STUNNING 1080P HOME THEATER PROJECTION
HD27

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

- **3200 lumens and a 25000:1 Contrast Ratio produce bright, vivid colors**
- **Reference Display Mode enables Accurate color via REC.709 HDTV color space**
- **1080p FullHD Resolution delivers stunning HDTV programming, Blu-ray 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 ownership**
- **BrilliantColor™ dazzles with color enhancement**

The Optoma HD27 is an advanced 1080p Home Theater Projector sporting 3200 lumens, 1920x1080 FullHD Resolution, 1.1x Zoom, sRGB support, and 25000:1 contrast ratio. The HD27 is the ultimate Home Theater Projector for watching HDTV programming, latest Blu-ray movie releases, and major sporting events.

The HD27 is the ideal projector for gamers who prefer big screen gaming. Whether you play with Xbox One, PS4, or your personal computer, you'll be impressed with the HD27's advanced optical lens, sharp 1080p graphics, and vivid blacks that produce highly detailed graphics, deep shadows, and astonishing textures. Video and photography enthusiants can use the HD27's sRGB color space to produce rich, accurate color based on the primaries of Rec.709b HDTV specification when used with any sRGB-compatible device including both PC's and Mac's.

HD27 is MHL v1.2-compliant which allows MHL devices such as Optoma's HDCast Pro, Roku Streaming Stick and Smart Phones to connect directly to the projector without the need for an external power source to playback music and video, view pictures and share web pages and other user-generated digital media content with family and friends.

CONNECTIVITY (May require optional accessories)

ProSelecta View :: Compare :: Select - www.ProSelecta.com

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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	3200 lumens
Contrast Ratio	25000:1
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	3.2’ to 32.80’
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	26dB (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 manual switch to high altitude mode @5000 feet & above. 41°F -104°F, Max. Humidity 85%

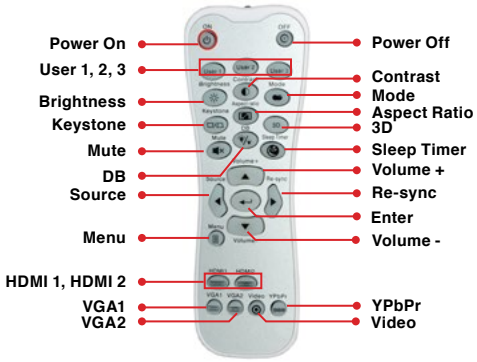
COMPATIBILITY SPECIFICATIONS

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)	11.73" x 3.7" x 9.0"

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



Warranty

1 Year Warranty / 90 Days Lamp

In the Box (Standard Accessories)

HD27 projector, lens cap, AC power cord, remote control, batteries for remote, multilingual CD-ROM, user’s 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
Mount: BM-5001U
RF 3D emitter: BC300
DLP® Link™ 3D glasses: ZD302
Wireless Streaming Stick: HDCastPro-Black
Remote: SP.8ZE01GC01
Carrying case: SP.8VH03GC01
RF 3D glasses: ZF2300GLASSES
Wireless HDMI system: WHD200

UPC 796435 81 249 2

*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.

Optoma