

Bright 1080P projection

HD143X

Optoma

Vibrant budget home theater projection



Bright and colorful 3,000 lumens with a 23,000:1 contrast ratio



Reference display mode enables accurate REC.709 color



Full HD 1080p resolution delivers stunning movies and games



Amazing 12,000 hour lamp life reduces overall cost of ownership



BrilliantColor™ dazzles with vibrant colors



1080P

Full 3D



Bring the cinematic experience into your home with the affordable 3,000 lumens Optoma HD143X 1080p home theater projector. The 23,000:1 contrast ratio, reference display mode, and REC.709 color support delivers extraordinary video quality perfect for movies, sports and gaming.

Pair the Optoma HD143X with a Blu-ray player, high-performance gaming PC or console and transform your living room into a big-screen home theater. The vivid colors, deep black levels and crisp details make it a must-have for watching Hollywood blockbusters and gaming.

A pair of HDMI inputs and USB power provides easy connectivity to the latest HD video streaming devices and gaming consoles to the Optoma HD143X. The 1.1x zoom ensures flexible mounting and installation.



CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

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OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.47" DMD S410, DC3 chip, DLP® Technology by Texas Instruments
Color Wheel	RYGCWB
Native Resolution	1080p (1920x1080)
Maximum Resolution	WUXGA (1920x1200)
Brightness	3000 ANSI lumens
Contrast Ratio	23,000:1
Displayable Colors	1.07 Billion
Lamp Life and Type*	12,000/10,000/3500 (Dynamic/ECO/Bright) - 240W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	± 40° vertical
Keystone Distortion	±1% max
Uniformity	80%
Offset	116%±5%
Aspect Ratio	16:9 (native), 4:3, 16:10 and LBX compatible
Throw Ratio	1.47 - 1.62
Projection Distance	3.2' - 35.37" (no zoom)
Image Size	28" - 301
Projection Lens	F=2.1 ~2.31, f=15.59 ~ 17.14mm manual
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0
Audio	10W
Noise Level	25/27dB (ECO/Active)
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	300W typical (Bright mode), 330W max (Bright mode), typical (Eco+ mode), 230W max (Eco+ mode)
210W	
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

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 [†]	Side-by-side: 1080i50 / 60, 720p50 / 60 Frame-pack: WUXGA24, 720p50 / 60 Over-under: WUXGA24, 720p50 / 60
Vertical Scan Rate	15 - 91kHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 26 languages
I/O Connection Ports	2xHDMI, audio-out, 3D Sync port, 12V trigger, USB power
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Security bar, Kensington lock, password protection
Weight	6.75 lbs.
Dimensions (W x H x D)	12.44" x 4.27" x 9.2"



Warranty

1 year limited warranty / 90 days for lamp

What's in the Box

HD143X projector, AC power cord, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP®Link™ 3D glasses, carrying case, lamp, remote, wireless mirroring

Accessory Part Numbers

Lamp: BL-FP240G
Remote: BR-3001B
DLP®Link™ 3D glasses: ZD302
RF Emitter: BC300
Ceiling mount: OCM818B-RU
Ceiling mount: BM-5001U
Ceiling mount (with extensional pole): OCM815B
Carrying case: SP8VH03GC01
HDCast Pro Wireless Mirroring: HDCast Pro-Black

UPC 796435 81 287 4

*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 www.OptomaUSA.com for more information.