

H56

Digital Cinema DDR DLP™ Projector

Optoma's home theater projectors represent quality engineering and a new life style. They are designed and fine-tuned specifically for use in your home theater. The projector is formatted for wide screen HDTV and reveals deep, rich colors, defining images in vivid details for the ultimate home theater experience. Projecting large images that liberate your senses, Optoma's Home Theater projector defy the conventional constraints of projection viewing, illuminating impressive blacks and color reproduction. Balancing sleek aesthetic form with home theater function, Optoma brings it home, a new life style.



Advanced DDR DLP™ (Digital Light Processing) Technology

- ◆ Fully HDTV compatible with 480i/p, 720p, 1080i
- ◆ Excellent contrast ratio of 2000:1 gives you precise, vivid colors and unyielding blacks with exact color reproduction and immense depth of field.
- ◆ Optoma's adjustable color matrix regulates reds, greens and blues independent of one another.
- ◆ Near-silent 32 dB enables you to quietly watch your favorite movies without interfering with the sound quality you would expect from home theater.



Specifications

Brightness:

1000 ANSI Lumens

HDTV:

480i, 480p, 576i, 576p, 720p, 1080i

Resolution:

1024 x 768 XGA

Contrast Ratio:

2000:1 (Full On / Full Off)

Lamp:

 200W UHP lamp
2,000 hours

Display Type:

0.7" Double Data Rate Digital Light Processor

Color Palette:

16.7M colors

Throw Ratio

2.0 - 2.4

Image Size:

23.4" - 246" diagonal

Projection Distance:

3.7' to 32.8'

Compatibility:

 XGA, SVGA, VGA, VESA, Mac, SXGA compression
Full NTSC/PAL/SECAM

Horizontal Scan Rate:

15 ~ 100 kHz

Vertical Refresh Rate:

43 ~ 120 Hz

User Controls:

 Complete on-screen menu
Adjustments

I/O:

DVI, RGB HD15, Mini Din S-Video, RCA Composite, RS-232, 12V Screen Trigger

Power Consumption:

320 watts (max.)

Power Supply:

 AC Input 90 ~ 260V, Auto-Switching
Power Supply

Projection Lens:

F/2.44 ~ 2.69, f = 28.8 ~ 34.5mm

1:1.2 manual zoom and focus

Temperature:

Operating Temp:

10° ~ 40° C / 50° ~ 104° F

Humidity 80% maximum

Storage Temp:

-20° ~ 60° C / -4° ~ 140° F

Humidity 80% maximum

Weight:

6.4 pounds (2.9 kg)

Dimensions (W x H x D):

 10.9 x 3.3 x 8.9 inches
(277 x 85 x 255 mm)

Limited Warranty:

Three year, limited parts and labor

Optional Accessories:

 Extended Warranty
Gold Service
Ceiling Mount Kit