### LCD Commercial Widescreen

#### Integrated Full 1080p HDTV

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>47і” CLASS (47.0” DIAGONAL)</td>
<td>47LD450C</td>
</tr>
<tr>
<td>42і” CLASS (42.0” DIAGONAL)</td>
<td>42LD450C</td>
</tr>
<tr>
<td>37і” CLASS (37.0” DIAGONAL)</td>
<td>37LD450C</td>
</tr>
</tbody>
</table>

- **Public Display Settings - Cloning Capable**
- **EcoSmart™ Energy Saving Levels**
- **Energy Star® 4.1 and RoHS Compliant**
- **Dynamic Contrast Ratio**
  - 50,000:1
- **Native Display Resolution**
  - 1920 x 1080 (full HD 1080p)
- **Built-in ATSC/NTSC/QAM Clear Tuner**
- **Invisible Speaker System**
  - Hidden speaker grilles
- **LG’s Exclusive XD Engine®**
- **USB 2.0 Media Host for Photos and Music**
- **USB Cloning**
- **Clear Voice II**
- **Real Cinema™**
- **2 HDMI™ Inputs with HDCP V1.3 with deep color**
- **Auto Sensing Remote Jack Pack (RJP) Compatible**
- **2 Year Limited Warranty**
  - (parts and labor)

*NOTE: Contact your LG Sales representative for RJP compatibility with the LD450C series.*

[www.LGsolutions.com](http://www.LGsolutions.com)
LG is committed to improving product development, manufacturing and usage to meet the demand for environmentally friendlier products. Our LD450C televisions have technologies to reduce power consumption and in return increase cost savings per room. We’ve also placed limits in the amounts of harmful materials used in these televisions.

- **EcoSmart**
  Energy Saving Levels - Manually select your choice for the brightness level for the television.
- **RoHS Compliant** - Meets directive on restriction of hazardous substances.
- **Energy Star 4.1 Qualified** - Meets current reduction requirements of energy consumption.

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**FEATURES**

LG’s newest core technology, Picture Wizard, enables easy self-calibration by providing on-screen reference points for key picture quality elements such as black level, color, tint, sharpness and backlight levels. By using this easy-to-use calibration process, the picture setting can be set to better fit the type of room application.

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**ENERGY SAVING LEVELS**

Manually select your choice for the brightness level for the television. By selecting Minimum, Medium, or Maximum, the power consumption will be reduced and an increase in energy savings can be achieved. (Note: Selecting minimum level may slightly increase power consumption on some models)

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**CLEAR VOICE II**

Clear Voice technology automatically enhances dialogue when background sounds such as those in an action sequence swell. Enhancements made to the Clear Voice technology now allow users to customize their personal preferences based on their home environment through a 12-step adjustment process. This calibration process is based on distinct voice zoom levels so as to minimize interference with surrounding sounds.

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**USB 2.0 MEDIA HOST**

USB 2.0 will support JPG and MP3 files from a USB storage device.
PUBLIC DISPLAY SETTINGS
When used in public areas, these HDTVs can be easily programmed by the installer to have the TV turn on at a specified channel/volume level, set the minimum/maximum volume, lock out the control panel/remote, set the aspect ratio, and return to a factory reset. By using Power Management, these displays can be programmed to turn off if there has been no activity (remote or control panel buttons) for a preset time (1-7) hours.

<table>
<thead>
<tr>
<th>Public Display Mode</th>
<th>Start Channel</th>
<th>Ch. Type</th>
<th>Major</th>
<th>Minor</th>
<th>Minimum Volume</th>
<th>Maximum Volume</th>
<th>Start Volume</th>
<th>Level</th>
<th>Power Management Setting</th>
<th>Key Management</th>
<th>Factory Reset</th>
<th>Aspect Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>TV</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>100</td>
<td>No</td>
<td>20</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

USB CLONING
USB cloning will allow for easy transfer of Public Display Settings from the “Master TV” to an unlimited number of same type televisions.

SOUND IS HEARD, NOT SEEN
Enjoy a combination of smart technology and stylish design with the invisible speaker system custom tuned by audio expert Mr. Mark Levinson. This unique system provides a clean, polished look and an enhanced auditory experience by increasing the sweet spot and providing a wider sound field.

MOUNTING HOLES ON STAND
ATTACHING THE TV TO A DESK

DIMENSIONS
**SPECIFICATIONS**

**LCD TV**

**47" CLASS (47" diagonal) 42" CLASS (42" diagonal) 37" CLASS (37" diagonal)**

**LCD SPECIFICATION**
- Screen Size (Class): 47" class (47" diagonal), 42" class (42" diagonal), 37" class (37" diagonal)
- Native Display Resolution: 1920x 1080
- Dynamic Contrast Ratio: 60000:1
- Contrast Ratio: 1400:1
- Viewing Angle: 178°/178°
- Color Reproduction: 10 Bit
- Response Time: 4 ms
- True Viewing Angle: Yes
- Life Span (Typical): 60,000 hrs

