3D HOME THEATER PROJECTOR
HD91+

Superb Performance For The Long Run



- **Set it and forget it – 20,000 hour LED light source maintains brightness and displays consistent grayscale and color for the life of the projector**
- **Impressive motion handling and clarity with PureMotion II and Ultra Detail processing**
- **Ease of installation featuring high quality center mounted 1.9X zoom lens and horizontal / vertical shift**
- **Reference quality 2D and 3D high definition performance**
- **Excellent out-of-box image with multiple pre-set selections, extensive calibration control and ISFccc daytime / nighttime settings**



The top of the line Optoma HD91+ Home Cinema projector will be the ultimate performer in your dedicated home theater for years to come. It displays vivid colors and razor sharp images that hold up even during intense on screen action.

The HD91+ enables superb 2D and 3D viewing. The projector displays life like 3D images from 3D sources and can be set to convert 2D videos to 3D. To view 3D images optional RF emitter and 3D glasses are required.

The LED RGB light source used in the HD91+ will provide amazingly consistent performance for years to come and will require minimal maintenance. In the rare instance when service is required, the HD91+ is covered by our industry leading 3-Year warranty.

CONNECTIVITY (May require optional accessories)



3D HOME THEATER PROJECTOR — HD91+

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	HD (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	1500 lumens
Contrast Ratio	600,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life and Type*	20,000+ hours LED
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° Vertical
Uniformity	>85%
Offset	±60% Vertical, ±10% Horizontal
Aspect Ratio	16:9 Native, 4:3 compatible
Throw Ratio	1.5–2.89 (distance/width)
Projection Distance	4.3'–56.1'
Image Size	30"–300"
Projection Lens	F=2.3~3.39, f=22.56~42.87 mm
Noise Level	23dB
Remote Control	IR backlit remote control
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 225 Watts, Min 120 Watts, <0.5W (standby-ECO)

COMPATIBILITY SPECIFICATIONS

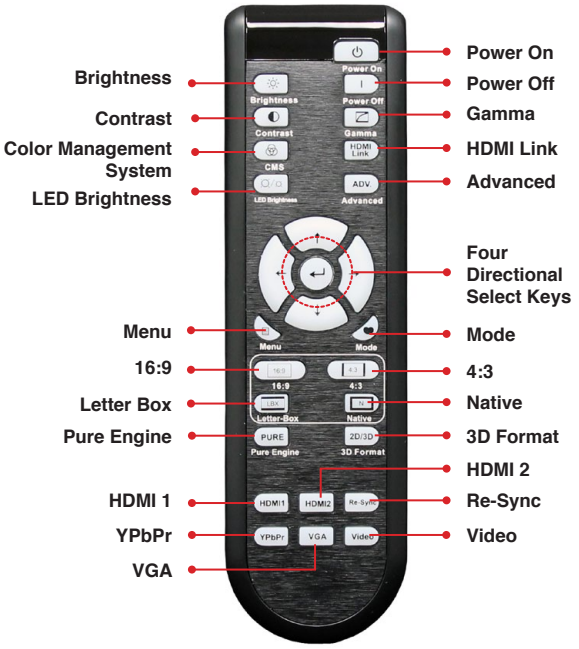
Computer Compatibility	WUXGA, HD, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format
Vertical Scan Rate	24–85Hz, 120Hz–144Hz
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu adjustment in 20 languages
I/O Connection Ports	Two HDMI 1.4a, VGA-in, component, composite video, USB-A (power), RS-232C, two 12V triggers, 3D VESA port

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, and keypad lock
Weight	15.4 lb (7 kg)
Dimensions (W x H x D)	13.6" x 17.4" x 6.4" (345 x 443 x 161.5 mm)



1. HDMI-1
2. HDMI-2
3. VGA-In
4. Component
5. Composite Video
6. RS-232C
7. 12V Trigger-1
8. 12V Trigger-2
9. 3D VESA Port
10. USB-A (power)
11. AC Power
12. Kensington Lock



Warranty

3-Year Optoma Express Service

In the Box (Standard Accessories)

HD91+ projector, AC power cord, remote control, batteries for remote, RF 3D glasses, RF 3D emitter, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

HDMI cable, ceiling mount, component to VGA cable, RS-232 cable, Optoma screen, RF 3D glasses, RF 3D emitter

Accessory Part Numbers

Remote: SP.85F02GC01
VGA to component adaptor: BC-VGCRXY00
RF 3D Glasses: ZF2300GLASSES
Wireless HDMI system: WHD200
Mount: BM-5001U
Power Cord (11M): BC-PUPIXY11
RF 3D emitter: BC300

UPC 796435 81 229 4

www.OptomaUSA.com

Optoma

†3D content can be viewed with RF 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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