






# 3D HOME THEATER PROJECTOR H180X



## BIG SCREEN HOME ENTERTAINMENT MADE EASY



-  View movies, games, television and sports in a whole new way with images up to 300" diagonal
-  3000 lumens bright for lights-on entertainment
-  Full 3D for the most immersive viewing experience
-  Whisper quiet operation
-  Advanced energy saving features to reduce the cost of operation



Treat yourself to magnificent big-screen video and 3D entertainment. With its powerful 3000 lumens bright output and stunning quality HD ready video with incredibly accurate color reproduction, the Optoma H180X will transform any room into an entertainment room.

Compact in size and compatible with the latest 3D Blu-Ray players, streaming video set-top boxes and gaming consoles, the Optoma H180X will be ready to take the action wherever you go.

Designed for maximum video performance and ease of use, the Optoma H180X features the latest Optoma Eco+ technology for ultra long lamp life, HDMI 1.4a for maximum connectivity, built-in 2-Watt speaker and whisper quiet operation to keep you on top of the action.

### CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART PHONES



TABLETS



3D BLU-RAY/DVD PLAYERS

SET TOP BOXES



CAMCORDERS



GAME CONSOLES



DIGITAL CAMERAS



Roku®



Apple TV®

## 3D HOME THEATER PROJECTOR— H180X

### OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Resolution	720p (1280 x 720)
Maximum Resolution	UXGA (1600 x 1200)
Brightness	3000 lumens
Contrast Ratio	18,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life and Type*	6000/5000 Hours (ECO/normal) 190W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	>85%
Aspect Ratio	16:10 Native, 16:9, 4:3 compatible
Throw Ratio (Distance/Width)	1.55–1.7
Projection Distance	3.2'–32.8' (1–10 m)
Image Size (Diagonal)	27.2"–301" (0.69–7.6 m)
Projection Lens	F=2.5–2.67, f=21.8–23.98 mm, 1.1x manual zoom and focus
Digital Zoom	0.8~2.0
Offset	112%
Audio	One 2-Watt speaker
Noise Level	28dB
Remote Control	IR remote control
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 249W (Normal), Min 202W (Eco+), <0.5W (standby-ECO)

### COMPATIBILITY SPECIFICATIONS

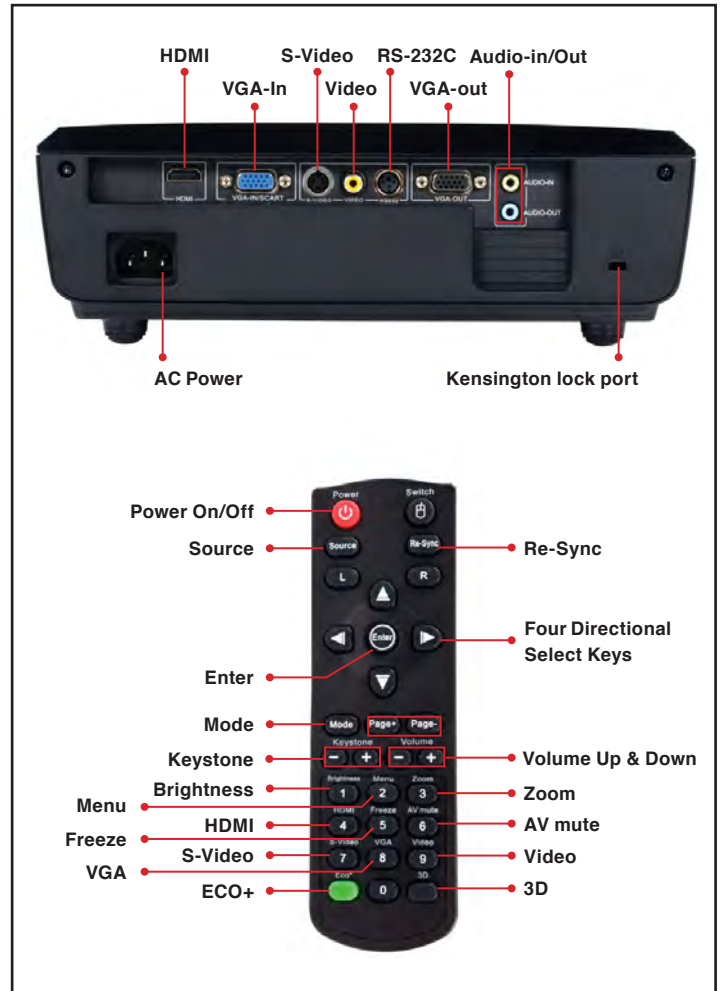
Computer Compatibility	UXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Top and bottom, side by side, frame packing, HQFS. 3D glasses are needed and sold separately.
Vertical Scan Rate	24–85Hz, 120Hz, 144Hz
Horizontal Scan Rate	15.375–91.4KHz
User Controls	Complete on-screen menu, adjustments in 27 languages
I/O Connection Ports	HDMI v1.4a, VGA-in, VGA-out, S-video, composite video, RS-232C, Audio-in, Audio-out
Loop Through (Audio, VGA)	Monitor: D-Sub 15 pin VGA output (functional in both normal and standby modes), Audio: VAO audio out, HDMI VAO audio out supported,(VAO in normal mode, fixed during Standby)

### PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port and keypad lock
Weight	5 lb (2.27 kg)
Dimensions	11.28" x 3.98" x 7.6" (287 x 101 x 193 mm)

\*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



### Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

### In the Box (Standard Accessories)

H180X projector, AC power cord, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Ceiling mount, Optoma screens and DLP® Link™ 3D glasses

### Accessory Part Numbers

Lamp: BL-FP190B  
Mount: BM-5001U  
Remote: BR-5048N  
DLP® Link™ 3D glasses: BG-ZD301  
RS232 Mini-Din Cable: BC-RDRMYX02

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# Touchboards

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**Optoma**  
Projector Expert

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