

HD80 Home Theater Projector

The Essential 1080p Home Theater Solution

The Optoma HD80 is a true 1080p DLP® home theater projector with studio-grade resolution and best all-around high-quality display experience for home theater enthusiasts. The HD80 delivers higher brightness and provides truer, more vibrant colors to the projected picture, and features BrilliantColor™, Texas Instruments' color processing technology. With an amazing 10,000:1 contrast ratio, the Optoma HD80 delivers great color saturation and subtle color details for the best image quality.



Features

- 1080p DMD DLP technology by Texas Instruments
- Native 1080p (1920 x 1080) resolution
- 1300 lumens and a 10,000:1 contrast ratio with ImageAI-II™ and Auto-Iris
- HD80's advanced three-stage video processing system offers powerful and personalized adjustment options at each stage: decoding, image enhancement, color reproduction enhancement



Specifications

Brightness

1300 ANSI Lumens

Resolution

Native 1080p (1920 x 1080)

Contrast Ratio

10,000:1 (Max)

ANSI Contrast

518:1

Image Processing

Motion Adaptive 480i, 576i and 1080i De-Interlacing, Advanced 3D Comb Filter, Advanced Noise Reduction and Sharpening

Color Management

10-Step Gamma, User Definable Mode for Different Input and Resolution Plus ISFccc Color Settings

Iris Control

16 Step Iris System

Lamp Life and Type

3000 Hours, 300W UHP

Display Type

Single 0.95" 1080p DMD DLP Technology by Texas Instruments

Color Wheel

6x 7-Segment

Throw Ratio (Distance/Width)

1.85-2.22:1 w/o Anamorphic Lens
1.38-1.66:1 w/Anamorphic Lens

Aspect Ratio

Native 16:9, Fully Automatic 2.35:1 w/Anamorphic Lens

Offset

136%

Projection Distance

4.92' to 32.8' (1.5 to 10 m)

Image Size

30" to 300" (0.8 to 7.6 m)

Keystone Correction

±5° Vertical

Displayable Colors

16 Million

Uniformity

90%

Computer Compatibility

SXGA, XGA, SVGA, VGA, VESA, PC and Macintosh Compatible

Video Compatibility

Full NTSC, PAL, SECAM, True HDTV (720p, 1080i/p), 480i/p, 576i/p

Projection Lens

F=2.6-2.82; f=39.12-46.94mm, 1.2x Manual Zoom and Focus

I/O Connection Ports

Two HDMI, DVI w/HDCP, S-Video, Composite Video, Component Video, RS-232, +12V Trigger

Security

One Kensington® Lock Port

Weight

10 lbs (4.5kg)

Dimensions (W x H x D)

16" x 4.6" x 12.2"
(406 x 117 x 310 mm)

Noise Level

32dB

Storage Temperature

-7 - 140°F (-20 - 60°C), 80% Humidity

Operating Temperature

41 - 95°F (5 - 35°C), 80% Humidity

Power Supply

AC Input 90-264V, 50-60 Hz

Power Consumption

430W, < 12W Standby Mode

Warranty

2 Years Limited Parts and Labor, 1 Year on Lamp

Standard Accessories

AC Power Cord, Composite Video Cable, RS-232 Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Warranty Card and Quick Start Guide

Optional Accessories

Anamorphic Lens/Sled Kit, Ceiling Mount, GrayWolfII™ Series Screens and Gold Service Warranty

UPC

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