

PDP-5070HD

50-Inch High-Definition PureVision™ Plasma Television

- › High Definition Resolution (1,365 x 768)
- › 50" Diagonal / 16:9 Wide-Screen Aspect Ratio
- › Improved Panel Efficiency
- › Detachable Bottom Speaker
- › 1080p/24Hz Compatibility for HDMI and Component



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
 - **1080p/24Hz Compatibility** for HDMI and Component
 - **ACE IV** (Advanced Continuous Emission) for reproduction of billions of colors and improved grey-scale rendering in dark picture areas
 - **DRE** (Dynamic Range Expansion) detail setting to further reduce video noise and improve accurate reproduction of fast moving images on screen
 - **Advanced Pure Cinema** with 3:3 pull down, film-based material on DVD, videotape or even regular TV will match the smooth and nature reproduction seen in a movie theatre
 - **Color Temperature Adjustment** - 3 settings (high/mid/low), plus advanced manual adjustability of RGB High and RGB Low
 - **Digital Noise Reduction** - 4 Settings (off/high/mid/low)
 - **MPEG Noise Reduction** - 4 Settings (off/high/mid/low)
 - **Digital CTI** (Color Transient Improver)
 - **Natural Resize**
 - **Natural Enhancer**
 - **Digital Chroma Decoder**

CONVENIENCE FEATURES

- › **Fully Integrated Media Receiver with Dual NTSC and ATSC Tuner**
- › **Independent HDMI Inputs (10-bit processing) with 1080p/24Hz Compatibility**
- › **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 control

50-Inch High-Definition Plasma Television

VERSATILE VIDEO AND AUDIO CONNECTIVITY

Inputs

- Independent Dual HDMI
- Component (1 side/2 rear)
- Composite (1 side/3 rear)
- S-Video (2 rear)
- 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
- › Bass Boost Loudness

OTHER

- › Table Top Stand - Included
- › Detachable Bottom Speaker - Included (PDP-S40)
- › Flat Wall Mount - Optional (PWM-F110)

CARTON DIMENSIONS

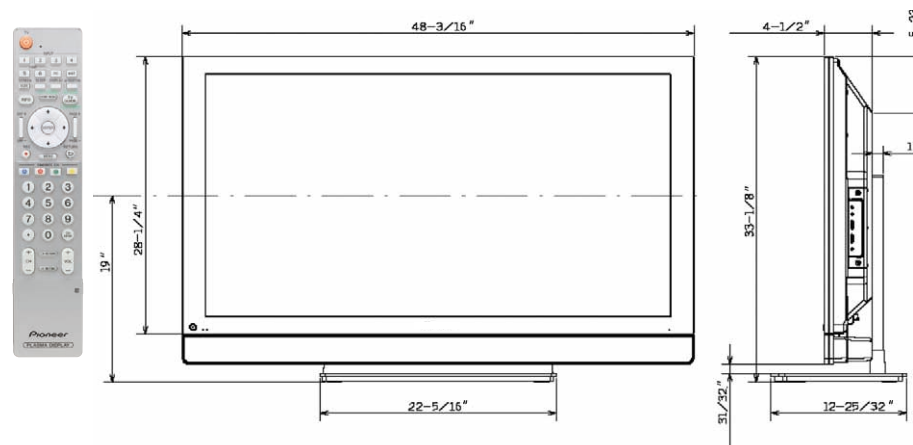
- › W x H x D: 53" x 38-1/4" x 20-1/4"
- › Weight: TBD

UPC

- › 12562833446

PRODUCT DIMENSIONS

- › Display (W x H x D): 48-3/16" x 28-1/4" x 4-1/2"
- With Integrated Speakers
- › Display Weight: TBD



Specifications and design subject to modification without notice.

INTEGRATED TECHNOLOGIES



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- 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).
- Displaying the same still images for long periods should be avoided as image shadowing or burn-in may occur.
- 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. The Plasma Display System Media Receiver uses an on-board cooling fan. If the ambient temperature of the Media Receiver becomes high, the speed of the cooling fan increases and it may sound louder than normal during the cooling period.
- All phosphor-based display systems (CRT Television Systems - both direct view and projection televisions - as well as plasma display systems) may possibly have image retention, also known as burn-in. 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 may have a negative effect on sound or images coming from AM radios, PCs or video-related products.
- Plasma Display Systems emit slight amounts of IR (Infrared Emission) through luminous discharge technology. This IR 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 (such as cordless headphones or cordless microphones).
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