

Planar Specialty Home Theater Thin Displays

### **Attention expectations: Prepare to be redefined.**

There is now a line of home theater products as fanatic about excellence as you are. Introducing Planar's complete line of home theater projectors, thin displays, and the pioneering Xscreen front-projection system. It's as if your wish list somehow made it into our hands, where innovation, performance, and affordability skillfully coexist.

With almost 25 years of engineering prowess in specialty display markets, from medical to commercial to industrial, Planar is pouring years of proficiency into a complete home theater line.

The result is an experience far beyond mere satisfaction. Rather, Planar provides the very means by which all your senses will revel in wonder.

### **Planar Home Theater Thin Displays.**

#### **Wanted: An adjective that can actually describe them**

Planar brings almost 25 years of technological virtuosity to a specialty line of flat-panel displays. Designed especially for the home theater aficionado, the 37", 42", 47" and 52" displays come standard with 1080p HD resolution, dramatic brightness, dynamic contrast, handsome design, and the most sophisticated technology in video processing. Available exclusively through specialty home theater partners worldwide, Planar's thin displays may defy words, but your eyes will understand instantly.

## PD520

### Full-HD Flat-Panel Display (52 inches)



With 52 inches spread out before you, this vivid, high-definition display has been known to make the heart race. Warning: Defibrillator not included.

#### SIGNAL COMPATIBILITY

**Video Support:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High definition Digital Content Protection) for encrypted 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

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

**Communication:** IR remote, RS-232

**Audio:** TOS-Link optical audio out, L/R analog audio in/out 10W per channel amplification

#### CONNECTIVITY

**(2) HDMI:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection)

**(2) Component (RCA):** HDTV, EDTV, SDTV

**(1) Audio (2x L/R RCA):** Component audio in  
**(1) S-PDIF:** Digital audio out

**(1) RGB (HD15):** HDTV, Computer (VESA DDC2B Plug & Play Compliant), SW updates, RGB, Component

**(1) Mini-Stereo:** 3.5mm-Computer audio in

**(1) S-Video:** SDTV

**(2) Composite:** SDTV

**(2) Audio (2xRCA):** SDTV Audio in (1 S-Video or Composite)

**(2) Analog Audio L/R:** Audio out L/R +/- (10W per channel amplified)

**(1) D-SUB 9-Pin:** RS-232 Control

**(1) RJ-45:** Control Input

#### PERFORMANCE

**Screen Size:** 52.037" (132,17cm)

**Technology:** Deep Color TFT Active Matrix LCD

**Surface:** Anti-Glare, Hard Coated

**Native Resolution:** 1920 x 1080 (2,073,600 pixels)

**Aspect Ratio:** 16:9

**LCD Response:** 6.5ms (gray to gray)

**Luminance (cd/m2):** 500

**Display Colors:** 16.7 million, 24-bit True Color

**Backlight:** 60,000 hr MTBF

**Contrast Ratio:** 5000:1 (Dynamic Contrast)

1500:1 ANSI

**Video Processing:** Cortez-plus™ LCD controller with 10-bit Genesis Faroudja DCDi Cinema™ processor with TrueLife™ Motion-Adaptive De-Interlacing, ACM-3D for rich color processing and noise reduction, 3D Intellicomb™ for optimal image enhancement, Auto-cinema mode with 3:2/2:2 pull down, MPEG noise reduction

**Viewing Angle:** Horizontal: +/- 88° (176°); Vertical: +/- 88° (176°)

**Image Adjustment:** Gamma, Contrast, Color Temp, Brightness, Contrast, Sharpness, Backlight, RGB gain/offset

**Pixel Arrangement:** RGB Vertical Stripe

**Pixel Pitch:** 0.20(H) x .20(V)

#### FEATURES

**Picture Enhancement:** 10-bit Faroudja DCDi Cinema™ with TrueLife™ MADI

**PC Auto-lock:** Yes

**PIP/PBP/POP:** HD in HD, Dynamic scaling, Video PIP over full screen graphics and video back-

grounds, Graphics PIP over full screen graphics background, Picture-by-Picture window, PIP resizing, PIP positioning

