

VIBRANT HOME THEATER PROJECTION HD142X



BRILLIANT COLOR, ADVANCED COMPATIBILITY, EXTENDED LAMP LIFE, AND MORE



-  **Bright and colorful 3000 lumens combined with a 23000:1 Contrast Ratio**
-  **Reference Display Mode provides accurate, vibrant color via REC.709**
-  **1080p Full HD Resolution delivers stunning movies and games**
-  **sRGB color profile enables rich, accurate color based on the primaries of REC.709b when used with both a PC or Mac**
-  **8000-hour lamp life reduces overall cost of use**
-  **BrilliantColor™ dazzles with color enhancement**



The Optoma HD142X is a dynamic and cost effective 1080p Home Theater Projector packed with a array of features including 3000 lumens, 1920x1080 Full HD Resolution, 1.1x Zoom, sRGB support, and 23000:1 contrast ratio. The HD142X is the perfect Home Theater Projector for watching your favorite Blu-ray movie on movie night or catching up with Game of Thrones on a Sunday evening.

It is also a great projector for gaming platforms including Xbox One, PS4, and personal computers. The advanced optical lens, crisp 1080p graphics, and deep blacks produce detailed and vivid graphics and textures. In addition, sRGB color profile enables rich accurate color, based on the primaries of REC.709b HDTV specification when used with a PC, Mac, or any sRGB compatible source.

The HD142X features the latest and greatest digital media interface with support for MHL v1.2-enabled HDMI ports. In addition, it is compatible with MHL devices such as Optoma's HDCast Pro, Roku Streaming Stick, and smart phones which connect directly to the projector to playback music and video, view pictures and even share web pages and other user-generated digital media content.

The 8000-hour lamp life leads to extended hours of viewing, with limited need for maintenance and a lower overall cost of use, without sacrificing outstanding picture quality.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV*



Chromecast™

VIBRANT HOME THEATER PROJECTION – HD142X

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Color Wheel	6 Segment RGBCYW
Native Resolution	1080p 1920x1080
Maximum Video Resolution	1080p 1920x1080
Maximum Graphics Resolution	WUXGA 1920x1200
Brightness	3000
Contrast Ratio	23000:1
Displayable Colors	1.07 Billion Colors
Lamp Life and Type*	8000/6000/5000 (Dynamic/ECO/Bright)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40°
Uniformity	80%
Offset	116%±5%
Aspect Ratio	16:9 (native), 16:10, 4:3, Auto
Throw Ratio	1.48 ~ 1.62
Projection Distance	1 ~ 10m
Image Size	27.88" - 305.3"
Projection Lens	F/2.5 - 2.67; F=21.86 - 24mm
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0x
Audio	10W Speaker
Noise Level	24dB (Eco)
Remote Control	Backlit IR remote control
Operating Room Temperature	5 - 40°C
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	Bright: Typical 236W Max. 260W ECO: Typical 196W Max. 216W
High Altitude	Sea Level to 10,000 feet (@23°C); must manually switch to high altitude mode at 5000 feet & above

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
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	24–85Hz, 120Hz
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu adjustment in 26 languages
I/O Connection Ports	2xHDMI 1.4a (MHL), 3D Vesa Sync Port, Audio Out 3.5mm, 12V Trigger, USB-A (Power)
Loop Through (Audio)	Audio Pass Thru via HDMI to 3.5mm Audio Out

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar, keypad lock
Weight	5.5 lbs.
Dimensions (W x H x D)	11.7" x 9.0" x 3.7"



- 1. HDMI
- 2. HDMI/MHL
- 3. USB
- 4. 3D Sync
- 5. 12V Out
- 6. Audio Out
- 7. Power



Warranty

1 Year Warranty

In the Box (Standard Accessories)

HD142X projector, lens cap, AC power cord, remote control, batteries for remote, multilingual CD-ROM, user manual, quick start card, and warranty card

Optional Accessories

Mount, Carrying Case, RF 3D Emitter, RF 3D Glasses, DLP Link Glasses, Wireless HDMI, Wireless Streaming Stick

Accessory Part Numbers

Lamp: BL-FU195C	Remote: SP.8ZE01GC01
Mount: BM-5001U	Carrying case: SP.8VH03GC01
RF 3D emitter: BC300	RF 3D glasses: ZF2300GLASSES
DLP® Link™ 3D glasses: ZD302	Wireless HDMI system: WHD200
Wireless Streaming Stick: HDCastPro-Black	

UPC 796435 81 250 8

*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 DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.

www.OptomaUSA.com

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