

H56

Digital Cinema DDR DLP™ Projector

Optoma's home theater projectors represent quality engineering and a new lifestyle. Rather than simply updating a data projector with home theater features, Optoma specifically designed and fine-tuned the H56 for home theater use. It reveals deep, rich colors, and displays impressive black levels to define images in vivid detail for the ultimate home theater experience. It displays high definition formats at optimal resolutions so you always get the best picture quality. Balancing sleek aesthetic form with home theater function, Optoma brings the movie theater into the comfort of your own home.



Advanced Double Data Rate Digital Light Processing™ Technology from Texas Instruments

- ◆ Fully HDTV compatible with 480i/p, 720p, 1080i
- ◆ 2000:1 contrast ratio is typically twice that of a professional movie theater
- ◆ Optoma's adjustable color matrix regulates reds, greens and blues independently
- ◆ Five-speed, six-segment color wheel
- ◆ Whisper quiet 32 dB lets you hear the movie and not the projector



Specifications

Brightness:

1000 Lumens

Resolution:

1024 x 768 XGA

HDTV:

480i/p, 720p, 1080i

Contrast Ratio:

2000:1 (Full On/Full Off)

Lamp Type and Life:

2,000 hour, 200W UHP lamp

Display Type:

0.7-inch Double Data Rate DLP™ technology from Texas Instruments

Color Palette:

16.7 million colors

Throw Ratio

2.0 - 2.4:1

Image Size (diagonal):

23.4 to 246 inches

Projection Distance:

3.7 to 32.8 feet

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 onscreen menu adjustments in nine languages

I/O:

DVI, VGA, S-Video, RCA Composite Video, RS-232, 12V Screen Trigger

Power Consumption:

 320 watts (maximum)
 <35 watts (standby mode)

Power Supply:

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

Projection Lens:

 F/2.44 ~ 2.69, f = 28.8 ~ 34.5 mm
 1:1.2 manual zoom and focus

Temperature:

 Operating Temperature:
 32° ~ 104°F (0° ~ 40°C)
 Humidity 80% maximum
 Storage Temperature:
 14° ~ 140°F (-10° ~ 60°C)
 Humidity 80% maximum

Weight:

6.4 pounds (2.9 kg)

Dimensions (W x H x D):

 10.9 x 8.9 x 3.3 inches
 (277 x 226 x 85mm)

Limited Warranty:

Three year, limited parts and labor

Optional Accessories:

 Extended Warranty
 Gold Service
 Ceiling Mount Kit