**Transparent OSD:** Yes

**Flesh Tone Correction:** Yes

**Multi-language OSD:** Yes

**Full Function Remote:** Backlit IR remote with discrete code source keys

**Wall Mount:** Optional, VESA standard 200mm x 200mm

**Table Top Stand:** Low-profile stand included, removable

**Power Indicator:** Adjustable front LED

**Speakers:** Optional (not included)

**Amplifier Power:** 10W x 2

#### GENERAL

**Dimensions:** W: 49.96" (1269mm), H: 30.16" (766mm), D: 5.51" (140mm)

**Weight:** ~65.0 lbs (29.48kg) w/o tablestands

**Wall Mount:** 200mm x 200mm VESA™ FPMPMI™

**Operating Temperature:** 41° F (5°C) - 113° F (45°C)

**Operating Altitude:** Sea Level - 9,800 Ft (3,000m)

**Operating Humidity:** 10% - 90% non-condensing

**Universal Power Supply:** 90V - 264V at 50-60Hz (auto-ranging)

**Power Consumption:** <220W

**Stand-by Consumption:** <2W



## PD470

### PD470 Full-HD Flat-Panel Display (47 inches)



With 47 HD inches pushing the limits to sheer, technological brilliance, the Joneses will have no choice but to officially give up.

#### SIGNAL COMPATIBILITY

**Video Support:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High definition Digital Content Protection) for encrypted 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)  
**Computer Support:** Digital and Analog up to 1920x1080 @ 60Hz, Macintosh™  
**Communication:** IR remote, RS-232  
**Audio:** TOS-Link optical audio out, L/R analog audio in/out 10W per channel amplification

#### CONNECTIVITY

**(2) HDMI:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection)  
**(2) Component (RCA):** HDTV, EDTV, SDTV  
**(2) Audio (2x L/R RCA):** Component audio in  
**(1) S-PDIF:** Digital audio out  
**(1) RGB (HD15):** HDTV, Computer (VESA DDC2B Plug & Play Compliant), SW updates, RGB, Component  
**(1) Mini-Stereo:** 3.5mm-Computer audio in  
**(1) S-Video:** SDTV  
**(2) Composite:** SDTV  
**(2) Audio (2xRCA):** SDTV Audio in (1 S-Video or Composite)  
**(2) Analog Audio L/R:** Audio out L/R +/- (10W per channel amplified)  
**(1) D-SUB 9-Pin:** RS-232 Control  
**(1) RJ-45:** Control Input

#### PERFORMANCE

**Screen Size:** 46.96" (118,6 cm)  
**Technology:** Deep Color TFT Active Matrix LCD  
**Surface:** Anti-Glare, Hard Coated  
**Native Resolution:** 1920 x 1080 (2,073,600 pixels)  
**Aspect Ratio:** 16:9  
**LCD Response:** 6.5ms (gray to gray)  
**Luminance (cd/m2):** 500  
**Display Colors:** 16.7 million, 24-bit True Color  
**Backlight:** 60,000 hr MTBF  
**Contrast Ratio:** 5000:1 (Dynamic Contrast), 1500:1 ANSI  
**Video Processing:** Cortez-plus™ LCD controller with 10-bit Genesis Faroudja DCDI Cinema™ processor with TrueLife™ Motion-Adaptive De-Interlacing, ACM-3D for rich color processing and noise reduction, 3D Intellicomb™ for optimal image enhancement, Auto-cinema mode with 3:2/2:2 pull down, MPEG noise reduction  
**Viewing Angle:** Horizontal: +/- 88° (176°); Vertical: +/- 88° (176°)  
**Image Adjustment:** Gamma, Contrast, Color Temp, Brightness, Contrast, Sharpness, Backlight, RGB gain/offset  
**Pixel Arrangement:** RGB Vertical Stripe  
**Pixel Pitch:** 0.1805(H) x .05415(V)

#### FEATURES

**Picture Enhancement:** 10-bit Faroudja DCDI Cinema™ with TrueLife™ MADI  
**PC Auto-lock:** Yes  
**PIP/PBP/POP:** HD in HD, Dynamic scaling, Video PIP over full screen graphics and video back-

grounds, Graphics PIP over full screen graphics background, Picture-by-Picture window, PIP resizing, PIP positioning  
**Transparent OSD:** Yes  
**Flesh Tone Correction:** Yes  
**Multi-language OSD:** Yes  
**Full Function Remote:** Backlit IR remote with discrete code source keys  
**Wall Mount:** Optional, VESA standard 200mm x 200mm  
**Table Top Stand:** Low-profile stand included, removable  
**Power Indicator:** Adjustable front LED  
**Speakers:** Optional (not included)  
**Amplifier Power:** 10W x 2

