HD73 | Home Theater Projector

FEATURES

- **DarkChip3 DLP** technology
- **1100 lumens with a 6000:1** contrast ratio (in ImageAI™ mode)
- **Faroudja DCDi™** image optimization
- **BrilliantColor™** technology
- **TrueVivid™** color enhancement
- **Wide angle zoom lens** with throw ratio of 1.58-1.90:1
- Light shield design and **ultra-quiet operation**
- **Dual digital** HD connectivity (DVI-I and HDMI)
- **5x color wheel** to give superior color spectrum

HD73 – The Next Level of 720p Excellence

The Optoma HD73 is a native 720p home theater projector that offers amazing performance and picture quality. Based on Texas Instruments' DarkChip3™ DLP® chipset, the HD73 also features the latest color processing technologies that deliver higher brightness and more vibrant colors to the projected image. At 1100 lumens and a 6000:1 contrast ratio (with ImageAI™), the Optoma HD73 takes the high-definition home theater projector to a higher level.

Optoma

www.OptomaUSA.com

HD73 | Home Theater Projector

SPECIFICATIONS

Display Technology	Single 0.65" DarkChip3™ DLP® Technology by Texas Instruments
Brightness (Typical)	1100 Lumens
Weight	7 lbs (3.2 kg)
Resolution	WXGA (1280 x 768)
Maximum Resolution	UXGA (1600 x 1200), 1080p (1920 x 1080)
Dimensions (W x H x D)	13.56" x 3.72" x 9.67" (344 x 94 x 246 mm)
Contrast Ratio	6000:1 in ImageAI™ Mode and 4500:1 (Full On/Full Off)
Noise Level	27dB (STD)
Lamp Type / Life	220W UHP / 3000 Hours (STD)
Image Optimization	Faroudja DCDi™
Image Size (Diagonal)	28" - 304" (0.7 - 7.7 m)
Projection Distance	3.9' - 39' (1.2 - 11.9 m)
Computer Compatibility	UXGA, SXGA+, WXGA, XGA, SVGA, VGA Compression, VESA Standards, PC and Macintosh Compatible
Video Compatibility	NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), HDTV (720p, 1080i/p)
Aspect Ratio	16:10 Widescreen Native with Support for 4:3 and 16:9
Projection Lens	F/2.5~2.8, f = 22.25~26.69mm, 1.2x Manual Focus/Digital Zoom
Keystone Correction	Horizontal and Vertical
Throw Ratio	1.58 to 1.90:1 (Distance/Width)
Vertical Refresh Rate	43 to 85 Hz
Power Supply	100 - 240 Volts, 50-60 Hz
Power Consumption	285W ± 10% Full Power, < 13W Standby Power
Operating Temperature	Operating: 5 - 35°C, 80% Humidity (Max.) Storage: -20 - 60°C, 80% Humidity (Max.)
Displayable Colors	10-bit per Channel Color Processing
Projection Method	Front, Rear, Ceiling Mount, Table Top
Uniformity	90%
I/O Connectors	HDMI, DVI-I w/HDCP, Component Video, Composite Video (RCA), S-Video, RS-232, Two IR Receivers, +12V Trigger
Security	One Kensington® Lock Port
Standard Accessories	Composite Video Cable, S-Video Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Quick Start Guide, Warranty Card and Power Cord
Warranty	2 Years Limited Parts and Labor with a Zero Dead Pixel Policy, 90 Days on Lamp
Optional Accessories	Ceiling Mount Kit, GrayWolfII™ Series Screens, DVI to DVI Cable, HDMI to HDMI Cable, Carrying Case and Extended Warranty
UPC	796435 21 996 3

PROJECTION DISTANCE/IMAGE SIZE

Projection Distance (feet)	Maximum Diagonal (inches)	Minimum Diagonal (inches)
6	52.28	43.48
8	69.71	57.97
10	87.14	72.46
12	104.57	89.96
14	122.00	101.45
16	139.42	115.94
18	156.85	130.44

Image and color enhancement technologies

BrilliantColor™ Technology

With the new advanced, 10-level BrilliantColor color-processing system, the projector delivers higher brightness and more vibrant scenes while providing truer, more stunning colors to the picture.

TrueVivid™ Image Processing

With TrueVivid image processing, the picture quality is enhanced for veritable video fidelity, including better depth and adds a deeper 3D look to any image.

ImageAI Image Artificial Intelligence
auto adjusting light intensity output

HIGH LUMENS ALONE

HIGH CONTRAST ALONE

ONLY ImageAI™ GIVES YOU BOTH!

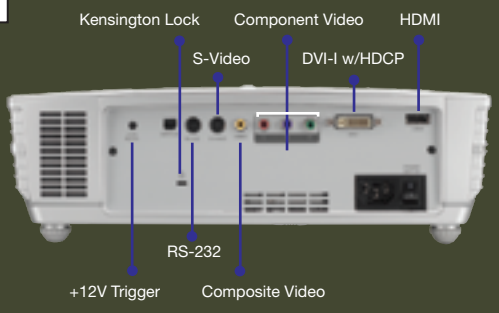
HIGH 1100 LUMENS
for amazing clarity in light image areas...

PLUS

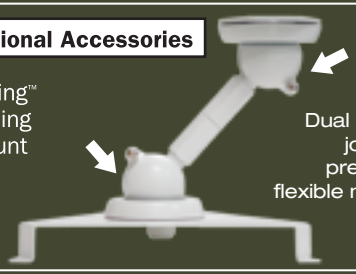
HIGH 6000:1 CONTRAST
for details in dark areas and shadows

ImageAI™ "Image Artificial Intelligence", Optoma's auto adjusting light intensity output, delivers an amazing **1100 lumens AND 6000:1 contrast ratio!**

I/O Ports



Optional Accessories



AVAILABLE AT

Dimensions

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