Full HD Display with webOS™

- **55LS75A-5B**
  - 55” class (54.63” diagonal)
- **49LS75A-5B**
  - 49” class (48.50” diagonal)
- **42LS75A-5B**
  - 42” class (41.92” diagonal)

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**Specifications**

- **Native Display Resolution** 1,920 x 1,080 (FHD)
- **High Brightness** 700cd/m²
- **Contrast Ratio** 1,300:1 (Typ.)
- **178°/178° Viewing Angle**
- **Suitable for Portrait or Landscape Installation**
- **RJ-45 LAN Control**
- **RS-232C Control**
- **Convenient External Speaker-Out**
- **Free SuperSign Lite S/W For Content Management**
- **Free SuperSign C S/W For Remote Control**
- **Built-in Internal Memory** 16GB (System 4GB + Available 12GB)
- **Bezel Width** 7.4mm
- **3-Year Limited Warranty Parts/Labor/Backlight**

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**IPS In Plane Switching**

Super IPS accurately display an image's quality and color at an 178° ultra wide viewing angle. There is no fall-off in color accuracy and no diversion in contrast ratio at wide angles. From bright sunlight to the most challenging lighting environments these displays are designed to reproduce and maintain the ultimate color temperature for lifelike images.
HIGH PERFORMANCE AND COST EFFECTIVE SOC

- CPU (1GHz, Dual Core)
- Memory (DDR3, 1.25GB)
- Storage (16GB)

OPS COMPATIBILITY

- Compatible with Open Pluggable Specification (OPS), users have the flexibility to choose the appropriate media player.

REMOTE CONTROL VIA RS232C & NETWORK

LG’s advanced self-diagnosis function checks the screen status with an optional pixel sensor and supports the SNMP standards for compatibility with 3rd party solutions.

ENHANCED FAIL OVER

- Switches signals from first player to second player
- Switches signals from an external player to internal memory in case of a player’s failure

- Auto signal switching from external player to internal memory on player failure
- It can be assign max 5 of input interface (HDMIx2, DP, DVI, Internal Memory)

SUPPORT WiFi

A WiFi Dongle can be connected to the LS75A for easy installation and simple management.
**Panel**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>42LS75A-5B</th>
<th>49LS75A-5B</th>
<th>55LS75A-5B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen Size</td>
<td>42&quot; class</td>
<td>49&quot; class</td>
<td>55&quot; class</td>
</tr>
<tr>
<td></td>
<td>(41.92&quot; diagonal)</td>
<td>(48.50&quot; diagonal)</td>
<td>(54.63&quot; diagonal)</td>
</tr>
<tr>
<td>Panel Technology</td>
<td>IPS</td>
<td>IPS</td>
<td>IPS</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1920 x 1080 (FHD)</td>
<td>2048 x 1152 (WQHD)</td>
<td>2048 x 1152 (WQHD)</td>
</tr>
<tr>
<td>Pixels (p x v x d)</td>
<td>6,220,000</td>
<td>7,191,920</td>
<td>7,191,920</td>
</tr>
<tr>
<td>Brightness</td>
<td>700 cd/m²</td>
<td>700 cd/m²</td>
<td>700 cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1,300:1</td>
<td>1,300:1</td>
<td>1,300:1</td>
</tr>
<tr>
<td>Dynamic CR</td>
<td>550,000:1</td>
<td>500,000:1</td>
<td>500,000:1</td>
</tr>
<tr>
<td>Color Gamut</td>
<td>72%</td>
<td>72%</td>
<td>72%</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178 x 178</td>
<td>178 x 178</td>
<td>178 x 178</td>
</tr>
<tr>
<td>Color Depth</td>
<td>1.07 Billion</td>
<td>1.07 Billion</td>
<td>1.07 Billion</td>
</tr>
<tr>
<td>Response Time</td>
<td>8ms (G to G BW) typ.</td>
<td>8ms (G to G BW) typ.</td>
<td>8ms (G to G BW) typ.</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Hard Coating (IH), Anti-Glare Treatment of the Front Polarizer (Haw 10%)</td>
<td>Hard Coating (IH), Anti-Glare Treatment of the Front Polarizer (Haw 10%)</td>
<td>Hard Coating (IH), Anti-Glare Treatment of the Front Polarizer (Haw 10%)</td>
</tr>
<tr>
<td>Orientation</td>
<td>Portrait &amp; Landscape</td>
<td>Portrait &amp; Landscape</td>
<td>Portrait &amp; Landscape</td>
</tr>
</tbody>
</table>

**Video (PC)**

- **Input**: Digital (HDMI (2), DVI (2), Display Port (1)), Audio (1), External Control (RS232C (1), RS45 (1), IR/Light Sensor (1), Pixel Sensor (1)), USB (1), HDTV Formats: HDMI: 720p, 1080i, 1080p
- **Output**: Digital (DP (1)), External Speaker Out (L / R (1)), External Control (RS232C (1)), Audio (1)
- **Temperature Sensor**: Yes
- **ISM Method**: Normal, White Wash
- **Key Lock**: Yes
- **DOM Select**: Yes
- **Energy Saving**: Yes (Minimum, Medium, Maximum, Screen off)
- **Smart Energy Saving**: Yes
- **Built-in Internal Memory**: 16GB(System 4GB + Available 12GB)

