

# PLANAR

## PLANAR VIPER 3-CHIP DLP HOME THEATER PROJECTOR



Behold the projector of all projectors. With 10,000:1 contrast, 3-chip DLP, and 2,000 lumens, this projector will transform your theater into a place of worship.



### 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)

**Computer Support:** HDTV, Computer up to 1920 x 1080, Macintosh®

**Communication:** RS-232 (discrete commands and SW upgrades), wired IR repeater, 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), supports 10 & 12 bit 4:4:4 Deep Color signals, DVI via adapter (not included)

(1) Component (3 x RCA): HDTV, EDTV, SDTV, SCART RGBS: RGBS via component and composite inputs (adapter not included)

(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): SDTV

(2) 3.5mm mini jack: 12V screen trigger (0.25 Amps)

(1) 9 Pin D-sub RS-232 for discrete control and SW upgrades

(1) 3.5mm mini jack: IR input for IR repeater systems

### PERFORMANCE

**Microdisplay:** Texas Instruments DLP® DMD x 3, DarkChip

**Native Resolution:** HD, 1280 x 720p

**Aspect Ratios:** Native (Pixel-to-Pixel), 16:9, Letterbox, 4:3, 4:3 narrow, Letterbox (Anamorphic lens compatible)

**Projection Lens:** All glass, 1.82—2.25 (distance/width)

**Projection Lens (options):** All glass (1.52—1.82) - Z80, (1.82—2.25) - Z100, (2.25—3.04) - Z200, (3.04—4.56) - Z400, (4.56—7.09) - Z500 (distance/width) All with power zoom and focus.

**Lens Shift - power (optical):** +/-130% (% of half width), +/-60% (% of half width)

**Video Lumens:** 2,000 ANSI lumens (max) calibrated at D65

**Contrast Ratio:** 10,000:1 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 230/260W HPM (selectable), 2500 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:** 25.31" (643mm) Long x 20.43" (519mm) Wide x 8.86" (225mm) High

**Weight:** 41 lb (18.5 kg ± 0.5 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, China 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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