

HD7300 Home Theater Projector

The Optoma HD7300 Projector and Video Processor Combination Equals the Finest in 720p Picture Quality.

The Optoma HD7300 is a top-of-the-line 720p DLP® home theater projector and a studio-quality imaging processor. Featuring Texas Instruments' DarkChip3™ technology, the HD7300 is a unique two-piece projection system which creates vibrant, vivid images, rich in color and contrast. The HD7300's two-piece design delivers an impressive, personalized adjustment setting to achieve deep blacks, high precision, and high-contrast image quality.



Features

- Advanced 720p DarkChip3 DLP technology by Texas Instruments
- Bright 1000 lumens and 5000:1 (full on/off) contrast ratio delivers subtle details and vibrant images
- 4-way optical lens shift (vertical and horizontal), allows for ease and precision during projector installation
- Extensive connectivity options through image processor includes, three HDMI plus one external HDMI expansion, two BNC component YPbPr/RGBHV, two component, three S-Video, three composite video, one VGA, RS-232, two 12V triggers, one IR port expansion
- 10-bit video processing and advanced color enhancement, including user definable gamma, RGBCYM 6-color, 15 region adjustments and ISF 3C color setting
- Single cable connection between projector and image processor eliminates the need for multiple cables, simplifying the installation
- Short throw lens capable of projecting 100" diagonal image from less than 10 feet



Specifications

Brightness (Typical)
1000 Lumens

Resolution
720p Native (1280 x 720)
UXGA (1600 x 1200) Compression

Contrast Ratio (Full On/Off)
5000:1

Image Processing
Motion Adaptive 480i, 576i, 720p and 1080i De-Interlacing, 10-bit Image Processing, Advanced 3D Comb Filter, Three Presets Plus Three Programmable Display Formats, Advanced Noise Reduction and Sharpening

Color Management
User Definable Gamma, RBGCMY 6-Color 15 Region Adjustment, Three User Definable Modes Plus ISF 3c Color Settings

Lamp Life and Type
3000 Hours, 250W UHP

Display Type
DarkChip3 0.80" DLP by Texas Instruments

Throw Ratio (Distance/Width)
1.30:1 – 1.62:1

Image Size (Diagonal)
30" to 300" (0.76 to 7.62 m)

Lens Shift
Horizontal and Vertical

Projection Distance
4.92' to 37.40' (1.5 to 11.4 m)

Compatibility
SXGA, XGA, SVGA, VGA, Full NTSC/PAL/SECAM, VESA, Macintosh, PC, True HDTV (720p, 1080i/p) & 480i/p, 576i/p

Communications
RS-232 Controls

User Controls
Advanced Adjustability Offered Through Onscreen Display Menus

I/O Ports
Video Processor: Three HDMI Plus One External HDMI Expansion, Two BNC Component YPbPr/RGBHV, Two Component, Three S-Video, Three Composite Video, One VGA, RS-232, Two 12V Triggers, One IR Port Expansion

Projector: DVI w/HDCP, Two Component Video, Composite Video (RCA), S-Video, RGB, RS-232, Dual IR Receivers

Power Consumption
370 Watts,
<5 Watts in Standby Mode

Power Supply
AC Input 100 to 240 Volts, 50-60 Hz

Projection Lens
f=24.0 – 30.1 mm, F/2.36-2.50

Noise Level
32 dB

Operating Temperature
23 - 95°F (-5 - 35°C),
80% Maximum Humidity

Storage Temperature
-7 - 140°F (-20° - 60°C),
80% Maximum Humidity

Weight
Projector: 14 lbs (6.2 kg)
Video Processor: 8 lbs (3.6 kg)

Dimensions (W x D x H)
Projector:
13.5" x 12.5" x 5.6"
(342 x 320 x 144 mm)
Video Processor:
16" x 12" x 5.5"
(406 x 304 x 139 mm)

CEDIA Features
ISF 3C, Discrete IF Commands (On/Off, Sources, Formats, User Settings), External IR Input Pod, RS-232 Control, Programmable 12V Trigger

Warranty
Three Years Limited Parts and Labor

Standard Accessories
AC Power Cord, DVI to HDMI Cable, S-Video Cable, Composite Cable, Remote Control, Lens Cap, Two Batteries for Remote, User's Manual, RS232 Cable, IR Expansion

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

UPC
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