



Marvelous brightness and color for Home Cinema

HD 36 is giving your big screen experience a pounding factor



- ▶ Bright vivid Colors - 3000 ANSI Lumens
- ▶ Crystal clarity - 30,000:1 contrast
- ▶ 6-segment Pure RGB Color Wheel
- ▶ Full 3D compatibility with Blu-ray 3D
- ▶ 1.5X Pure Lens
- ▶ Vertical lens shift for installation flexibility
- ▶ Built-in 30-Watt stereo speaker system

home theater
PROJECTOR series

www.optoma.com

HD36

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6 Segments Pure RGB Color Wheel



HD36 is pairing the 6 segment color wheel with the latest DC3 chip, to recreate stunning and vibrant color to your screen. HD36 adapts six separate primary colors (RGBRGB) to produce a new level of color performance and control; to create accurate true to life images.

1.5X Pure Lens

HD36 is equipped with an exceptional all-glass lens, assembled to four groups by 12 lenses; including an Extra-low Dispersion(ED) lens, designed to reduce problems of chromatic aberration and purple flare. Also, the short throw ratio allows projecting 100" big screen within 3 meters.



Personalized Scene

HD36 is offering 7 customization options, by adjusting both the brightness and depth of field, to fit user's viewing preferences.

MODE	Circumstance
Cinema	Focusing on the density of color, set up for movies
Standard	Simulating the most realistic color of films on Rec.709 standard
Vivid	Detailing of color shading, lifelike and more stereoscopic images feeling
Bright	Elevating image performance when using the backlight
Gaming	Amplifying the saturation and details of a CG animation
3D	Strengthening the performance of the three-dimensional contents
ISFcc	Allowing ISFccc certified calibrator to adjust for a high degree of accuracy

30W Speakers

HD36 is offering the most powerful stereo speakers in home theater projecting market. Equipped with powerful 30W subwoofers, which provides HD36 an exceptional sound performing via HDMI and other video entertainment devices; recreate the pounding factor of IMAX Digital Cinema.

3D Technology compatibility with DLP & RF glasses



Using the inherent speed of DLP® technology, HD36 outputs video and images at an astonishing rate of 144Hz, allowing you to show full screen, full color, and stereoscopic 3D. Within DLP® Link™ technology, the 3D glasses synchronize with the image on screen to filter each stream to the correct eye; your brain then combines the two streams to make them jump into life. Furthermore, HD36 has built in with VESA 3D port, is compatible with both DLP and radio frequency 3D glasses. Radio frequency is providing outstanding 3D performance especially for long distance and large venue.

I / O Connections

- 01. RS-232C
- 02. VGA-OUT
- 03. S-VIDEO
- 04. SERVICE
- 05. HDMI
- 06. DVI-D
- 07. VGA1-IN
- 08. VGA2-IN
- 09. VIDEO
- 10. AUDIO3-IN
- 11. 3D SYNC
- 12. AUDIO1-IN
- 13. AUDIO2-IN
- 14. AUDIO OUT
- 15. MIC
- 16. 12V OUT
- 17. KENSINGTON™ LOCK
- 18. USB POWER(5V/1A)



Specification

Resolution	1920 x 1080 (1080P)
Brightness	3,000 ANSI lumen
Contrast Ratio	30,000:1 (Dynamic Black)
Projection Lens	f=20.7~31.1 mm, F/2.42~2.98; 1.5x manual zoom/focus lens
Lens Shift	vertical +115% ~ +132% ±5%
Projection Image Size	30 ~ 500"
Keystone Correction	Vertical ±15° (system)
Speaker	15W x 2 Stereo
Power Supply	Universal AC 100~240 V; 50/60Hz
Dimension / Weight	39.9 x 29.9 x 16.9 cm / 4.5kg

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