



# PLANAR PD7010 720P SPECIALTY HOME THEATER PROJECTOR



This projector's 2500:1 contrast, 1,000 lumens, and native 720p HD resolution completes a trifecta not often seen for the price.

## 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 (B,G)/(D,K), L

**Computer Support:** Digital and Analog up to 1280x1024 @ 60Hz, Macintosh®

**Communication:** RS-232 (discrete commands) and USB (SW upgrades), IR remote, on-board keypad

## CONNECTIVITY

- (1) HDMI:HDTV RGB and Component, EDTV, SDTV, HDMI (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection)
- (1) DVI-D:HDTV RGB and Component, DVI (Digital Visual Interface) with HDCP (High Bandwidth Digital Content Protection), HDMI via adapter
- (1) Component (RCA): HDTV, EDTV, SDTV, SCART RGBS: RGBS via Component and Composite inputs (adapter not included)
- (1) RGB (HD15): HDTV, Computer (Hsync 15~90kHz, Vsync 50~85Hz)
- (1) S-Video: SDTV
- (1) Composite: SDTV
- (1) 3.5mm mini jack: 12V screen trigger (0.25 Amps)
- (1) 3.5mm mini jack: IR input
- (1) 9 Pin D-sub RS-232
- (1) USB type B: SW upgrades

## PERFORMANCE

**Microdisplay:** Texas Instruments DLP® DarkChip2™ 0.65 720p 12° LVDS DMD

**Native Resolution:** 1280 x 720 (921,600 pixels)

**Aspect Ratios:** Native, 16:9, Letterbox, 4:3, Anamorphic compatible

**Projection Lens:** All glass, F/2.50, f=24.0~30.1 mm, 1:16x manual zoom

**Throw Ratio:** 1.8 - 2.1 (distance/width)

**Lens Shift:** 128% fixed offset

**Video Lumens:** 1000 ANSI max

**Contrast Ratio:** 2500:1 (max full on/full off)

**Cooling Performance:** High-efficiency adaptive voltage side-to-side cooling with low system acoustic noise level (30dBA) and low light pollution cabinet

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

**Keystone (digital):** +/-40° (horizontal), +/-15° (vertical)

**Lamp:** User replaceable 180/200W HPM (selectable), 4000 hour lifetime\*

**Video Processing:** TI DDP3020 video with Motion-Adaptive De-Interlacing, rich color processing and noise reduction

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

## GENERAL

**Dimensions:** 12.4" (315mm) L x 13.6" (347mm) W x 5.8" (147mm) H

**Weight:** ~8 lb (3.6 kg)

**Operating Temperature:** 50° F (10° C) - 95° F (35° C)

**Operating Altitude:** Sea Level - 7,500 Ft (2,300m)

**Operating Humidity:** 5% - 95% 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, Portuguese, Swedish, Dutch, Russian, Norwegian, Simplified Chinese, Traditional Chinese, Korean

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

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