

Bright 1080P projection

HD243X



Vibrant home theater projection



- Bright and colorful 3,300 lumens with a 24,000:1 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 3,300 lumens Optoma HD243X 1080p home theater projector. The 24,000:1 contrast ratio, reference display mode, and REC.709 color support delivers extraordinary video quality perfect for movies, sports and gaming.

Pair the Optoma HD243X 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 HD243X. 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" 1080P DMD DLP® by Texas Instruments
Color Wheel	RYGCWB
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	3,300 ANSI lumens
Contrast Ratio	24,000:1
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), 210W typical (Eco+ mode), 230W max (Eco+ mode)
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)	12.5" x 4.25" x 9.75"



Warranty

1-year limited warranty, 90 days on lamp

What's in the Box

HD243X projector, AC power cord, remote control, batteries for remote, quick start guide and warranty card

Optional Accessories

Universal ceiling mount, carrying case, lamp, remote, wireless mirroring

Accessory Part Numbers

Lamp: BL-FP240G
Remote: BR-3001B
Ceiling mount: OCM818B-RU
Ceiling mount: BM-5001U
Ceiling mount (with extensional pole): OCM815B
Carrying case: BK-4028
HDCast Pro Wireless Mirroring: HDCast Pro-Black

UPC 796435 81 337 6

*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.