

PLANARTM

PD8130 PD8150 **HOME THEATER PROJECTORS**





Experiences beyond mere satisfaction.

There is now a line of home theater products from a company as passionate about excellence as you are. Introducing Planar's complete line of home theater projectors, thin displays, and the pioneering Xscreen front-projection screen. It's as if your wish list somehow made it into our hands, where innovation, performance, and affordability skillfully coexist. With 25 years of engineering prowess in specialty display markets, from medical to commercial to industrial, Planar is pouring years of proficiency into a complete home theater line. The result is an experience far beyond mere satisfaction. Rather, Planar provides the very means by which all your senses will revel in wonder. Available exclusively through specialty home theater partners worldwide, Planar's projectors were designed with your exact needs in mind.



PD8130

Warning: This projector may cause shortness of breath.



Gasping in awe is one of many symptoms of a 10,000:1 contrast, 1080p DLP®, and 1,000 lumens. In fact, given this projector's unparalleled depth and brightness, heart palpitations also commonly occur. Now add a piano-black ID as discerning as your particular taste, two lens options, vertical lens shift, future-proof connectivity, VXP video, and darkroom optimized remote, and you can count on persistent, overwhelming side effects. Caution: Turning green is a common side effect amongst friends.

- 1080p DLP® with DynamicBlack™
- Vertical lens shift
- 1,000 lumens; 10,000:1 contrast
- 2 HDMI V1.3 inputs
- Long throw lens
- Revolutionary, proprietary HD PIP and PBP functionality

PD8150

Thou shalt not covet™ just got a lot harder.



It takes only one viewing of this luminous projector, with its 15,000:1 contrast ratio, 1080p DLP, and 1,000 lumens, and the coveting wholeheartedly begins. Particularly once you add the piano-black ID, designed to flatter your good taste as well as your room, plus a rich array of impressive features including two lens options, horizontal and vertical lens shift, future-proof connectivity, VXP video, and a darkroom-optimized remote. Warn your family and friends. This projector is the stuff jealousy is made of.

- 1080p DLP® with DynamicBlack™
- Horizontal & Vertical lens shift
- 1,000 lumens; 15,000:1 contrast
- Enhanced connectivity with:
 - 2 HDMI V1.3 inputs
 - 2 Component inputs (RCA & BNC)
- Revolutionary, proprietary HD PIP and PBP functionality

