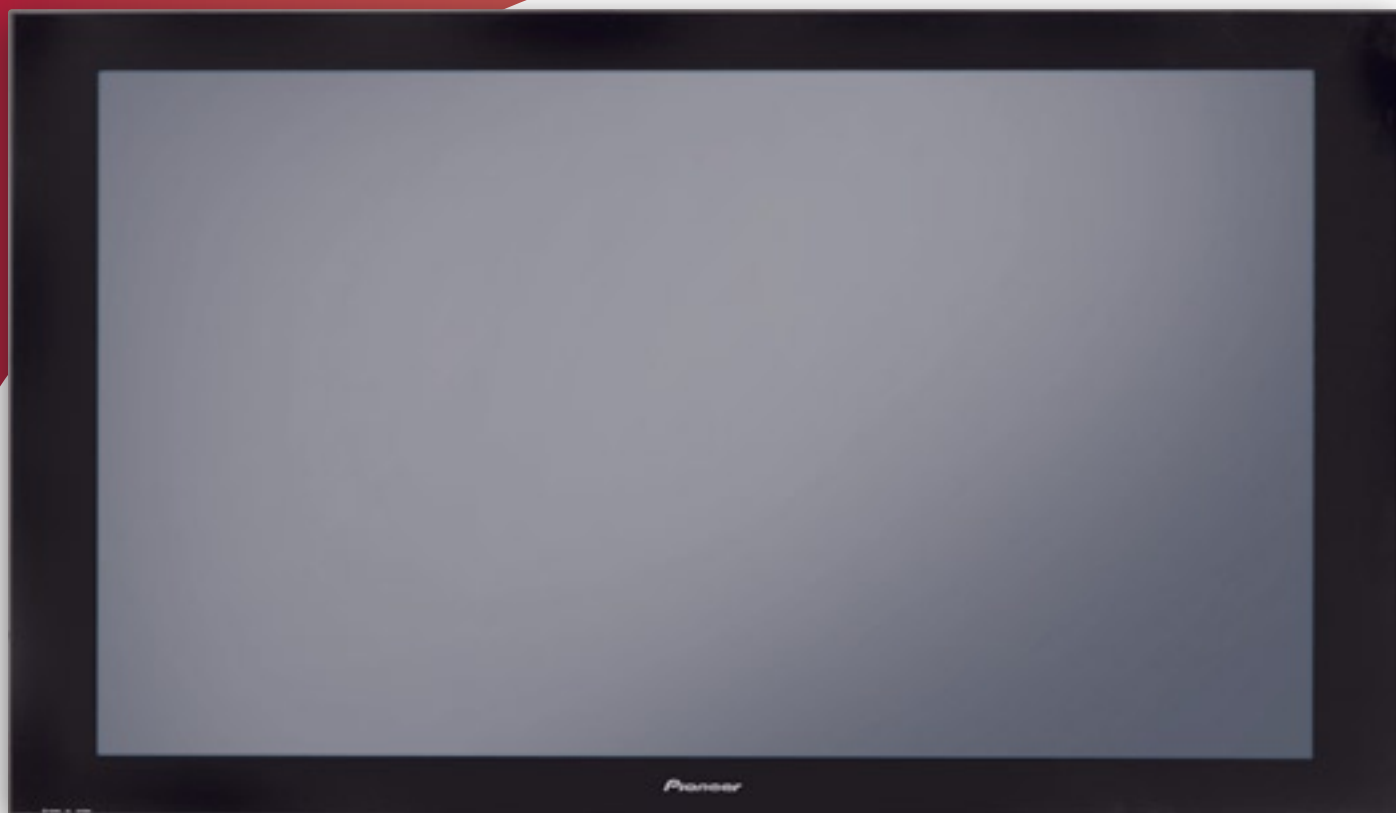


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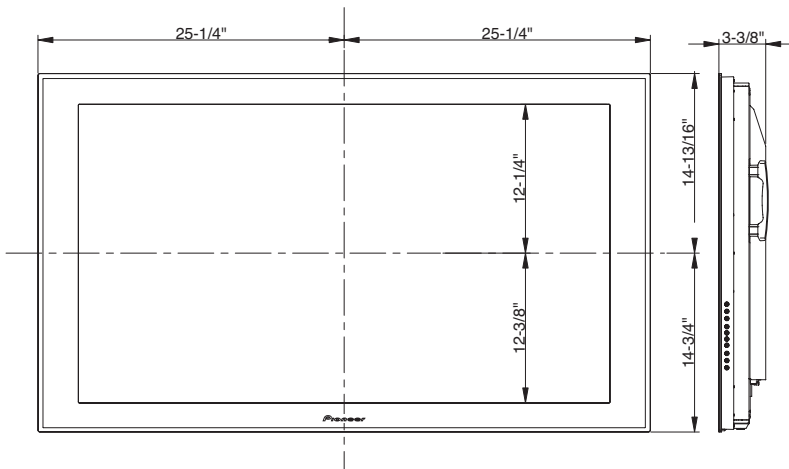


50-Inch 1080p Plasma Display

PDP-5000EX

PDP-5000EX

Dimensions



Specifications

Resolution	1920 x 1080p
Aspect Ratio	16:9 Wide Screen
Number of Pixels	2,073,600
Dimensions (W x H x D)	50-1/2" x 29-9/16" x 3-3/4"
Weight	87 lbs. 9 oz.
Power Consumption (In Use/Standby)	420W/0.4W
Power Requirements	AC 110-240V, 50/60 Hz.

Video & Audio Connectivity

Inputs

Independent Dual HDMI
 Single DVI-D
 Component-RGB (BNC x 5)
 Composite (RCA x 1)
 S-Video

Output

Speakers (Left/Right)

Control

RS-232C
 SR (In/Out)

Panel Technology

- **Redesigned Deep Encased Cell Structure** preventing light leakage across cells for a crisper more detailed picture
- **Exclusive First-Surface Pure Color Filter** for enhanced contrast and color and reduction in light reflection on screen
- **Crystal Emissive Layer** for deeper blacks and increased brightness of images
- **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 color image
 - **ACE IV** (Advanced Continuous Emission) for reproduction of billions of colors and improved grey-scale rendering in dark picture areas
 - **Active DRE** (Dynamic Range Expander) detail settings for adjusting dynamic contrast, black level, ACL (Automatic Contrast Limiter) and Gamma
 - **Advanced Pure Cinema** with 3:3 pull down, 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** – 5 Settings (high/mid-high/mid/mid-low/low), plus advanced manual adjustability of RGB High and RGB Low
 - **Color Management System** – Independent R/Y/G/C/B/M
 - **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**

Sound Technology

- **SRS®/WOW/FOCUS Surround Sound Audio**
- **Bass Boost Loudness**
- **13 Watt Stereo Amplifier w/TruBass**

Convenience Features

- **Split Screen/Picture in Picture** display modes to view multiple sources at one time
- **A/V Selection Memory** – 6 options for viewing preferences (Standard/Dynamic/PURE/Movie/Game/User) & ISF-Day/ISF-Night after professional custom calibration
- **Aspect Ratio Control** – 6 positions (Wide/Zoom/Cinema/Full/4:3/“Dot by Dot” for 1080i, 1080p or PC)
- **Remote Control**
- **Optional Table Top Stand sold separately**

- Plasma Displays 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 Displays are made of glass; be sure to secure it from damage from impact.
- Plasma Displays, while in use, may generate some functional sounds, for example: fan motor noise, and electrical circuit humming/glass panel buzzing.
- All phosphor-based displays (CRT Television Systems - both direct view and projection televisions - as well as plasma displays) 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 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 displays still images for additional long periods of time, image retention may be irreparable.
- Plasma Displays 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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Pioneer

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