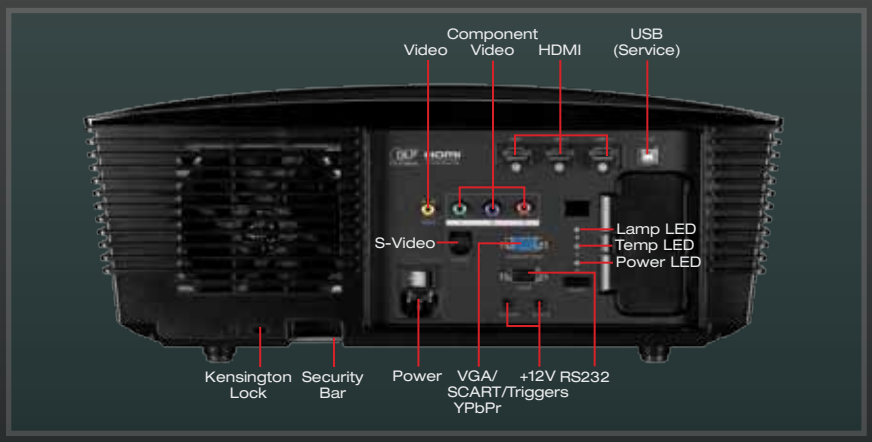
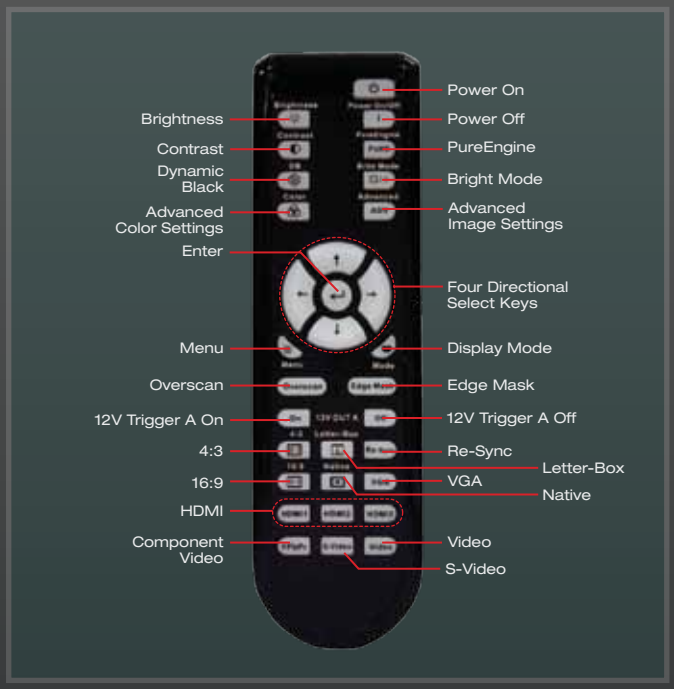
Optoma

HD8600 | Home Theater

Performance & Versatility without Peer





The Optoma HD8600 is bright, bold and driven to perfection by Optoma's PureEngine 2 image processing technologies. Movie aficionados will be astounded at how the HD8600's exclusive PureMotion2 processing seamlessly adapts film content with remarkably smooth motion and depth. Comprised of ED glass elements optically matched by our experienced engineers, the HD8600's three lens options coupled with full lens shift optimize installation for a variety of environments. The all-new comprehensive Color Management System allows powerful adjustments of the HD8600's extensive color gamut. Certified technicians can perfect the setup using ISFccc Day and Night modes. The Optoma HD8600 sets a new standard for home theater excellence.