#### GENERAL

**Dimensions:** W: 44.46" (1129.4mm), H: 26.55" (674.4mm), D: 4.96" (125.9mm)  
**Weight:** ~58.4 lb (26.5 kg) w/o tablestand  
**Wall Mount:** 200mm x 200mm VESA™ FPMPMI™  
**Operating Temperature:** 41° F (5° C) - 113° F (45° C)  
**Operating Altitude:** Sea Level - 9,800 Ft (3,000m)  
**Operating Humidity:** 10% - 90% non-condensing  
**Universal Power Supply:** 90V - 264V at 50-60Hz (auto-ranging)  
**Power Consumption:** <220W  
**Stand-by Consumption:** <2W



## PD420

### PD420 Full-HD Flat-Panel Display (42 inches)



This 42-inch display is as much high art as it is high technology. Turned on, it's a dazzling display. Turned off, it's sculpture.

#### SIGNAL COMPATIBILITY

**Video Support:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High definition Digital Content Protection) for encrypted 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

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

**Communication:** IR remote, RS-232

**Audio:** TOS-Link optical audio out, L/R analog audio in/out 10W per channel amplification

#### CONNECTIVITY

(2) **HDMI:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection)

(2) **Component (RCA):** HDTV, EDTV, SDTV

(2) **Audio (2x L/R RCA):** Component audio in

(1) **S-PDIF:** Digital audio out

(1) **RGB (HD15):** HDTV, Computer (VESA DDC2B Plug & Play Compliant), SW updates, RGB, Component

(1) **Mini-Stereo:** 3.5mm-Computer audio in

(1) **S-Video:** SDTV

(2) **Composite:** SDTV

(2) **Audio (2xRCA):** SDTV Audio in (1 S-Video or Composite)

(2) **Analog Audio L/R:** Audio out L/R +/- (10W per channel amplified)

(1) **D-SUB 9-Pin:** RS-232 Control

(1) **RJ-45:** Control Input

#### PERFORMANCE

**Screen Size:** 42.02" (106,7cm)

**Technology:** Deep Color TFT Active Matrix LCD

**Surface:** Anti-Glare, Hard Coated

**Native Resolution:** 1920 x 1080 (2,073,600 pixels)

**Aspect Ratio:** 16:9

**LCD Response:** 6.5ms (gray to gray)

**Luminance (cd/m2):** 500

**Display Colors:** 16.7 million, 24-bit True Color

**Backlight:** 60,000 hr MTBF

**Contrast Ratio:** 5000:1 (Dynamic Contrast), 1500:1 ANSI

**Video Processing:** Cortez-plus™ LCD controller with 10-bit Genesis Faroudja DCDi Cinema™ processor with TrueLife™ Motion-Adaptive De-Interlacing, ACM-3D for rich color processing and noise reduction, 3D Intellicomb™ for optimal image enhancement, Auto-cinema mode with 3:2/2:2 pull down, MPEG noise reduction

**Viewing Angle:** Horizontal: +/- 88° (176°); Vertical: +/- 88° (176°)

**Image Adjustment:** Gamma, Contrast, Color Temp, Brightness, Contrast, Sharpness, Backlight, RGB gain/offset

**Pixel Arrangement:** RGB Vertical Stripe

**Pixel Pitch:** 0.1615(H) x .04845(V)

#### FEATURES

**Picture Enhancement:** 10-bit Faroudja DCDi Cinema™ with TrueLife™ MADI

**PC Auto-lock:** Yes

**PIP/PBP/POP:** HD in HD, Dynamic scaling, Video PIP over full screen graphics and video back-

grounds, Graphics PIP over full screen graphics background, Picture-by-Picture window, PIP resizing, PIP positioning

**Transparent OSD:** Yes

**Flesh Tone Correction:** Yes

**Multi-language OSD:** Yes

**Full Function Remote:** Backlit IR remote with discrete code source keys

**Wall Mount:** Optional, VESA standard 200mm x 200mm

**Table Top Stand:** Low-profile stand included, removable

**Power Indicator:** Adjustable front LED

**Speakers:** Optional (not included)

**Amplifier Power:** 10W x 2

#### GENERAL

**Dimensions:** W: 40.0" (1016mm), H: 23.98" (609mm), D: 5.08" (129.1mm)

**Weight:** ~54 lb (24.5 kg) w/o tablestand

**Wall Mount:** 200mm x 200mm VESA™ FPMPMI™

**Operating Temperature:** 41°F (5° C) - 113°F (45°C)

**Operating Altitude:** Sea Level - 9,800 Ft (3,000m)

**Operating Humidity:** 10% - 90% non-condensing

**Universal Power Supply:** 90V - 264V at 50-60Hz (auto-ranging)

**Power Consumption:** <220W

**Stand-by Consumption:** <2W



## PD370

### PD370 Full-HD Flat-Panel Display (37 inches)



With a 37-inch screen span that's big enough to command your attention without commandeering the room, the Napoleon Complex is alive and well.

