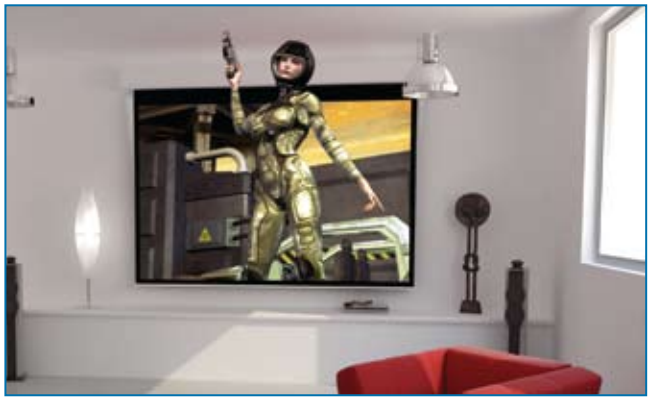
SIMPLE SETUP



*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.



LIGHTS ON ENTERTAINMENT

The DH7-XL produces fantastic images even when the lights are on with 2500 ANSI Lumens. To be used in the same way as your conventional TV, the high brightness can be used for watching movies, sport, TV shows or playing the latest motion controlled games without even dimming the lights.

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.

CLEAR, FOCUSED IMAGES

DarkChip3™ technology from Texas Instruments produces a stunning 3000:1 contrast ratio for pin sharp graphics and crystal clear text. Crisper whites, ultra-rich blacks make images come alive and text easier to read - ideal for business and education presentations.



High ANSI Contrast



Low ANSI Contrast

24P

Most movies are shot at 24 frames per second. To preserve the purity of the original image the DH7-XL can accept HD sources at 24 frames per second and so can display movies as the director intended.

INTEGRATED AUDIO

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

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 4000 hours - on average twice the life expectancy of other lamps on the market. The DH7-XL projector has an easy access lamp, which helps to keep maintenance to a minimum, as the projector can remain in situ.

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

DH7-XL PROJECTOR SPECIFICATIONS

HD Ready	720p (1280 x 800 Native)
ANSI Contrast	300:1 ANSI
Dynamic Contrast	3000:1
Audible Noise	28dB
Brightness[2]	2500 ANSI Lumens
Lamp Life[3]	(ECO) 4000 Hours
Connections	HDMI, VGA-IN (Component\PC\SCART), S-video, Composite, 3.5mm Audio IN / OUT, VGA-OUT, RS232 (3-pin Mini DIN)
Video Compatibility	1080p24/50/60, 1080i50/60 720p50/60/120, PAL, NTSC, SECAM
Speaker	2W
Dimensions	286 x 192 x 84mm
Weight	2.3 kg
Accessories	Carry Case, VGA-Component Cable, Remote, Batteries x 2, User manual CD, Power Cable, Quick Start Guide, Lens Cap
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.
Warranty	Warranty may vary by country. Please see or ask your local supplier for details

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

DH7-XL Remote Control

1 Power On/Off
2 Change Input
3 Re-sync
4 Keystone
5 Volume
6 Direct source selection

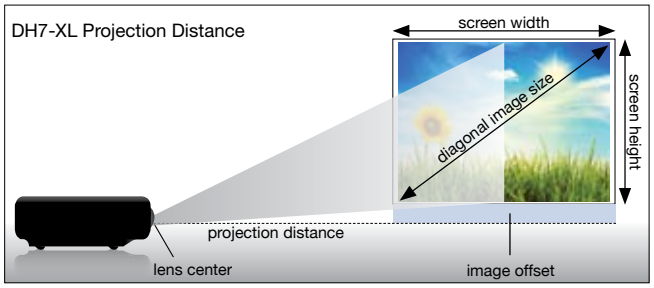


DH7-XL Connections

7 VGA In - SCART & Component
8 VGA Out
9 HDMI (audio supported)
10 S-Video
11 Composite Video
12 RS232 - 3 Pin
13 Audio In
14 Audio Out
15 VGA 2
16 Kensington™ Lock

Exceptional Connectivity / Multiple Terminals





DH7-XL Projection Distance (16:9 Aspect Ratio)

Projection Distance (m)	Min Image Width (m)	Max Image Width (m)	Min Image Height (m)	Max Image Height (m)	Min Image Diagonal (m)	Max Image Diagonal (m)	Max Image Diagonal (inch)
2.00	1.18	1.29	1.66	0.73	1.35	1.48	58.3
3.00	1.76	1.95	0.99	1.09	2.02	2.22	87.4
4.00	2.35	2.58	1.32	1.45	2.7	2.96	116.6
5.00	2.94	3.23	1.65	1.81	3.37	3.7	145.7
6.00	3.53	3.87	1.99	2.18	4.05	4.44	174.9
7.00	4.12	4.52	2.32	2.54	4.72	5.18	204

For guide purposes only

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

www.optoma.eu

Copyright © 2011, Optoma Europe Ltd. [1]Brightness 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. [2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. [3]Optoma 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. [4]Optoma 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 BSkyBLTD. 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 TexasInstruments. Some images may be simulated.

V1 - 21/11/11