



# PLANAR PD7150 720P SPECIALTY HOME THEATER PROJECTOR



When a 5000:1 contrast ratio unites with 1000 radiant lumens, two things are bound to happen. Friends will covet. And friends will ultimately have to be reminded to leave.

## SIGNAL COMPATIBILITY

**Video Support:** HDMI and DVI with HDCP for digital video, Component and RGB HDTV (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 (B,G)/(D,K), L  
**Computer Support:** Digital and Analog up to 1280x1024 @ 60Hz, Macintosh®  
**Communication:** RS-232 (discrete commands and SW upgrades), IR remote, on-board keypad

## CONNECTIVITY

- (1) DVI-D: HDTV RGB and Component, DVI (Digital Visual Interface) with HDCP (High Bandwidth Digital Content Protection), HDMI via adapter
- (2) Component (RCA): HDTV, EDTV, SDTV
- (1) RGB (HD15): HDTV, Computer (Hsync 25~75kHz, Vsync 50~85Hz)
- (1) S-Video: SDTV
- (1) Composite: SDTV
- (1) 3.5mm mini jack: 12V screen trigger (0.25 Amps)
- (1) 9 Pin D-sub RS-232

## PERFORMANCE

**Microdisplay:** Texas Instruments DLP® DarkChip3™ 0.8 720p 12° LVDS DMD  
**Native Resolution:** 1280 x 720 (921,600 pixels)  
**Aspect Ratios:** Native (Pixel-to-Pixel), 16:9, Letterbox, 4:3, Anamorphic compatible  
**Projection Lens:** All glass, F/2.4~2.50, f=19.1~23.9 mm, 1:25x manual zoom, made in Japan  
**Throw Ratio:** 1.3 - 1.7 (distance/width)  
**Lens Shift:** +/-15% (horizontal), + 100%, -65% (vertical, ceiling mounted)

**Video Lumens:** 1000 ANSI max  
**Contrast Ratio:** 5000:1 (max full on/full off)  
**Cooling Performance:** 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)  
**Keystone (digital):** +/-5 (horizontal), +/-5 (vertical)  
**Lamp:** User replaceable 200/250W HPM (selectable), 3000 hour (eco) lifetime\*  
**Video Processing:** Pixelworks™ DNX (Digital Natural Expression) 10 bit video with Motion-Adaptive De-Interlacing, rich color processing and noise reduction  
**Calibration:** Full RGB gain/offset control (White Balance), Gamma (1.0, 1.5, 1.8, 2.0, 2.2, 2.35, 2.5, 2.8), Contrast, Color Temp (Presets 5K~10K and X,Y control for R,G,B,Y), Brightness

## GENERAL

**Dimensions:** 17.5" (445mm) L x 16.5" (420mm) W x 7.1" (180mm) H  
**Weight:** 17.6 lb (8 kg)  
**Operating Temperature:** 32° F (5° C) - 95° F (35° C)\*\*  
**Operating Altitude:** Sea Level - 7,500 Ft (2,300m)  
**Operating Humidity:** 0% - 80% 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

Planar reserves the right to modify the specifications at any time without notice  
\*Actual lamp life will vary depending on the environmental condition of the application  
\*\*Operating temperatures vary with altitude. Consult user's guide

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