

## 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.

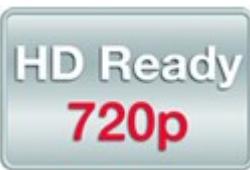
## Full 3D

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 Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



## 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
Noise Level (Eco mode)	29dB
Weight (kg)	2.35
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
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)
Displayable Colours	1073.4 Million
Projection Lens	F/2.5~2.67; f=21.8~23.98mm, 1.1x Manual Zoom
Throw Ratio	1.55 – 1.7:1
Projection Screen Size	0.69 – 7.62m (27.2" to 300") Diagonal 16:10
Projection Distance	1 – 10m
Zoom Type	1.1x Manual
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	115%
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type	190W
Lamp Life <sup>2</sup> Eco+/Dynamic/Eco/Bright	7000/6500/6000/5000 (hrs)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H) (mm)	315 x 224 x 102
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 191W Eco mode (< 0.5W Standby)
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security bar, Kensington lock, password protection
Standard Accessories	AC power cord, remote control, battery, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
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
Speaker (Watts)	2
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.
Optional Wireless	Yes



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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.

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