

# PDP-4270HD

## 42-Inch High-Definition PureVision™ Plasma Television

- › High Definition Resolution (1,024 x 768)
- › 42" Diagonal / 16:9 Wide-Screen Aspect Ratio
- › Improved Panel Efficiency
- › Fully Integrated Bottom Speaker
- › Independent HDMI Inputs with the ability to accept a 1080p/24Hz signal



Simulated Screen



## PANEL TECHNOLOGY

- › **Redesigned Deep Encased Cell Structure** to improve brightness, image accuracy and panel efficiency
- › **New First-Surface Pure Color Filter** for enhanced contrast, color and reduction in light reflection on screen
- › **Crystal Emissive Layer** for deeper blacks and increased brightness of images
- › **New and Improved Red and Blue Phosphors** creating a brighter, purer and wider color space, improving the overall HD experience
- › **New Dielectric Layer** for improved light management and efficiency of panel
- › **Wide Viewing Angle** of 160° - horizontal and vertical with no color shift or picture distortion

## VIDEO PROCESSING TECHNOLOGY

- › **Pure Drive II Signal Processing** - Full time 10-bit Digital Video Processing delivers a low noise, high contrast, natural colored image
  - **ACE IV** (Advanced Continuous Emission) for reproduction of billions of colors and improved grey-scale rendering in dark picture areas
  - **Advanced Pure Cinema** with 3:3 pull down so that film-based material on DVD, videotape or even regular TV will match the smooth and natural reproduction seen in a movie theater
  - **Color Temperature Adjustment** - 3 settings (high/mid/low)
  - **Digital Noise Reduction** - 4 Settings (off/high/mid/low)
  - **MPEG Noise Reduction** - 4 Settings (off/high/mid/low)
  - **Digital CTI** - Color Transient Improver (on/off)
  - **Natural Resize**
  - **Natural Enhancer**
  - **Digital Chroma Decoder** (10-bit)

## CONVENIENCE FEATURES

- › **Fully Integrated Media Receiver with Dual NTSC and ATSC Tuner with CableCARD™ Interface**
- › **Independent HDMI Inputs (10-bit processing) with the ability to accept a 1080p/24Hz signal**
- › **TV Guide On Screen® Interactive Program Guide** for easy navigation of TV program services\*
- › **A/V Selection Memory** - 6 options for viewing preferences (Standard/Dynamic/PURE/Movie/Game/User)
- › **Aspect Ratio Control** - 5 positions (Wide/Zoom/Cinema/Full/4:3) "Dot by Dot" for PC
- › **Split Screen/Picture in Picture** display modes to view multiple sources at one time
- › **Home Gallery** offering a convenient way to view photos via USB connection
- › **V-Chip Parental Control**
- › **New Remote Control** with preset, glow in the dark, direct input selection and TV Guide On Screen control

## 42-Inch High-Definition PureVision™ Plasma Television

### VERSATILE VIDEO AND AUDIO CONNECTIVITY

#### › Inputs

- Independent Dual HDMI with Audio
- Component (1 side/2 rear with Audio)
- Composite [1 side/3 rear (1 rear with Audio)]
- S-Video [2 rear (1 rear with Audio)]
- Antenna A & B
- USB (Mass Storage Class) (side input)
- PC

#### › Outputs:

- Optical Digital Audio
- Monitor Out - Composite/Audio LR
- Subwoofer
- SR+

### SOUND TECHNOLOGY

- › 13 Watt Stereo Amplifier With TruBass 2-Way Stereo Speakers
- › SRS® WOW/FOCUS/TruBass Surround Sound Audio
- › Bass Boost Loudness

### OTHER

- › Table Top Stand - Included
- › Speakers - Included (fully integrated bottom)
- › Flat Wall Mount - Optional (PWM-F110)

### CARTON DIMENSIONS

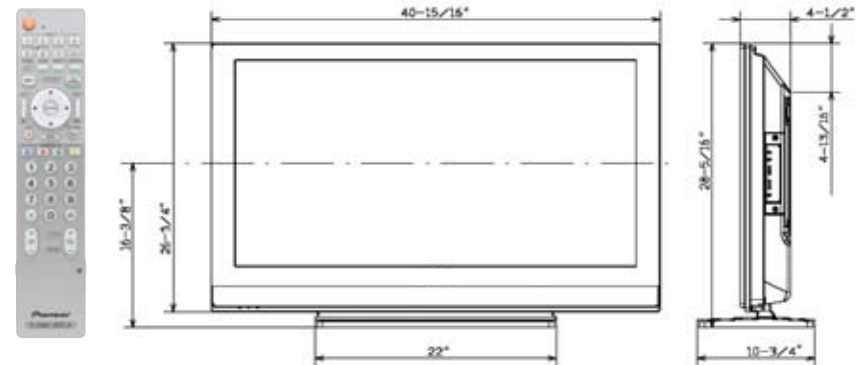
- › W x H x D: 46-1/4" x 33-3/4" x 14-3/4"
- › Weight: 86.6 lbs.

### UPC

- › 12562833439

### PRODUCT DIMENSIONS

- › Display (W x H x D): 40-15/16" x 26-3/4" x 4-1/2"
- With Integrated Speaker
- › Display Weight: 63.9 lbs.



Specifications and design subject to modification without notice.

## INTEGRATED TECHNOLOGIES



\* The TV Guide On Screen interactive program guide provides listings for cable-ready, cable box, and digital cable services as well as over-the-air broadcast. It does not provide listings for satellite

• High-Definition Television (HDTV): HDTV refers to a complete product/system with the following minimum performance attributes:

- Receiver: Receives ATSC terrestrial digital transmissions and decodes all ATSC Table 3 video formats.
- Display Scanning Format: Has active vertical scanning lines of 720 progressive (720p), 1,080 interlaced (1,080i) or higher.
- Aspect Ratio: Capable of displaying a 16:9 image.
- Audio: Receives and reproduces, and/or outputs Dolby Digital audio (Consumer Electronics Association, August 2000).

• Plasma Display Systems display images consisting of hundreds of thousands of minute pixels (light emitting cells), and there is a possibility that some pixels may be inactive, flashing or continually illuminated.

• Plasma Display Systems are made of glass; be sure to secure it from damage from impact.

• Plasma Display Systems, while in use, may generate some functional sounds, for example: fan motor noise, and electrical circuit humming/glass panel buzzing.

• All phosphor-based display systems (CRT Television Systems - both direct view and projection televisions - as well as plasma display systems) may develop image retention, sometimes called burn-in if permanent. Recommended guidelines are as follows:

- Do not display still images for long periods (such as fixed images from PC or TV game equipment, and/or time of day indicator or channel logo display).

- Do not display content in the 4:3 aspect ratio (black or gray bars on left and right side of content) or letter-box content (black bars above and below of content) for extended periods of time, or use either of these viewing modes repeatedly within a short period of time. This Plasma Display System is equipped with multiple wide-screen viewing modes; use one of these screen modes to fill the entire screen with content.

- Displaying dark images after displaying still images for a period of time may cause image retention. In most cases, the image retention can be corrected by displaying bright images for a similar period of time. However, if your Plasma Display System displays still images for additional long periods of time, image retention may be irreparable.

• Plasma Display Systems emit slight amounts of IR (Infrared) emission through luminous discharge technology. This IR emission is not harmful to living organisms, but may interfere with the operation of remote controls for other equipment, or cause static in equipment using IR signals (such as cordless headphones or cordless microphones).

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