PLASMA HDTV
42” Class (41.5” diagonal)
• 720p HD Resolution
• XD Engine™
• 1,000,000:1 Dynamic Contrast Ratio
• Fluid Motion
• 3x HDMI™ V.1.3 with Deep Color
• AV Mode (Cinema, Sports, Game)
• Clear Voice
• LG SimpLink™ Connectivity
• Invisible Speaker System
• 100,000 Hours to Half Brightness (Typical)
• PC Input

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.

FLUID MOTION (180 Hz EFFECT)
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 AV Modes, preset to optimize picture and sound settings based on “Cinema”, “Sports” or “Game” content. AV Modes can be easily set with a convenient button on the remote control.

CLEAR VOICE TECHNOLOGY
Automatically enhances and amplifies the sound of human voice frequency range to help keep dialogue audible when background noise swells.

INVISIBLE SPEAKERS SYSTEM
LG’s 2008 line of TVs include a unique invisible speaker system, tuned by renowned audio expert, Mr. Mark Levinson. Speakers are embedded in strategic spots behind the front cabinet and use minute vibrations to turn the entire front bezel into the speaker system. The result is a clean, polished look, and enhanced audio by increasing the “sweet spot”, giving a wider sound field.
### Plasma Display Panel
- **Native Display Resolution**: 1024 x 768p
- **Brightness (cd/m²)**: 1,500
- **Dynamic Contrast Ratio**: 1,000,000:1
- **Native Contrast Ratio**: 20,000:1
- **ISM (Image Sticking Minimization)**: 3 Modes
- **Non-Reflective Black Matrix Structure**: •
- **Fluid Motion 180Hz Effect**: •
- **Pure Black Level**: •
- **Altitude**: 2,000 m / 6,561 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) 0% OverScan
- **Audio**: Monaural/Stereo/Dual (MTS/SAP), Audio Output Power (Watts - THD 10%) 10W + 10W
- **Enhanced Line Doubler**: •
- **Enhanced Noise Reduction (Video Noise Filter)**: (SD & MPEG)
- **Color Temperature Control**: 4 Modes
- **3:2 Pulldown**: •
- **Picture Reset**: •
- **AV Mode (Picture & Sound)**: 3 Modes
- **Picture Selection Mode**: 7 Modes

### Special Features
- **1080P Source Input**: HDMI™
- **Audio Out**: 2 Channels (Left/Right)
- **A/V Input Navigation**: •
- **Auto Navigation**: •
- **Input Labeling**: •
- **Quick View (Previous Channel)**: •
- **Clear Voice (On/Off)**: •
- **Quick Setup Guide**: •
- **Parental Control w/V-Chip**: •
- **Closed Caption**: •
- **LG SimpLink™ (HDMI CEC)**: Trilingual Menus
- **EZ Menus (High Performance Interface)**: English/French/Spanish
- **Channel Add/Delete**: •
- **Favorite Channel**: •
- **Auto Clock**: •
- **Manual Clock**: •
- **On/Off Timer**: •
- **Sleep Timer**: •
- **Auto Off (When no video is present)**: •

### Technical Specifications
- **Dimensions**:
  - **Without Stand**: 40.9" x 26.7" x 3.4"
  - **With Stand**: 40.9" x 28.8" x 12.1"
  - **With Packaging**: 52.4" x 30.4" x 15.8"
- **Weight**:
  - **Without Stand**: 53.7 lbs
  - **With Stand**: 58.2 lbs
  - **With Packaging**: 69.7 lbs
- **Consumption**:
  - **Typical**: n/a
  - **Stand-by**: <1W
- **VESA® Compatible (W x H)**: 400mm x 400mm
- **Power**: LG Electronics U.S.A., Inc.
  - **Customer Service and Technical Support**: (800) 243-0000, LGusa.com
- **Limited Warranty**: 1 Year Parts & Labor / 2 Years Panel