

Vibrant home theater projection

HD146X



Bright 1080p projection for home theater and gaming



- Bright 3,600 lumens with 25,000:1 contrast ratio
- Full HD 1080p resolution
- Enhanced Gaming Mode brings lightning-fast input response for competitive gaming
- Game Display Mode enhances shadows and dark scenes for better playability
- HDMI-Link support simplifies control of connected HDMI devices and video sources
- Outstanding lamp life up to 15,000 hours (Dynamic) reduces overall cost of ownership.



1080P

Full 3D



Embrace the huge-screen cinematic experience with the affordable 3,600 lumens Optoma HD146X 1080p home theater projector. The excellent color reproduction and high-quality 25,000:1 contrast ratio ensures images up to 301-inches look incredible for unmatched immersion for movies and gaming.

Enhanced Gaming Mode delivers lightning-fast input response times of 16ms, perfect for fast-paced and competitive console or PC gaming. Game Display Mode provides a visual advantage by boosting shadows and dark scenes for greater visibility of impending obstacles.

HDMI-Link technology enables control of the projector and connected devices using a single remote, all via the HDMI connection. Up to 15,000-hour lamp life delivers many years of use with minimal maintenance when using Dynamic mode.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

OPTICAL/TECHNICAL SPECIFICATIONS

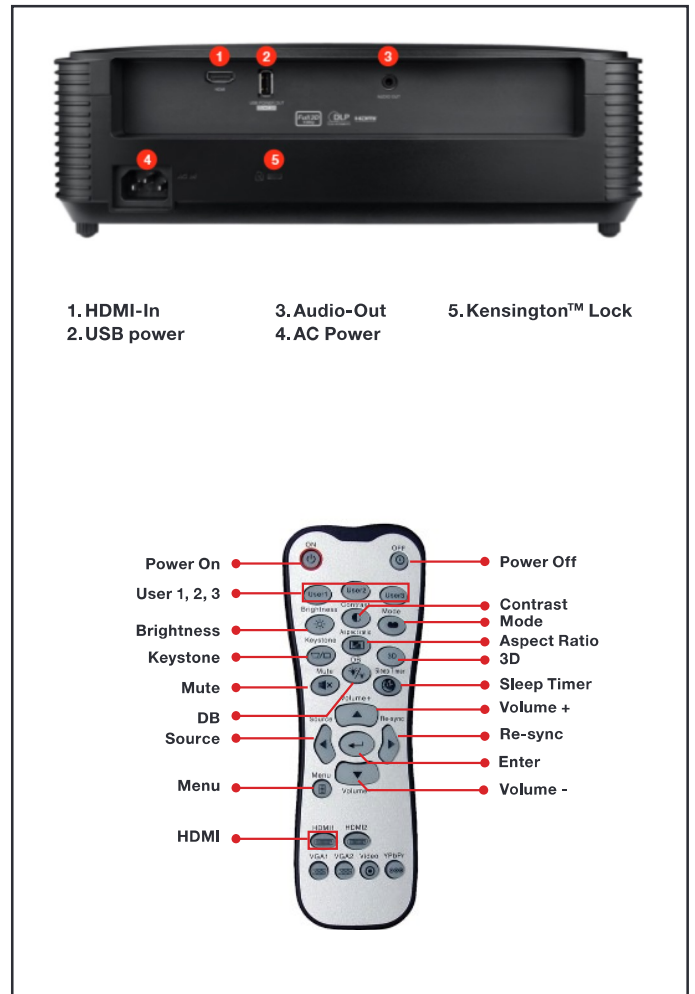
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|-----------------------|---|
| Display Technology | Texas Instruments 0.47" DMD |
| Color Wheel | RYGCWB |
| Native Resolution | 1080p (1920 x 1080) |
| Maximum Resolution | WUXGA (1920 x 1200) |
| Brightness | 3,600 ANSI lumens |
| Contrast Ratio | 25,000:1 |
| Displayable Colors | 1.07 billion |
| Lamp Life and Type* | 15,000/10,000/4,000 (Dynamic/ECO/Bright) - 240W |
| Projection Method | Front, rear, ceiling mount, table top |
| Keystone Correction | ±40° vertical |
| Uniformity | 80% |
| Offset | 116%±5% |
| Aspect Ratio | 16:9 (native), 4:3, 16:10 and LBX compatible |
| Throw Ratio | 1.47 - 1.62:1 |
| Projection Distance | 3.2' - 35.37" (no zoom) |
| Image Size | 28" - 301" |
| Projection Lens | F=2.1 ~ 2.31, f=15.59 ~ 17.14mm |
| Optical Zoom | 1.1x |
| Digital Zoom | 0.8 - 2.0 |
| Audio | 3W |
| Noise Level | 26dB |
| Remote Control | Full size remote |
| Operating Temperature | 41-104°F (5-40°C), 85% max humidity |
| Power Supply | AC input 100 - 240V, 50 - 60 Hz, auto-switching |
| Power Consumption | 295W typical (Bright), 325W max (Bright), 215W typical (Eco), 240W max (Eco) |
| High Altitude | Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD) |

COMPATIBILITY SPECIFICATIONS

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|---------------------------|--|
| Computer Compatibility | FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac |
| Video Input Compatibility | PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p) |
| 3D Compatibility† | Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details. |
| Vertical Scan Rate | 15.375 - 91.146KHz |
| Horizontal Scan Rate | 25 - 85Hz (120Hz for 3D) |
| User Controls | Complete on-screen menu adjustment in 27 languages |
| I/O Connection Ports | HDMI (1.4a), audio out (3.5mm), USB (1.5a / firmware update) |
| Loop Through (Audio) | Yes |

PHYSICAL SPECIFICATIONS

| | |
|------------------------|--|
| Security | Security bar, Kensington lock, password protection |
| Weight | 6.2 lbs. |
| Dimensions (W x H x D) | 12.4" x 4.3" x 9.5" |



Warranty

1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

What's in the Box

HD146X projector, AC power cord, remote control, batteries for remote, quick start user manual

Accessories

Lamp (replacement): BL-FU240H
 Remote (replacement): BR-3001B
 Universal ceiling mount: OCM818B-RU
 Universal ceiling mount (with extensional pole): OCM815B
 4K UHD Casting and mirroring adapter: UHDCast Pro

UPC 796435 81 366 6

Optoma.com



*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.