PRODUCT SPECIFICATIONS

	PD8130	PD8150
SIGNAL COMPATIBILITY		
Video Support:	HDMI and DVI with HDCP for digital video, Component and RGB HDTV (1080p, 1080i, 720p), Component and RGB EDTV (576p, 480p), Component, Composite and S-Video SDTV (576i, 480i), RGB SCART with adapter, NTSC (M,4.43), PAL (B,G,H,I,N,M), SECAM (M)	HDMI and DVI with HDCP for digital video, Component and RGB HDTV (1080p, 1080i, 720p), Component and RGB EDTV (576p, 480p), Component, Composite and S-Video SDTV (576i, 480i), RGB SCART with adapter, NTSC/NTSC 4.43, PAL (B,G)/(D,K)/I/M/N, SECAM
Computer Support:	HDTV, Computer up to 1920 x 1080, Macintosh*	Digital and Analog up to 1920x1080 @ 60Hz, Macintosh*
Communication:	RS-232 (discrete commands and SW upgrades), wired IR repeater, screen triggers, on-board keypad	RS-232 (discrete commands and SW upgrades), IR remote, on-board keypad
Connectivity	(2) HDMI V1.3 with HDCP: HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection), DVI via adapter (1) Component (3 x RCA, gold): HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included) (1) RGB (HD15): HDTV, RGBHV, YUV, EDTV (1) S-Video (4-pin mini-DIN): SDTV (1) Composite (RCA, gold): SDTV (1) 3.5mm mini jacks: 12V (+/-1.5V) screen trigger (250 mA), programmable (1) 9 Pin D-sub: RS-232 for discrete control and SW upgrades (1) 3.5mm mini jack: IR input for Niles/Xantech compatible IR repeater systems	(2) HDMI V1.3 with HDCP: HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection), DVI via adapter (1) Component (3 x RCA, gold): HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included) (1) RGB (HD15): HDTV, RGBHV, YUV, EDTV (1) S-Video (4-pin mini-DIN): SDTV (1) Composite (RCA, gold): SDTV (2) 3.5mm mini jack: 12V (+/-1.5V) screen trigger (250mA) (1) 9 pin D-sub: RS-232 for discrete control and SW upgrades (1) 3.5mm mini jack: IR input for Niles/Xantech compatible IR repeater systems
PERFORMANCE		
Microdisplay:	Texas Instruments DLP* 1080p DMD	Texas Instruments DLP* 1080p DMD
Native Resolution:	Full HD, 1920 x 1080 (2,073,600 pixels)	Full HD, 1920 x 1080 (2,073,600 pixels)
Aspect Ratios:	Native (Pixel-to-Pixel), 16:9, Letterbox, 4:3, 4:3 narrow, Letterbox (Anamorphic lens compatible)	Native (Pixel-to-Pixel), 16:9, Letterbox, 4:3, 4:3 narrow, Letterbox (Anamorphic lens compatible)
Projection Lens:	All glass, F/2.5~2.71, f = 39.1~50.1mm, 1.3x manual zoom, made in Japan	All glass, F/2.5~2.71, f = 39.1~50.1mm, 1.3x manual zoom, made in Japan
Throw Ratios:	1.85 ~ 2.40 (distance/width) – Standard lens	1.85 ~ 2.40 (distance/width) – Standard lens 1.56 ~ 1.86 (distance/width) – Optional short throw lens
Lens Shift (optical):	+100% to +120% (vertical, ceiling mounted, % half height)	+100%~50% (vertical, ceiling mounted, % half height) +/-15% (% half width)
Video Lumens:	1,000 ANSI lumens (max) calibrated at D65	1,000 ANSI lumens (max) calibrated at D65
Contrast Ratio:	10,000:1 typical (sequential with DynamicBlack on)	15,000:1 typical (sequential with DynamicBlack on)
Cooling Performance:	High efficiency adaptive voltage side-to-side cooling with low system acoustic noise level (29dBA) and low light pollution cabinet	High efficiency adaptive voltage side-to-side cooling with low system acoustic noise level (29dBA) and low light pollution cabinet
Projection Modes:	Front, Rear, Ceiling (front/rear)	Front, Rear, Ceiling (front/rear)
Lamp*:	User replaceable 180/230W HPM (selectable), 4000 hour lifetime*	User replaceable 180/230W HPM (selectable), 4000 hour lifetime*
Video Processing:	Planar customized Gennum GF9450 with 10 bit independent dual channel image processing, true 1080i deinterlacing, MPEG artifact reduction (block and mosquito noise), latest motion adaptive processing, 3D noise reduction, detail enhancement, rich color processing and noise reduction, less than one frame latency.	Planar customized Gennum GF9450 with 10 bit independent dual channel image processing, true 1080i deinterlacing, MPEG artifact reduction (block and mosquito noise), latest motion adaptive processing, 3D noise reduction, detail enhancement, rich color processing and noise reduction, less than one frame latency.
Calibration:	Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness	Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness
GENERAL		
Dimensions:	20.8" (530mm) L x 17.9" (455mm) W x 7.8" (200mm) H	20.8" (530mm) L x 17.9" (455mm) W x 7.8" (200mm) H
Weight:	22 lb (10 kg)	22 lb (10 kg)
Operating Temperature:	50° F (10° C) - 104° F (40° C)**	50° F (10° C) - 104° F (40° C)**
Operating Altitude:	Sea Level - 7,500 Ft (2,300m), 95° F (35° C) up to 10,000 Ft	Sea Level - 7,500 Ft (2,300m), 95° F (35° C) up to 10,000 Ft
Operating Humidity:	0% - 85% non-condensing	0% - 85% non-condensing
Universal Power Supply:	100V - 240V at 50-60Hz (auto-ranging), true soft power	100V - 240V at 50-60Hz (auto-ranging), true soft power
Regulatory:	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required
Menu Languages:	English, French, Italian, German, Spanish, Swedish, Traditional Chinese, Simplified Chinese, Japanese, Korean, Portuguese, Russian	English, French, Italian, German, Spanish, Swedish, Traditional Chinese, Simplified Chinese, Japanese, Korean, Portuguese, Russian



When image experience matters.

Planar's Promise To You

Planar's dedication to quality and customer service ensures total customer satisfaction. With almost 25 years experience as a worldwide leader in specialty display solutions, we offer leading performance and innovative features in each and every product.

Planar's home theater products are all supported by a 2-year warranty. Planar is resolute about meeting the highest and most important standards of satisfaction: Yours.

Corporate Headquarters

Planar Systems, Inc. 1195 NW Compton Dr. Beaverton, OR 97006-1992, USA
Toll-Free 1.866.475.2627 (United States & Canada) Direct: 1.503.748.1100
Fax: 1.503.748.1493

Headquarters Europe

Planar Systems, Inc. Olarinluoma 9, P.O. Box 46 FIN-02201 Espoo, Finland
Main: +358.9.42.001 Fax: +358.9.420.0200 E-mail: intl@planar.com

www.PlanarHomeTheater.com

*Actual lamp life will vary depending on the environmental condition of the application.
**Operating temperatures vary with altitude. Consult user's guide.

©2008 Planar Systems Inc. All rights reserved. Technical information in this document is subject to change without notice. Please consult your account manager for up to date and/or custom configurations. DLP® and the DLP logo are registered trademarks of Texas Instruments.