

Optoma Starts Shipping the HD81, its Distinctive Two-Piece 1080p Home Theater Projection System

Denver , CO (Sept. 14, 2006) – Optoma, one of the leading manufacturers of digital projection and display devices, today announced the shipping of its HD81 home theater projection system. The HD81 is a distinctive two-piece projection system that includes a native 1080p DLP® projector and a video enhancement processor. Featuring the DLP DarkChip3™ DMD chipset and BrilliantColor™ technology, along with the video enhancement processor, the HD81 delivers remarkable color saturation and subtle details for the best in 1080p image quality. The HD81 offers the best, all-around, high-quality display experience for home theater enthusiasts.

The Optoma HD81 has the same resolution of modern digital movies, offering an amazing home theater experience. If the home does not have a true 1080p source, the HD81's studio-grade professional video/color enhancement processor, with its motion adaptive HD/SD de-interlacer, will flawlessly convert the content to 1080p.

The HD81's video enhancement processor delivers an advanced three-stage process flow (decoding, image enhancement and color reproduction enhancement) that offers impressive, personalized adjustment settings at each stage.

This projection system features an active 16-step, auto-Iris function that boosts the contrast ratio up to 10,000:1. With 10-bit color per channel color processing and a 7-segment color wheel, the Optoma HD81 delivers great color saturation and subtle color details for the best image quality.

The HD81 highlights Texas Instruments' BrilliantColor color processing technology to deliver higher brightness and provide truer, more vibrant colors to the projected picture. With its 10-bit color per channel color processing, a 4x, 7-segment color wheel and an amazing 10,000:1(full on/off) contrast ratio, the Optoma HD81 DLP home theater projection system is able to deliver impressive color saturation and subtle color details for the best in image quality.

With its new industrial design, the HD81 lowers the noise level usually associated with other typical home theater projectors. The patent pending tunnel cooling system is designed for near-silent operation with minimal light leakage.

Specifications:

Display Technology	Single 0.95-inch DarkChip3™ DLP® Chipset
Brightness (typical)	1400 Lumens with a 300W Lamp
Resolution	1080p Native, with 1080i HD De-interlacing and Color Management
Image scaler	Gennum VXP Solutions
Color Management	RGBCYM 6-Color, 16-Region Adjustment
Video Compatibility	NTSC, PAL, SECAM, HDTV (720p, 1080i), EDTV (480p), SDTV (480i, 576i/p)
Aspect Ratio	16:9 native, 4:3 compatible
I/O Connectors	Three HDMI™ + One External HDMI Expansion, Two RBGHV/Component (BNC), Two RCA Component, Three S-Video, Three Composite, One VGA (RGB /YPbPr/SCART), Two RS-232, Two 12V Trigger, One IR port extension
CEDIA certification	ISFccc certification

The two-piece design of the HD81 eliminates the need for multiple cables; all that is needed for the projector to be connected is a single HDMI video cable and a single control cable. With the image enhancement box's extensive inputs, there are more than enough connections to up-convert sources to 1080p for optimal viewing.

The Optoma HD81 home theater projection system is available now for an estimated street price of \$6,999 through authorized Optoma dealers.