

# 50PG25

## PLASMA HDTV 50" Class (49.9" diagonal)

- 720p HD Resolution
- XD Engine™
- 30,000:1 Contrast Ratio
- Fluid Motion
- 4x HDMI™ V.1.3 with Deep Color
- AV Mode (Cinema, Sports, Game)
- Clear Voice
- LG Simplink™ Connectivity
- Invisible Speaker System
- USB 2.0 (JPEG, MP3)
- ISFccc
- 100,000 Hours to Half Brightness (Typical)



### HD RESOLUTION

High definition television is the highest performance segment of the DTV system used in the US. It's a wide screen, high-resolution video image, coupled with multi-channel, compact-disc-quality sound.

### XD ENGINE

Six distinct processes contribute to picture improvement. LG's XD Engine® takes the low resolution of analog signals to near HD levels by improving brightness, contrast, detail and enhancing color as well as reducing signal noise.

### FLUID MOTION

The high performance of plasma panels allows you to enjoy smoother, clearer motion with all types of programming such as sports and action movies. The moving picture resolution give the impression of performance of up to 3x the panels actual refresh rate.

### AV MODE

LG HDTVs include 3 A/V Modes, preset to optimize picture and sound settings based on "Cinema", "Sports" or "Game" content which can be easily set with a convenient button on the remote control.

### CLEAR VOICE TECHNOLOGY

Designed to automatically enhance and amplify the sounds of the human voice frequency range, Clear Voice Technology preserves high-quality dialogue audio when background noises swell. You won't miss a word of the action.



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## TECHNICAL SPECIFICATIONS

### PLASMA DISPLAY PANEL

|                                       |                    |
|---------------------------------------|--------------------|
| Native Display Resolution             | 1365 x 768p        |
| Brightness (cd/m <sup>2</sup> )       | 1,500              |
| Dynamic Contrast Ratio                | 30,000:1           |
| ISM (Image Sticking Minimization)     | 3 Modes            |
| Non-Reflective Black Matrix Structure | •                  |
| Fluid Motion                          | •                  |
| Pure Black Level                      | •                  |
| Altitude                              | 2,900 m / 9,514 ft |
| Life Span (Typical)                   | 100,000 hours      |

### BROADCASTING SYSTEM

|                     |   |
|---------------------|---|
| Analog              | • |
| ATSC/NTSC/Clear QAM | • |

### VIDEO

|   |                  |
|---|------------------|
| XD Engine™                                    | •                |
| Aspect Ratio                                  | 16:9             |
| Aspect Ratio Correction                       | 6 Modes          |
| Just Scan (1:1 Pixel Matching)                |                  |
| - HDMI™                                       | 1080p/1080i/720p |
| - Component                                   | 1080p/1080i/720p |
| - RF  | 1080i/720p       |
| Enhanced Line Doubler                         | •                |
| Enhanced Noise Reduction (Video Noise Filter) | • (3D & MPEG)    |
| Color Temperature Control                     | 4 Modes          |
| Black Stretcher (Black Level Enhancer)        | •                |
| 3:2 Pull-down                                 | •                |
| Picture Reset                                 | •                |
| AV Mode (Picture & Sound)                     | 3 Modes          |
| ISFccc  | •                |
| Picture Selection Mode                        | 7 Modes          |
| DTV Signal Strength Indicator                 | •                |

### AUDIO

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Mono/Stereo/Dual (MTS/SAP)           | •                                  |
| Audio Outout Power (Watts - THD 10%) | 10W + 10W                          |
| Speaker System Details               | 2 Way 4 System (Invisible Speaker) |
| Dolby® Digital Decoder               | •                                  |
| Surround System Type                 | SRS TruSurround XT™                |
| Bass/Treble/Balance Controls         | •                                  |
| Auto Volume Leveler                  | •                                  |
| Sound Mode                           | 5 Modes                            |
| Mute                                 | •                                  |

