

HD72 - Home Theater Projector

Great Quality...Great Value...Great Performance

The Optoma HD72 projector is a true 720p, high-performance projector for home theater enthusiasts. The HD72 features unique color processing technologies to deliver higher brightness and provide truer, more vibrant colors to the projected picture. And, with 10-bit per channel color processing, a 7-segment color wheel and its 5000:1 contrast ratio, the Optoma HD72 DLP® home theater projector delivers great color saturation and subtle color details for the best image quality.



Features

- True High Definition 720p home theater projector
- 1300 lumens with 5000:1 contrast ratio in ImageAI™ mode
- Native pixel-to-pixel matching for 720p HDTV and 4:3 XGA computer display
- ImageAI - Auto Adjusting light intensity output delivers amazing contrast
- 7 segment color wheel for detailed color reproduction
- Input connectors: DVI, HDMI, RCA component, composite, s-video
- Light shield design and ultra-quiet 27dB operation



Specifications

Brightness (Typical)
1300 Lumens

Resolution
Native WXGA (1280 x 768)

Maximum Resolution
PC: UXGA (1600 x 1200)
Video: 1080p (1920 x 1080)

Contrast Ratio
5000:1 in ImageAI Mode
3500:1 (Full On/Off)

Lamp Life and Type
3000 Hours (STD), 220W UHP

Image Optimization
Faroudja DCI™

Display Type
Single 0.65" DarkChip2™ DLP®
Technology by Texas Instruments

Throw Ratio
1.58 to 1.90 (Distance/Width)

Projection Distance
3.9' to 39' (1.2 to 11.9 m)

Image Size
28" to 304" (0.7 to 7.7 m)

Aspect Ratio
16:10 Widescreen Native with
Support for 4:3 and 16:9

Displayable Colors
10-bit per Channel Color Processing

Remote Control
22 Function IR Remote with
Direct Source Selection

Computer Compatibility
UXGA, SXGA+, WXGA, XGA,
SVGA, VGA, VESA Standards,
PC and Macintosh Compatible

Video Compatibility
NTSC, PAL, SECAM, HDTV
(720p, 1080i/p)

Projection Lens
F/2.5~2.8, f=22.25~26.69 mm
1.2x Manual Focus/Digital Zoom

User Controls
Advanced Adjustability Options
Through the On-Screen Display

I/O Connection Ports
HDMI, DVI w/HDCP, Component
Video, Composite Video (RCA),
S-Video, RS-232, Two IR
Receivers, +12V Trigger

Projection Method
Front, Rear, Ceiling Mount,
Table Top

Keystone Correction
Horizontal and Vertical

Vertical Refresh Rate
43 to 85 Hz

Weight
7 lbs (3.2 kg)

Dimensions (W x H x D)
13.56" x 3.72" x 9.67"
(344 x 94 x 246 mm)

Noise Level
27dB (STD)

Operating Temperature
5 to 35°C, 80% Max Humidity

Storage Temperatures
-20 to 60°C, 80% Max Humidity

Power Supply
100-240 Volts, 50 to 60 Hz

Power Consumption
285W ±10% Full Power, <13W
Standby

Standard Accessories
AC Power Cord, Composite Video
Cable, S-Video Cable, Remote
Control, Batteries for Remote,
Lens Cap, User's Manual, Quick
Start Guide and Warranty Card

Optional Accessories
Ceiling Mount Kit, GrayWolf™
Series Screens, Carry Case,
Extended and Gold Service
Warranty

Warranty
2 Years Limited Parts and Labor,
90 Days on Lamp

UPC
796435 11 589 0