**BROADCASTING SYSTEM**
- Analog: Yes
- ATSC/NTSC/Clear QAM: Yes
- ED Engine: Yes
- Aspect Ratio: 16:9
- Aspect Ratio Correction: 6 Mode
- Jst Scan (11:2 Field Matching): HDMI 1080p/1080i/720p, Component 1080p/1080i/720p
- RF (DTV): 1080i/720p
- Enhanced Noise Reduction: Video Noise Filter: Yes, 3D NKE/MPEG-2 NKE
- Digital Comb Filter (Yes): Yes (3D)
- Color Temperature Control: 3 Modes (Warm, Med, Cool)
- Black Stretcher: Yes
- 24p Real Cinema: Yes
- Cinema X / 24 Mode: Yes
- Picture Resiz: Yes
- AV Mode II (Picture & Sound): 3 Modes (Cinema, Sport, Game)
- EZ Picture/PSM: Yes (7 modes)
- SHCC Ready: Yes
- DTV Signal Strength Indicator: Yes
- Video Reset/Initializing: Yes

**AUDIO**
- Audio Output Power (Wats. THD 10%): 10W x 2
- Invisible Speaker: 1 Way 2 Speaker
- Dolby Digital 5.1 Decoder: Yes
- Surround System Type: SRS TruSurround XT, SRS WOW
- Bass/Treble/Balance Controls: Yes
- Clear Voice II: Yes
- Auto Volume Leveler: Yes
- EZ Sound Mode/SSM: 3 Modes

**SPECIAL FEATURES**
- Public Display Settings: Yes, PDM2.6
- Energy Saving Models: Yes
- Brightness Optimization: Yes (Available in Standard, Natural, Sport, Game mode)
- Splash Image - Logo (on start up): Yes
- Multi Remote IR code (wall/2.4/4): Yes
- Auto-Sensing RJ45 compatible: Yes (with select RJ45 versions)
- Picture Wizard: Yes
- Lock/Unlock Control: Yes
- VLAN Protocol: Yes
- USB Cloning: Yes
- Mechanical Power Off: Yes
- T188p Source Input: HDMI, Component: 60p/30p/24p, RGB: WXGA
- AV Input Navigation: Yes
- Input Labeling/Subtitle: Yes
- Quick View (Previous Channel): Yes
- Quick Setup Guide: Yes
- e-Manual: Yes
- Parental Control w/V-Chip: Yes
- Key Lock/Child Lock: Yes
- Customizable Closed Captions/Subtitle: Yes
- EZ SIMPLINK™ (HDMI CEC): Yes

**CONVENIENCE FEATURES**
- Language: English/Spanish/French/Korean
- ANN UI: Yes
- Auto Tuning/Programming: Yes
- Channel Add/Delete: Yes
- Favorite Channel Programming: Yes
- Auto/Manual Clock: Yes
- On/Off Timer: Yes
- Sleep Timer: Yes
- Auto Off/Auto Sleep (When no video is present): Yes

**AUDIO/VIDEO/INPUTS/OUTPUTS**
- RF In (Antenna/Cable): 1
- L/R Audio/Composite Video In: [rear] 1 [side] 1
- HDMI/DP/PC Input (V1.3 with Deep Color): 2
- ROB In (0.18/ 15m): 1
- PC Audio: 1
- RS232C In (Control/Service): 1
- USB 2.0 Input: 1
- Media Host (JPEG, MP3): 1
- SPA In (For RJP Interface - non RJP)

**CABINET/ACCESSORIES**
- Cabinet Color: Glossy Black
- Swivel Stand (Degrees): 20°/ 20°
- Top Side Mounting screw: Yes
- FDX Security Screw (2 each): Yes
- Fire Retardant Material: Yes
- Kensington Security System Slot: Yes
- VESA® Mount Compliant (W xH): 200m m x 200m m
- M6 screw: Yes
- Remote Control: Yes
- POWER:
  - Voltage, Hz: 100V - 240V, 50/60 Hz
  - Standby Mode (Typ): 0.9W
  - Power Consumption (Typ): 95W (37"), 115W (42"), 138W (47")
  - Dynamic Power Savings: Yes
  - Static Power Savings: Yes

**REQUIRED APPROVALS**
- ENERGY STAR® 4.1 Qualified: Yes
- RoHS Complaint: Yes
- UL, cUL, NOM: Yes

**DIMENSIONS & WEIGHT**
- TV without stand (WxHxD): 36.1" x 22.6" x 3.0" (37"
- TV with stand weight: 38.3 lbs
- TV with stand (WxHxD): 36.1" x 24.6" x 10.3" (42"
- TV with stand weight: 48.8 lbs
- TV with stand (WxHxD): 44.7" x 27.5" x 3.0" (47"
- TV with stand weight: 53.0 lbs
- TV with stand (WxHxD): 40.3" x 24.6" x 10.3" (37"
- TV with stand weight: 44.7 lbs
- TV with stand (WxHxD): 39.7" x 20.6" x 9.0" (42"
- TV with stand weight: 39.5 lbs
- TV with stand (WxHxD): 43.6" x 20.6" x 9.0" (47"
- TV with stand weight: 45.0 lbs
- TV with stand (WxHxD): 48.8" x 31.6" x 10.0" (47"
- TV with stand weight: 52.7 lbs

**SERVICE/LIMITED WARRANTY**
- 2 Years (Parts/Labor)

**UPC CODE**
- 3712450C 7 19129200449 3
- 42LD450C 7 19129200135 6
- 37LD450C 7 19129200445 2

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LG Life’s Good

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