

**PLANAR**<sup>TM</sup>

VIPER PD8130 PD8150 **HOME THEATER PROJECTORS**





### Experiences beyond mere satisfaction.

There is a line of home theater projectors from a company as passionate about excellence as you are. 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 distinctive home theater projectors. 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.



The revolutionary Planar Viper, PD8150 and PD8130 1080p projectors all offer revolutionary Picture-in-picture (PIP) and Picture-by-picture (PBP) features. PIP reduces the designated image area of the active source and places it on the screen next to the PIP source. In addition to PIP, these Planar projectors also feature Split Screen features, where two active sources are displayed in equal sizes next to each other. This special mode allows two giant images on the same screen at the same time.



## VIPER

This is one Viper that will charm you.



With an amazing 2,000 lumens light output and a spectacular 10,000:1 contrast ratio, every performance becomes a command performance. Featuring 5 lens options with horizontal and vertical lens shift and an elegant piano black design, this projector will surely transform your theater into a glorious experience. Prepare to be mesmerized, this VIPER will charm you.

- HD 3-chip DLP™ with DynamicBlack™
- Benchmark performance for projector technology
- 2,000 lumens, 10,000:1 contrast
- 5 lens options with horizontal & vertical lens shift
- Integration features
- Elegant custom design and piano black finish

## PD8150

Warning: This projector may cause shortness of breath.



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, and 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

## PD8130

Thou shalt not covet" just got a lot harder.



