Optoma



Lights-on
Full HD Entertainment

HD23



The HD23 will project you straight into the front row;
Life-size movie, sports and gaming characters engulf your senses and immerse you in the action.

Utilising the latest DLP® technology, the Optoma HD23 delivers exceptional quality Full HD viewing without dimming the lights.

With 2500 ANSI Lumens you can invite all your friends round any time of day to watch the big match; enjoy your favourite movies or action-packed games, for the ultimate home entertainment experience. Alternatively, use the extra brightness for an extra-large screen for the true cinema experience, right in your own home.

The Optoma HD23 is the ultimate Full HD projector!

Full HD 1080p

BrilliantColor

HD23

24P

Most movies are shot at 24 frames per second. To preserve the purity of the original image the HD23 can accept High Definition sources at 24 frames per second and so to display movies exactly as the director intended.

BrilliantColor™

The HD23 incorporates BrilliantColor™ multi-colour processing technology to bring stunning, vibrant colour to your screen. Using six separate primary and secondary colours to produce a new level of colour performance and control; BrilliantColor™ increases colour brightness by up to 50% over other technologies to create accurate true to life images.

Projection Distance (m)	Min Diagonal Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
2.00	1.27	1.53	60.23
3.00	1.91	2.29	90.34
4.00	2.55	3.06	120.46
5.00	3.19	3.82	150.57
6.00	3.82	4.59	180.68

Into the light...

The staggering brightness of the HD23 enables two exciting prospects:

- Bring your projector out of the dark – Ultra Brightness means the HD23 can be used in environments where the light is not completely controlled, for a lights-on, full HD 1080p Home Cinema experience.
- Bigger is better – Ultra brightness means your screen can be huge. The HD23 can deliver SMPTE standard brightness† on screen sizes of up to nearly 5m - making it suitable for small auditoriums or events with a large audience.



HD23 Connections

1 VGA (PC)
2 Component Video
3 Composite Video
4 HDMI v1.3
5 HDMI v1.3
6 +12V Trigger

HD23 Specifications Highlights	
Full HD	Native 1080p (1920 x1080)
ANSI Contrast**	500:1 ANSI
Dynamic Contrast	5000:1
Audible Noise	29dB
Brightness[1]	2500 ANSI Lumens
Throw Ratio	1.5 ~ 1.8
Lamp Life[2] (ECO)	4000 Hours
Inputs	2 x HDMI, Component, VGA (PC\SCART), Composite
Output	12V OUT for screen triggering
Video Compatibility	1080p, 1080i 720p, PAL, NTSC, SECAM
Dimensions	324 x 234 x 97mm
Weight	2.9 kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details
EAN Number	5060059046102

For full specifications please visit the website at: www.optoma.ae

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HDMI HIGH DEFINITION MULTIMEDIA INTERFACE V1.3 with DeepColor

PICTURE BY DLP TEXAS INSTRUMENTS

† Calculated with the Society of Motion Picture and Television Engineers recommendations of a minimum image brightness of 16 Foot Lamberts. Data used: 2500 Lumens flat white field, 16:9 screen diagonal with a gain of 1.0

[1]Brightness and lamp lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. [2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. ** "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 © 2011, Optoma Europe Ltd.

V1 - 2012/11