**Connectivity**

- **Recommended Resolution**: 1,920 x 1,080@60Hz (HDMI, DVI-D, Display Port, OPS)
- **H-Scanning Frequency**: 30 ~ 83kHz (HDMI, DVI-D, Display Port, OPS)
- **V-Scanning Frequency**: 148.5 MHz (HDMI, DVI-D, Display Port)
- **Sync Compatibility**: Digital
- **Video Input**: HDMI1, HDMI2, OPS, DVI-D, Display Port
- **Picture Mode**: Vivid, Standard, APS, Cinema, Sports, Game, Expert
- **Input**: Digital (HDMI (2), DVI-D (1), Display Port (1)), Audio (1), External Control (RS232C (1), RS45 (1), IR/Light Sensor (1), Pixel Sensor (1)), USB (1), HDTV Formats: HDMI: 720p, 1080i, 1080p
- **Output**: Digital (DP (1)), External Speaker Out (L / R (1)), External Control (RS232C (1))

**Specifications**

- **Temperature Sensor**: Yes
- **ISM Method**: Normal, White Wash
- **Key Lock**: Yes
- **DOM Select**: Yes
- **Energy Saving**: Yes (Minimum, Medium, Maximum, Screen off)
- **Smart Energy Saving**: Yes
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**Cabinet**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>42LS75A-5B</th>
<th>49LS75A-5B</th>
<th>55LS75A-5B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bezel Color</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Bezel Width</td>
<td>7.4mm (T/R/U even)</td>
<td>7.4mm (T/R/U even)</td>
<td>7.4mm (T/R/U even)</td>
</tr>
<tr>
<td>Monitor Dimension: (W x H x D)</td>
<td>37.4&quot; x 21.4&quot; x 1.3&quot;</td>
<td>43.1&quot; x 24.6&quot; x 1.3&quot;</td>
<td>48.4&quot; x 27.6&quot; x 1.3&quot;</td>
</tr>
<tr>
<td>Weight (Monitor Only)</td>
<td>27.6 lbs</td>
<td>34.4 lbs</td>
<td>45.6 lbs</td>
</tr>
<tr>
<td>Monitor with Optional Stand Dimensions: (W x H x D)</td>
<td>37.4&quot; x 24.3&quot; x 11.7&quot;</td>
<td>43.1&quot; x 27.6&quot; x 11.7&quot;</td>
<td>48.4&quot; x 30.6&quot; x 11.7&quot;</td>
</tr>
<tr>
<td>Weight (Monitor+Stand)</td>
<td>30.6 lbs</td>
<td>37.5 lbs</td>
<td>48.7 lbs</td>
</tr>
<tr>
<td>Monitor with Optional Stand &amp; Speaker Dimensions: (W x H x D)</td>
<td>37.4&quot; x 24.3&quot; x 11.7&quot;</td>
<td>43.1&quot; x 27.6&quot; x 11.7&quot;</td>
<td>48.4&quot; x 30.6&quot; x 11.7&quot;</td>
</tr>
<tr>
<td>Weight (Monitor+Stand+Speaker)</td>
<td>32.4 lbs</td>
<td>39.2 lbs</td>
<td>50.5 lbs</td>
</tr>
<tr>
<td>Carton Dimensions: (W x H x D)</td>
<td>41.1&quot; x 25.4&quot; x 50&quot;</td>
<td>47.1&quot; x 29.3&quot; x 53&quot;</td>
<td>52.4&quot; x 31.9&quot; x 69&quot;</td>
</tr>
<tr>
<td>Packed Weight</td>
<td>32.6 lbs</td>
<td>41.2 lbs</td>
<td>55.6 lbs</td>
</tr>
<tr>
<td>VESA™ Mount</td>
<td>400 x 400mm</td>
<td>400 x 400mm</td>
<td>400 x 400mm</td>
</tr>
</tbody>
</table>

**Environmental Conditions**

- **Operation Temperature**: 0°C to 40°C
- **Operation Humidity**: 10% to 80%
- **Power Supply**: 100-240V, 50/60Hz
- **Power Type**: Built-In Power
- **Power Consumption**: 110W (Typ), 125W (Typ), 140W (Typ)
- **Smart Energy Saving Off / On**: 80W / 90W / 100W
- **DPM**: 0.7W (DPM)
- **PDP off**: 0.5W

**Audio**

- **Balance**: Yes
- **Audio Power**: 20W (10w x 2) for External Speaker
- **Speaker On/Off**: Yes
- **Clear Voice II**: Yes
- **Sound Mode**: Standard, News, Music, Cinema, Sports, Game
- **Safety**: UL / cUL / CE / TUV / KC
- **EMC**: FCC Class “A” / CE / KCC
- **ErP / Energy Star**: No / Yes (Energy Star 6.0)
- **External Media player Attachable**: Yes (MP500 / MP700, KT-OPSA)
- **Software Compatibility**: SuperSign-w lite (Yes), SuperSign-c (Yes)
- **Accessories**: Remote Control (includes batteries (2 ea.)), Power Cord, IR/Light Sensor Receiver, CD (Owner’s Manual), HDMI Cable
- **Optional Accessory**: SP-2100, ST-200T, AN-WF500, KT-SP6 (WiFi USB Dongle), KT-SP0 (Pixel Sensor)
- **UPC**: 719192195189, 719192195196, 719192195202

**Warranty**

- 3-Year Limited Warranty Parts/Labor/Backlight

* SuperSign software is available from http://www/lg.com/us/commercial/led-backlit-monitors