



# PLANAR PD8150 1080p DLP HOME THEATER PROJECTOR



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.

## 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/NTSC 4.43, PAL (B,G)/(D,K)/I/M/N, SECAM

**Computer Support:** Digital and Analog up to 1920x1080 @ 60Hz, Macintosh®

Communication: RS-232, 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

(1) Component (3 x BNC, 75 ohm): HDTV, EDTV, SDTV

(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

**Native Resolution:** 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)

**Projection Lens:** All glass, F/2.5~2.71, f = 39.1~50.1mm, 1.3x manual zoom, made in Japan

**Throw Ratios (2 lens options):**

1.85 – 2.40 (distance/width) – Standard lens

1.56 – 1.86 (distance/width) – Optional short throw lens

**Lens Shift (optical):** -50% to +120% (vertical, ceiling mounted, % half height), +/-15% (horizontal, % half width)

**Video Lumens:** 1,000 ANSI lumens (max) calibrated at D65

**Contrast Ratio:** 15,000:1 typical (sequential with DynamicBlack on)

**Cooling Performance:** High efficiency adaptive voltage side-to-side cooling with low system acoustic noise level and low light pollution cabinet

**Projection Modes:** Front, Rear, Ceiling (front/rear)

Lamp: 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.

**Calibration:** Full RGB gain/offset control (White Balance), Gamma, Contrast, Color Temperature, Brightness

## GENERAL

**Dimensions:** 20.6" (523mm) Long x 17.7" (450mm) Wide x 7.6" (194mm) High

Weight: 22 lb (10 kg)

**Operating Temperature:** 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

**Operating Humidity:** 0% - 85% non-condensing

Universal Power Supply: 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

**Menu Languages:** English, French, Italian, German, Spanish, Swedish, Traditional Chinese, Simplified Chinese, Japanese, Korean, Portuguese, Russian

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