#### SIGNAL COMPATIBILITY

**Video Support:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High definition Digital Content Protection) for encrypted 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

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

**Communication:** IR remote, RS-232

**Audio:** TOS-Link optical audio out, L/R analog audio in/out 10W per channel amplification

#### CONNECTIVITY

(2) **HDMI:** HDMI 1.2 (High Definition Multimedia Interface) with HDCP (High Bandwidth Digital Content Protection)

(2) **Component (RCA):** HDTV, EDTV, SDTV

(2) **Audio (2x L/R RCA):** Component audio in (1) **S-PDIF:** Digital audio out

(1) **RGB (HD15):** HDTV, Computer (VESA DDC2B Plug & Play Compliant), SW updates, RGB, Component

(1) **Mini-Stereo:** 3.5mm-Computer audio in

(1) **S-Video:** SDTV

(2) **Composite:** SDTV

(2) **Audio (2xRCA):** SDTV Audio in (1 S-Video or Composite)

(2) **Analog Audio L/R:** Audio out L/R +/- (10W per channel amplified)

(1) **D-SUB 9-Pin:** RS-232 Control

(1) **RJ-45:** Control Input

#### PERFORMANCE

**Screen Size:** 37.07" (94,16 cm)

**Technology:** Deep Color TFT Active Matrix LCD

**Surface:** Anti-Glare, Hard Coated

**Native Resolution:** 1920 x 1080 (2,073,600 pixels)

**Aspect Ratio:** 16:9

**LCD Response:** 6.5ms (gray to gray)

**Luminance (cd/m2):** 500

**Display Colors:** 16.7 million, 24-bit True Color

**Backlight:** 60,000 hr (typ)

**Contrast Ratio:** 1200:1

**Video Processing:** Cortex-plus™ LCD controller with 10-bit Genesis Faroudja DCDI Cinema™ processor with TrueLife™ Motion-Adaptive De-Interlacing, ACM-3D for rich color processing and noise reduction, 3D Intellicomb™ for optimal image enhancement, Auto-cinema mode with 3:2/2:2 pull down, MPEG noise reduction

**Viewing Angle:** Horizontal: +/- 88° (176°); Vertical: +/- 88° (176°)

**Image Adjustment:** Gamma, Contrast, Color Temp, Brightness, Contrast, Sharpness, Backlight

**Pixel Arrangement:** RGB Vertical Stripe

**Pixel Pitch:** 0.1425(H) x .04275(V)

#### FEATURES

**Picture Enhancement:** 10-bit Faroudja DCDI Cinema™ with TrueLife™ MADI

**PC Auto-lock:** Yes

**PIP/PBP/POP:** HD in HD, Dynamic scaling, Video PIP over full screen graphics and video backgrounds, Graphics PIP over full screen graphics background, Picture-by-Picture window, PIP resizing, PIP positioning

**Transparent OSD:** Yes

**Flesh Tone Correction:** Yes

**Multi-language OSD:** Yes

**Full Function Remote:** Backlit IR remote with discrete code source keys

**Wall Mount:** Optional, VESA standard 200mm x 200mm

**Table Top Stand:** Low-profile stand included, removable

**Power Indicator:** Adjustable front LED

**Speakers:** Optional (not included)

**Amplifier Power:** 10W x 2

#### GENERAL

**Dimensions:** W: 36.18" (919mm), H: 22.05" (560mm), D: 4.69" (119.1mm) w/o tablestand

**Weight:** ~47.5 lb (21.5 kg) with base

**Wall Mount:**

200mm x 200mm VESA™ FPMPMI™

**Operating Temperature:** 41° F (5°C) - 113° F (45°C)

**Operating Altitude:** Sea Level - 9,800 Ft (3,000m)

**Operating Humidity:** 10% - 90% non-condensing

**Universal Power Supply:** 90V - 264V at 50-60Hz (auto-ranging)

**Power Consumption:** <220W

**Stand-by Consumption:** <2W





#### Planar's Promise To You

Planar's compulsive attention 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. What's more, with the Customer First™ advanced exchange warranty you'll never miss out on your favorite movies, TV shows, or events. Ultimately, Planar is resolute about meeting the highest and most important standards of satisfaction: Yours.

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