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

**PRODUCT SPECIFICATIONS**

	<b>VIPER</b>	<b>PD8150</b>	<b>PD8130</b>
<b>SIGNAL COMPATIBILITY</b>			
<b>Video Support:</b>	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	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)
<b>Computer Support:</b>	HDTV, Computer up to 1920 x 1080, Macintosh*	Digital and Analog up to 1920x1080 @ 60Hz, Macintosh*	HDTV, Computer up to 1920 x 1080, Macintosh*
<b>Communication:</b>	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	RS-232 (discrete commands and SW upgrades), wired IR repeater, screen triggers, on-board keypad
<b>Connectivity</b>	<b>(2) HDMI V1.3 with HDCP:</b> HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection), supports 10 & 12 bit 4:4:4 Deep Color Signals, DVI via adapter (not included) <b>(1) Component (3 x RCA, gold):</b> HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included) <b>(1) Component (3 x BNC, 75Ω):</b> HDTV, EDTV, SDTV <b>(1) RGB (HD15):</b> HDTV, RGBHV, YUV, EDTV <b>(1) S-Video (4-pin mini-DIN):</b> SDTV <b>(1) Composite (RCA, gold):</b> SDTV <b>(2) 3.5mm mini jacks:</b> 12V (+/-1.5V) screen trigger (250 mA), programmable <b>(1) 9 Pin D-sub RS-232:</b> for discrete control and SW upgrades <b>(1) 3.5mm mini jack:</b> IR input for Niles/Xantech compatible IR repeater systems	<b>(2) HDMI V1.3 with HDCP:</b> HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection), DVI via adapter <b>(1) Component (3 x RCA, gold):</b> HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included) <b>(1) Component (3 x BNC, 75 ohm):</b> HDTV, EDTV, SDTV <b>(1) RGB (HD15):</b> HDTV, RGBHV, YUV, EDTV <b>(1) S-Video (4-pin mini-DIN):</b> SDTV <b>(1) Composite (RCA, gold):</b> SDTV <b>(2) 3.5mm mini jack:</b> 12V (+/-1.5V) screen trigger (250mA) <b>(1) 9 pin D-sub:</b> RS-232 for discrete control and SW upgrades <b>(1) 3.5mm mini jack:</b> IR input for Niles/Xantech compatible IR repeater systems	<b>(2) HDMI V1.3 with HDCP:</b> HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection), DVI via adapter <b>(1) Component (3 x RCA, gold):</b> HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included) <b>(1) RGB (HD15):</b> HDTV, RGBHV, YUV, EDTV <b>(1) S-Video (4-pin mini-DIN):</b> SDTV <b>(1) Composite (RCA, gold):</b> SDTV <b>(1) 3.5mm mini jacks:</b> 12V (+/-1.5V) screen trigger (250 mA), programmable <b>(1) 9 Pin D-sub:</b> RS-232 for discrete control and SW upgrades <b>(1) 3.5mm mini jack:</b> IR input for Niles/Xantech compatible IR repeater systems
<b>PERFORMANCE</b>			
<b>Microdisplay:</b>	Texas Instruments DLP® 720p DMD x 3, DarkChip	Texas Instruments DLP® 1080p DMD	Texas Instruments DLP® 1080p DMD
<b>Native Resolution:</b>	HD, 1280 x 720	Full HD, 1920 x 1080 (2,073,600 pixels)	Full HD, 1920 x 1080 (2,073,600 pixels)
<b>Aspect Ratios:</b>	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)	Native (Pixel-to-Pixel), 16:9, Letterbox, 4:3, 4:3 narrow, Letterbox (Anamorphic lens compatible)
<b>Projection Lens:</b>	All glass, made in Japan	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
<b>Throw Ratios:</b>	(5 lens options): All with power zoom and focus. Throw ratios are listed with maximum allowable throw ratio and may vary slightly. 1.52 – 1.82 (distance/width) – Z80 1.82 – 2.25 (distance/width) – Z100 2.25 – 3.04 (distance/width) – Z200 3.04 – 4.56 (distance/width) – Z400 4.56 – 7.09 (distance/width) – Z500	1.85 – 2.40 (distance/width) – Standard lens 1.56 – 1.86 (distance/width) – Optional short throw lens	1.85 – 2.40 (distance/width) – Standard lens
<b>Lens Shift (optical):</b>	Power +/-130% (% of half width) Power +/-60% (% of half width)	+100%, -50% (vertical, ceiling mounted, % half height) +/-15% (% half width)	+100% to +120% (vertical, ceiling mounted, % half height)
<b>Video Lumens:</b>	2,000 ANSI lumens (max) calibrated at D65	1,000 ANSI lumens (max) calibrated at D65	1,000 ANSI lumens (max) calibrated at D65
<b>Contrast Ratio:</b>	10,000:1 typical (sequential with DynamicBlack on)	15,000:1 typical (sequential with DynamicBlack on)	10,000:1 typical (sequential with DynamicBlack on)
<b>Cooling Performance:</b>	High efficiency adaptive voltage side-to-side cooling with low system acoustic noise level 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	High efficiency adaptive voltage side-to-side cooling with low system acoustic noise level (29dBA) and low light pollution cabinet
<b>Projection Modes:</b>	Front, Rear, Ceiling (front/rear)	Front, Rear, Ceiling (front/rear)	Front, Rear, Ceiling (front/rear)
<b>Lamp*:</b>	User replaceable 230/260W HPM (selectable), 2500 hour lifetime*	User replaceable 180/230W HPM (selectable), 4000 hour lifetime*	User replaceable 180/230W HPM (selectable), 4000 hour lifetime*
<b>Video Processing:</b>	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.	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.
<b>Calibration:</b>	Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness	Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness	Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness
<b>GENERAL</b>			
<b>Dimensions:</b>	25.31" (643mm) L x 20.43" (519mm) W x 8.86" (225mm) H	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
<b>Weight:</b>	41 lb (18.5 kg ± 0.5kg)	22 lb (10 kg)	22 lb (10 kg)
<b>Operating Temperature:</b>	50° F (10° C) - 104° F (40° C)**	50° F (10° C) - 104° F (40° C)**	50° F (10° C) - 104° F (40° C)**
<b>Operating Altitude:</b>	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	Sea Level - 7,500 Ft (2,300m), 95° F (35° C) up to 10,000 Ft
<b>Operating Humidity:</b>	0% - 85% non-condensing	0% - 85% non-condensing	0% - 85% non-condensing
<b>Universal Power Supply:</b>	100V - 240V at 50-60Hz (auto-ranging), true soft power	100V - 240V at 50-60Hz (auto-ranging), true soft power	100V - 240V at 50-60Hz (auto-ranging), true soft power
<b>Regulatory:</b>	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, China RoHS, WEEE, local conformances as required	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
<b>Menu Languages:</b>	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	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.