

# H182X

## Super-sized home entertainment

- Bright vivid colours – 3,200 ANSI lumens
- Full 3D and HD Ready 720p
- High contrast - 23,000:1 contrast ratio
- Easy connectivity - HDMI and built-in speaker



# H182X

Created for home entertainment, the bright H182X is perfect for watching TV shows, sports and movies or playing action-packed games on a huge screen.

With a built-in speaker and HDMI input the H182X is easy to setup and use.

## Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



## HD Ready 720p

HD Ready resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching high definition movies, TV shows and playing video games.



## High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

## Amazing Colour

Watch your movies, TV shows and play games with stunning colours in any environment. Optoma projectors provides you with reliable performance suitable for any content and environment. Our home projectors are capable of reproducing the Rec.709 colour gamut, the international HDTV standard to guarantee accurate reproduction of cinematic colour exactly as the director intended. Or more saturated colours for a punchy looking image, great for gaming and animated movies.



## Color Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## Integrated Speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers

## Long Lamp Life

The expected lifetime of a typical Optoma projector lamp is an impressive 7000 hours; so if you watch a two hour movie every day, the lamp should last over 9 years.

## 24p

Most movies are shot at 24 frames per second (fps). To preserve the purity of the original image, Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.

# H182X Specification

Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright Mode)	3200 ANSI Lumens
Contrast	23,000:1
Lamp Life <sup>2</sup> Eco+/Dynamic/Eco/Bright	7000/6500/6000/5000 (hrs)
Throw Ratio	1.55 – 1.7:1
Zoom Type	1.1x Manual
I/O Connectors	HDMI (1.4a 3D support), VGA (YPbPr/RGB), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, RS232, USB service
Speaker	2
Keystone Correction	± 40° Vertical
Weight (kg)	2.35
Dimensions (W x D x H) (mm)	315 x 224 x 102
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	115%
Projection Screen Size	0.69 – 7.62m (27.2" to 300") Diagonal 16:10
Projection Distance	1 – 10m
Projection Lens	F/2.5~2.67; f=21.8~23.98mm, 1.1x Manual Zoom
Uniformity	80%
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15.3 – 91.1kHz
Vertical Scan Rate	24 – 85Hz
Displayable Colours	1073.4 Million
Noise Level (Eco mode)	29dB
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 191W Eco mode (< 0.5W Standby)
Lamp Type	190W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi and Arabic.
Standard Accessories	AC power cord, remote control, battery, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
Optional Wireless	Yes
RoHS	Compliant



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<sup>1</sup>Lamp based projectors brightness and 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. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime. <sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. DLP®, and the DLP logo are registered trademarks of Texas Instruments. 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. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2014, Optoma Europe Ltd.

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30/11/2016 07:38