

3D HOME THEATER PROJECTOR HD37



PREMIER HOME CINEMA PROJECTOR



- Native Full HD 1080p (1920 x 1080) resolution for the best possible digital home cinema experience**
- 2600 lumens bright and 20,000:1 contrast ratio for deeper blacks and exceptional shadow detail**
- All glass multi-coated lens with vertical lens shift and 1.5x zoom ratio for superior focus and installation flexibility**
- VESA 3D Sync Port with 2D to 3D capability. Enjoy your favorite show or movie in full 3D**
- ISFccc Certified, day time and night time viewing modes**

MHL (Mobile High-Definition Link) support; Mobile devices and media dongles connect directly for playback of music, pictures and videos



With a Full HD 1080p image, the Optoma HD37 home cinema projector delivers magnificent quality video with bright, vivid and highly-accurate colors using BrilliantColor™ technology.

With a 2600 lumens, bright image and fifth-generation DynamicBlack™ technology to generate a remarkable 20,000:1 contrast ratio, the HD37 produces visually stunning images with higher color accuracy and better tonal range for true-to-life colors.

MHL (Mobile High-Definition Link) support allows Mobile Devices (smart phones, tablets) and Media Sticks to connect directly to the HD37 for playback of music, pictures and videos. Full 3D 1080p enables 3D high resolution viewing of movie and gaming content via DLP Sync 3D Glasses or RF 3D Glasses.

CONNECTIVITY (May require optional accessories)



3D HOME THEATER PROJECTOR — HD37

OPTICAL/TECHNICAL SPECIFICATIONS

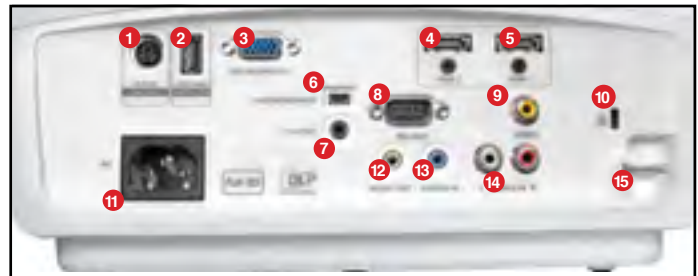
Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	HD (1920 x 1080)
Brightness	2600 lumens
Contrast Ratio	20,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life*	7000/5000/3000 (Dynamic/Eco/Bright)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	>80%
Aspect Ratio	16:9 native, 4:3 compatible
Throw Ratio	1.39–2.09 (distance/width)
Projection Distance	3.9'–32.8' (1.2–10 m)
Image Size (Diagonal)	25.5"–325" (0.65–8.3 m)
Projection Lens	F=2.42–2.97, f=20.7–31.05 mm 1.5x manual zoom and focus
Lens Shift Offset	Vertical: 110% ~ 124%
Digital Zoom	0.8 ~ 2.0
Noise Level	29dB
Remote Control	Backlit IR remote
Operating Conditions	41–104°F (5–40°C), 85% max humidity
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 310W (Normal), Min 230W (Eco+), <0.5W (standby-ECO)

COMPATIBILITY SPECIFICATIONS

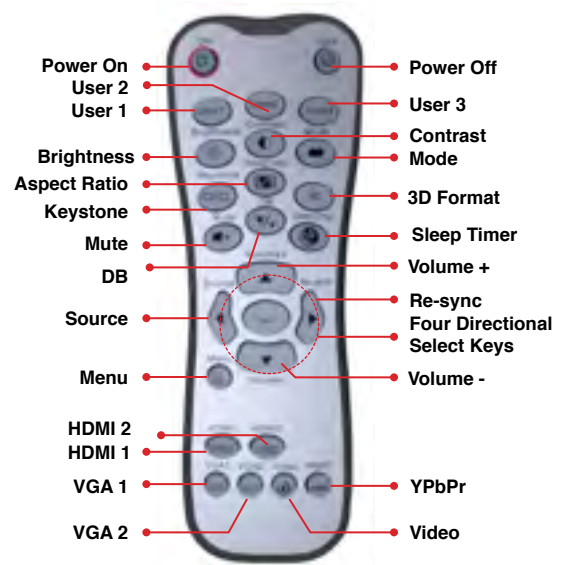
Computer Compatibility	WUXGA, HD, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz 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 adjustments in 22 languages
I/O Connection Ports	Two HDMI (w/MHL), VGA-in, composite video, stereo audio-in, RCA stereo audio-in, stereo audio-out, 12V trigger, RS-232C, USB-A (power), mini-B
Audio	10W speaker

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar and keypad lock
Product Weight	7.7lb (3.49 kg)
Product Dimensions (W x H x D)	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)



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|-----------------|---------------------------|------------------|
| 1. 3D SYNC Out | 6. Mini-B | 11. Power |
| 2. USB-A | 7. 12V trigger | 12. Audio Out |
| 3. VGA-in | 8. RS-232C | 13. Audio-In 1 |
| 4. HDMI 1 (MHL) | 9. Composite video | 14. Audio-In 2 |
| 5. HDMI 2 | 10. Kensington® lock port | 15. Security Bar |



Warranty

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

What's In the Box

HD37 projector, AC power cord, remote control, batteries for remote, lens cap, CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mounts, Optoma screen, DLP® Link™ 3D glasses, RF 3D glasses, RF 3D emitter, wireless HDMI system and Cat6 HDBaseT

Accessory Part Numbers

Lamp: 5811118924-SOT	Remote: 5041846700
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
RF 3D Glasses: ZF2300GLASSES	RF 3D emitter: BC300
DLP® Link™ 3D glasses: ZD302	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extension pole): OCM815W	
Universal ceiling mount: OCM818W-RU	

UPC 796435 81 200 3

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*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 for more information.

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