HD8600 FEATURES

- PureMotion2 processing ensures images are smooth and judder-free for greater realism
- Latest 1080p DarkChip3™ DLP® technology by Texas Instruments
- Features full lens shift for flexible projector placement
- Three lens choices, all with PureOptics (Extra Low Dispersion glass lens elements for brighter, sharper images), create a wide range of installation options
- 1600 ANSI lumens and a 50,000:1 contrast ratio with DynamicBlack
- Full function, backlit remote with discrete IR codes and secondary convenience remote
- ISF Certified Calibration Controls, with Day and Night modes

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Specifications

Display Technology:	Single 0.65" 1080p DarkChip3™ DLP® Technology by Texas Instruments
Resolution:	Native 1080p (1920 x 1080)
Brightness (Typical):	1600 ANSI Lumens
Contrast Ratio:	50,000:1 (Max) w/ Dynamic Black
Image Processing:	True 10-Bit Full HD Processing, 3 Stage Optoma Image Processing
Iris Control:	DynamicBlack Techology, Programmable 9-Step Lens Iris
Lamp Type:	280W P-VIP
Lamp Life (STD/Bright)*:	Estimated at 3000/2000 Hours
Noise Level:	29dB
Remote Control:	Backlit Remote Control with Discrete IR Codes for Power and Source Selection, Magnetically Attached Convenience Remote
Computer Compatibility:	HD, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible
Video Compatibility:	True HD (1080i/p, 720p), EDTV (480p/576p), NTSC, PAL, SECAM
Aspect Ratio:	Native 16:9, Fully Automatic 2.35:1 with Optoma Anamorphic Lens
User Controls:	Complete On-Screen Menu Adjustments in 22 Languages
Keystone Correction:	± 5° Vertical
Lens Shift:	Vertical 30~110% Offset (80% Image Height Shift Range) Horizontal ±5% Image Width
Power Supply:	AC Input 100 - 240V, 50-60 Hz, Auto-Switching
Power Consumption:	390 Watts (Bright), 335 Watts (STD), <1 Watt (Standby)
Weight:	19.0 lbs (8.6 kg) w/o Lens
Dimensions (W x H x D):	16.9" x 6.5" x 13.4" (430 x 164 x 340 mm)
Operating Temperature:	41 - 104°F (5 - 40°C), 85% Max Humidity, Adjustable Fan Speed for High Altitude Application
Displayable Colors:	1.07 Billion
Projection Method:	Front, Rear, Ceiling Mount, Table Top
Uniformity:	85%
Security:	One Kensington® Lock Port, Security Bar
I/O Connectors:	Three HDMI, Component Video, S-Video, Composite Video, RS-232 and Two +12V Triggers
Standard Accessories:	AC Power Cord, Composite Video Cable, Remote Control, Secondary Convenience Remote, Batteries for Remote, Dust Cap, User's Manual, Quick Start Card and Warranty Card
Optional Accessories:	Ceiling Mount, HDMI Cable, VGA Cable, S-Video Cable, Component Cable, Lens Throw Options, Anamorphic Lens Kit and Panoview™ Series Screens
Warranty:	3 Years Optoma Express Replacement Service, 2 Years on Lamp
UPC:	796435 81101 3

Home-HD8600-1210

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* Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

Lens Throw Options (PureOptics)

	Standard Throw Lens	Long Throw Lens	Short Throw Lens
Throw Ratio (Distance/Width)	1.54 to 1.93:1	1.93 to 2.90:1	0.77:1
Projection Distance	4.9' to 23.0 (1.5 to 7m)	6.6' to 65.6' (2 to 20m)	1.6' to 9.8' (0.5 to 3m)
Image Size (Diagonal)	34.3" to 200" (0.87 to 2.08m)	30.0" to 457" (0.76 to 11.61m)	34.3" to 200" (0.87 to 5.08m)
Projection Lens	F=2.46-2.56, f=22.8-28.5 mm, 1.25x Manual Zoom and Focus	F=2.5-3.1, f=28.5-42.75 mm, 1.5x Manual Zoom and Focus	F=2.5, f=11.5 mm, Manual Focus
Weight w/Projector	19.8 lbs (9.0 kg)	19.8 lbs (9.0 kg)	20.0 lbs (9.1 kg)
Part Number	BX-DL200	BX-DL300	BX-DL080

TRUE HD 1080p

Zero Dead Pixels

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

isf

RoHS COMPLIANT

BrilliantColor

DLP TEXAS INSTRUMENTS

Available only at AVAD

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