### SPECIAL FEATURES

|                                       |                        |
|---------------------------------------|------------------------|
| 1080P Source Input                    |                        |
| - HDMI                                | 60p/30p/24p            |
| - Component                           | 60p/30p/24p            |
| - RGB                                 | 60p                    |
| A/V Input Navigation                  | •                      |
| Auto Navigation                       | •                      |
| Input Labeling                        | •                      |
| Quick View (Previous Channel)         | •                      |
| Clear Voice (On/Off)                  | •                      |
| Quick Setup Guide                     | •                      |
| Parental Control w/V-Chip             | •                      |
| Key Lock                              | •                      |
| Closed Caption                        | •                      |
| LG SimpLink™ (HDMI CEC)               | •                      |
| Trilingual Menus                      | English/French/Spanish |
| EZ Menus (High Performance Interface) | •                      |
| Channel Add/Delete                    | •                      |
| Favorite Channel                      | •                      |
| Auto Clock                            | •                      |
| Manual Clock                          | •                      |
| On/Off Timer                          | •                      |
| Sleep Timer                           | •                      |
| Auto Off (When no video is present)   | •                      |

### SIDE AUDIO/VIDEO INPUTS/OUTPUTS

|                              |                           |
|------------------------------|---------------------------|
| L/R Audio/Composite Video In | 1                         |
| HDMI/HDCP In                 | 1 (V.1.3 with Deep Color) |
| USB 2.0                      | 1 (JPG, MP3)              |

### REAR AUDIO/VIDEO INPUTS/OUTPUTS

|                              |   |
|------------------------------|---|
| RF In (Antenna/Cable)        | 1 |
| L/R Audio/Composite Video In | 1 |
| L/R Audio Out                | 1 |

### REAR AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)

|   |                           |
|---|---------------------------|
| S-Video In                                  | 1                         |
| HD Component Video In (Y,Pb,Pr) + L/R Audio | 2                         |
| Digital Audio Out                           | 2 (1 Coaxial / 1 Optical) |
| HDMI/HDCP Input                             | 3 (V.1.3 with Deep Color) |
| RGB In (D-Sub 15pin) - PC                   | 1                         |
| PC Audio Input                              | 1                         |
| RS-232c In (Control/Service)                | 1                         |
| Remote Control In (IR)                      | 1                         |

### CABINET/ACCESSORIES

|                          |               |
|--------------------------|---------------|
| Cabinet Style            | One Layer     |
| Cabinet Color            | Glass         |
| Remote Control Type      | Universal     |
| Stand Swivel (degrees)   | 20° / 20°     |
| VESA® Compatible (W x H) | 400mm x 400mm |

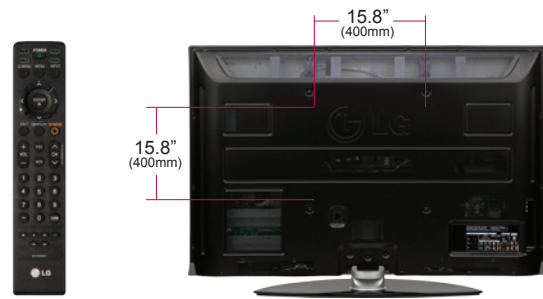
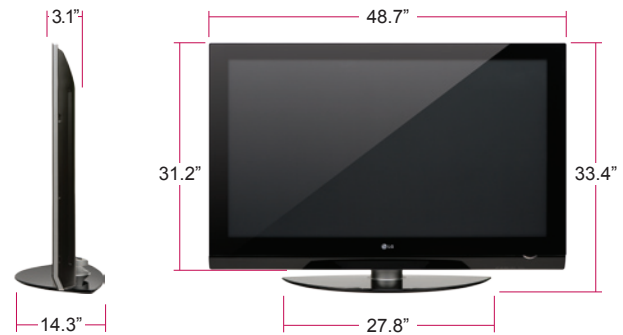
### POWER

|                       |      |
|-----------------------|------|
| Consumption (Typical) | 429W |
| Stand-by Consumption  | > 1W |
| Energy Star Compliant | •    |

### SPECIFICATIONS

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Dimensions w/out stand (W x H x D) | 48.7" x 31.2" x 3.1"                |
| Weight w/out stand                 | 87.5 lbs                            |
| Dimensions w/stand (W x H x D)     | 48.7" x 33.4" x 14.3"               |
| Weight w/stand                     | 96.4 lbs                            |
| Dimensions w/packaging (W x H x D) | 52.4" x 39.8" x 18.1"               |
| Weight in package                  | 113.9 lbs                           |
| UPC                                | 719192173866                        |
| Limited Warranty                   | 1 Year Parts & Labor / 2 Year Panel |

## DIMENSIONS/REMOTE/INPUTS/OUTPUTS



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