



The HD86 offers a new level in performance. Exceptional ANSI contrast, full lens shift and ultra high performance optics with 3 lens options are combined with superlative signal processing featuring PureMotion2 frame interpolation and extensive CMS and colour gamut control. The HD86 is designed to satisfy the requirements of the most demanding home cinema enthusiast or simply those who require the finest possible image.



Pure Performance



HD86



Full HD
1080P



www.themescene.tv

HD86

Featuring our highest grade, hand selected Pure Optics and available in Standard, Long and Short throw options, all with full lens shift, the HD86 provides pin sharp, crystal clear images in any room. An optional Anamorphic Projection Kit provides a unique “fit and forget” fully automated solution for Constant Height projection.

ANSI Contrast

ANSI Contrast¹ is a way of measuring the true “real world” contrast performance you can expect from a projector in your own home. This measurement technique includes a reproducible procedure that can be used to compare the performance of projectors using different display technologies.



High ANSI Contrast



Low ANSI Contrast

Don't be misled by contrast ratio specs – a projector with a contrast ratio specification of , for example, 50,000:1 may well have an ANSI contrast ratio specification significantly lower than the H86. Contrast ratio specifications are typically measured using a “Full On, Full Off” technique. This involves measuring the projector performance when displaying a pure black screen and then a pure white screen. Many believe that “Full On, Full Off” contrast measurements may not depict “real world” performance and may not offer the relevant information needed to determine how a projector will look when you are watching movies in your home. If you want to compare projector contrast specifications look for the ANSI contrast specification.

With an ANSI contrast ratio significantly higher than many LCD based projectors, the HD86 is the only choice for Home Cinema purists that expect ultimate image fidelity in their home.

CMS Colour Control

Choose between 5 preset colour gamuts: HDTV (Rec 709), ITU 601, DLP Cinema, SMPTE-C & Native then fine tune with primary point co-ordinates controls

PureMotion2

The second generation of our Frame Interpolation technology provides fluid natural movement free from judder or motion blurring - improving the resolution and clarity of moving images

Dynamical Black

Second generation high performance iris for controlling the dynamic contrast - enabling content dependant light modulation for high impact viewing

Brightness control

Two lamp power settings and a 9 step manual iris gives unprecedented control over the brightness output enabling it to be tailored for any application

Optoma guarantees colour quality will remain as new for 5 years*

For Home Cinema colour accuracy is critical. We are so confident that, unlike competing technologies, the HD86 colour will not change in use that we have guaranteed it will stay the same as the day you bought it, for at least 5 years.



The HD86 projector based on an all-digital DLP® chip delivers stunning picture quality again and again. Unlike competing analogue technologies, the semiconductor that makes DLP® projection possible is virtually immune to environmental factors that can cause an image to degrade over time.

*Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: *(1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive 3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. * "ANSI Contrast" is a recognised contrast measurement technique as described in the standard IEC 61947-1

DLP®, and the DLP logo are registered trademarks of Texas Instruments. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. All images have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2009, Optoma Europe Ltd.

HD86 Specifications Highlights	
Full HD	Native 1080P (1920 x1080)
ANSI Contrast	700:1 ANSI
Audible Noise	29dB Standard mode
Brightness	1600 ANSI Lumens
Throw Ratio	Standard : 1.54 – 1.93 (1.25x Zoom) Long: 1.93 – 2.9:1 Short: 0.77:1 Anamorphic lens option for fully automated Constant Height Projection
Inputs	3 x HDMI, Component, VGA (PC\SCART), S-video, Composite
Output	2 x 12V OUT (1 programmable)
Video Compatibility	1080P,1080i 720P, PAL, NTSC, SECAM
Dimensions	416x324x143mm
Weight	8 kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details
EAN Number	5060059043767

For full specifications please visit the website at: www.themescene.tv



Optoma Europe Limited
42 Caxton Way, Watford Business Park, Watford, Hertfordshire.
WD18 8QZ

Tel: +44 (0) 1923 691800
Fax: +44 (0) 1923 691888

www.optoma.co.uk

