

# HD800X LV Home Entertainment Projector



## FEATURES

- No need to dim the lights with an Ultra bright 2000L
- Full HD Ready for 1080P TV, Movies or Gaming
- 8000:1 (Max) Contrast Ratio for breathtaking lifelike images
- Stunningly vivid & realistic HD colour
- HDMI v1.3 for pure digital image quality



## Full HD 1080p entertainment even with the lights on

Now at last there's no need to dim the lights when you watch your favourite movie or play a video game on your home entertainment projector. With its unrivalled combination of 2000 ANSI Lumens and an 8000:1 (Max) contrast ratio, the HD800X LV can deliver stunning images all in native 1080p resolution even during the day. Turn the lights down and even on a 5m (197") screen, every astonishing detail will come to life before your eyes.

## Technical Specifications

### Highlights

Full HD Ready	Native 1080P, HDMI & DVI inputs
Display Technology	DLP®
Contrast	8000:1 (Max)
Audible Noise	27dB Standard mode, 29dB Bright mode
Brightness	2000 ANSI Lumens

### Connections

Signal Type	Options	Input Connector
HDMI	3	2 x HDMI (V1.3 Deepcolor) 1x DVI-I with optional adaptor
Component (I/P)	2	1xRCA, 1xDVI-I with optional adaptor
SCART RGB	1	DVI-I via supplied adaptor
S-Video (Y/C)	1	3 Pin Mini DIN
Composite Video (CVBS)	1	RCA
DVI-D Computer	1	DVI-I
RGB Computer	1	DVI-I
RS-232	1	9 Pin D-Sub connector
Screen trigger	1	
Video Compatibility	PAL, SECAM (576i/p), NTSC (480i/p), HDTV (1080p, 1080i, 720p)	

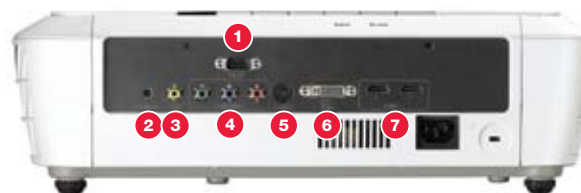
### Display

Aspect Ratio	Widescreen 16:9 with support for 4:3
Throw Ratio	1.85-2.22 (Projection Distance/Image Width) 1.2x Manual zoom
Projection Distance	1.5m – 12.5m
Image Size 16:9 Diagonal	0.76 - 7.62m (30.5-300")
Keystone Correction	Vertical
Projection Types	Front, Ceiling, Rear, Rear ceiling
Lamp Type	300 watt
Lamp Life	Standard mode 3000 hours*

### General

Dimensions	411x311x116 (WxDxH)
Weight	4.5kg
Power Consumption	395W W Max, <14W standby
Operating Temperature	5-35°C Max, 80% Humidity
Warranty	Warranty may vary by country. Please see <a href="http://www.optomaeurope.com">www.optomaeurope.com</a> or ask your local supplier for details
Lamp Warranty	6 months or 1000 hours whichever is the sooner
Menu Languages	English, German, French, Italian, Spanish, Portuguese, Swedish, Dutch, Norwegian and Danish combined, Polish, Russian, Finnish, Greek
Supplied accessories	AC power cord, Component video cable, RS232 cable, Remote control, Batteries for remote, Lens cap, User's guide
Optional accessories	Ceiling Mount Kit, HDMI to DVI adaptor
EAN Number	5060059043071

\*Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions



### Projector I/O Ports

- 1 RS232 control
- 2 12 volt screen trigger output
- 3 Composite video Input
- 4 Component video Input
- 5 S-video Input
- 6 DVI-I Input for:  
SCART RGB DVI-D VGA Component
- 7 2 x HDMI (V1.3) Inputs

### Remote Control

- 8 Brightness
- 9 Contrast
- 10 Image AI
- 11 Image gamma preset selection
- 12 IRIS Control
- 13 Bright Mode
- 14 Image Shift
- 15 Preset image modes selection
- 16 Overscan Control
- 17 Edge Masking Tool
- 18 Display aspect ratio selection
- 19 Input selection

### Image size – throw distance

Projection Distance (m)	Horizontal Image Size (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)
2.00	0.90 - 1.08	1.24	49	0.22
3.00	1.35 - 1.62	1.86	73	0.33
4.00	1.80 - 2.16	2.48	98	0.44
5.00	2.25 - 2.70	3.10	122	0.55
6.00	2.70 - 3.24	3.72	146	0.66
7.00	3.15 - 3.78	4.34	171	0.77
8.00	3.60 - 4.32	4.96	195	0.87

For guide purposes only



\*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusion: \*(1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault.

\*\*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Copyright © 2008, Optoma Europe Ltd. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners.

\*\*\* Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusion: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive.

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