

# HD800X Home Entertainment Projector

**Optoma**



## FEATURES

- **Full HD Ready** for 1080P TV, Movies or Gaming
- **5000:1 Contrast Ratio** for breathtaking lifelike images
- **Stunningly vivid & realistic HD colour**
- **1200 Lumens** for brilliant images
- **HDMI v1.3** connectors for pure digital images quality

## Full HD 1080P Entertainment

Transform any room in your home with the ultimate Full HD, 1080P High Definition entertainment experience. A perfect match for the latest HD disc players, HD TV and extreme HD gaming; the fantastic image quality of the Optoma HD800X displays life-size movies, sports and games characters so real you could touch them.



## Technical Specifications

### Highlights

Full HD Ready	Native 1080P, HDMI & DVI inputs
Display Technology	DLP®
Contrast	5,000:1
Audible Noise	27dB Standard mode, 29dB Bright mode
Brightness	1200 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)	

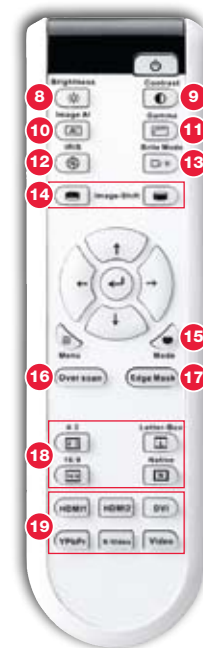
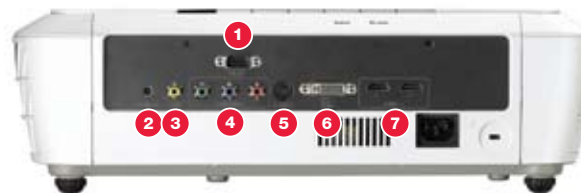
### Display

Aspect Ratio	Widescreen 16:9 with support for 4:3
Colour Wheel	6 x speed
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	5060059042548

\*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

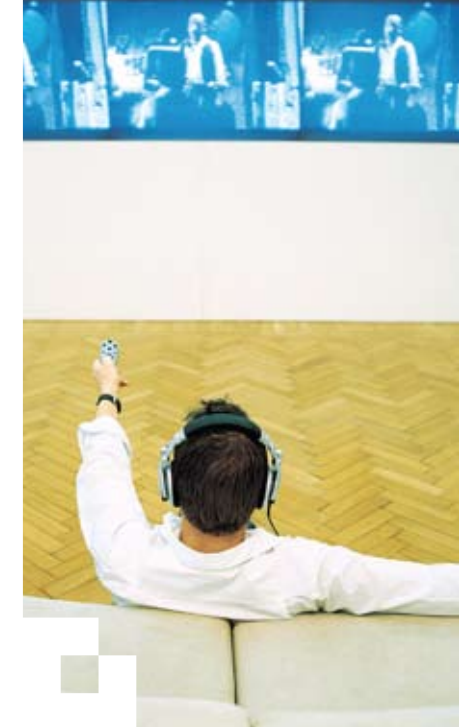
Projection Distance (m)	Horizontal Image Size (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset (m)
2.00	0.90 - 1.08	1.24	49	0.22
3.00	1.35 - 1.62	1.86	73	0.33
4.00	1.80 - 2.16	2.48	98	0.44
5.00	2.25 - 2.70	3.10	122	0.55
6.00	2.70 - 3.24	3.72	146	0.66
7.00	3.15 - 3.78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

For guide purposes only



TrueVivid™ and Image AI™ are registered trademarks of Optoma Technology, Inc. TrueVision™ is a trademark of Texas Instruments.

DLP® and the DLP logo are registered trademarks of Texas Instruments. DNX™ are trade marks of Pixelworks. Deep Color™ is a trademark of Silicon Image Inc. 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. Errors and omissions excepted, all specifications are subject to change without notice.



**Optoma**

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

Tel: +44 (0) 1923 691800  
Fax: +44 (0) 1923 691888

[www.optomaeurope.com](http://www.optomaeurope.com)

