

## Specifications for LG 55LV75A



| <b>General</b>                       |                                                                                                |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Screen size (inches)</b>          | 55                                                                                             |
| <b>Aspect Ratio</b>                  | 16:9                                                                                           |
| <b>Resolution</b>                    | 1920 x 1080                                                                                    |
| <b>Brightness (cd/m2)</b>            | 500                                                                                            |
| <b>Contrast Ratio</b>                | 1,400:1, 500,000:1(DCR)                                                                        |
| <b>Response Time (ms)</b>            | 12                                                                                             |
| <b>Viewing Angle (°)</b>             | 178 x 178                                                                                      |
| <b>Colour Depth (Num of Colours)</b> | 1.06 Billion                                                                                   |
| <b>Surface Treatment</b>             | Hard coating(3H), Anti-glare treatment of the front polarizer (Haze 10%)                       |
| <b>Source Selection</b>              | RGB, DVI-D, HDMI, Component, A/V, DisplayPort, USB                                             |
| <b>Time</b>                          | Clock, On/off Time, Sleep Timer, Power on Delay, Auto off, Automatic standby                   |
| <b>PIP</b>                           | Yes, with PBP support                                                                          |
| <b>Energy Saving</b>                 | Off, Minimum, Medium, Maximum, Screen Off                                                      |
| <b>Power</b>                         | Type: Built-in<br>Requirements: 100 to 240 VAC, 50/60 Hz                                       |
| <b>Power Consumption</b>             | Normal (Typical): 160 W<br>Power Save/Sleep Mode (Max): 90 W<br>DPM: 0.7 W<br>Power Off: 0.5 W |

|                              |                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------|
| <b>Operating Environment</b> | Operation Temperature: 32 to 104°F (0 to 40°C)<br>Operation Humidity: 10 to 80%             |
| <b>Certifications</b>        | EMC: FCC Class "B" / CE / KCC<br>ERP<br>ENERGY STAR 6.0<br>Safety: UL / cUL / CB / TUV / KC |
| <b>VESA Configuration</b>    | 600 x 400 mm                                                                                |
| <b>Bezel Width</b>           | Left / Top: 2.25 mm<br>Right / Bottom: 1.25 mm                                              |
| <b>Handle</b>                | Yes                                                                                         |
| <b>Dimensions (WxHxD)</b>    | 47.8 x 27.0 x 3.5" (121.4 x 68.6 x 8.9 cm)                                                  |
| <b>Weight</b>                | 50.7 lb (23.                                                                                |

## Connectivity - Input

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| <b>Digital</b>          | DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input |
| <b>Analog</b>           | RGB(1), Shared Component(1), AV(1)                         |
| <b>Audio</b>            | PC Audio In                                                |
| <b>External Control</b> | RS232C(1), RJ45(1), IR(1)                                  |
| <b>USB</b>              |                                                            |

## Connectivity - Output

|                         |                 |
|-------------------------|-----------------|
| <b>Digital</b>          | Display Port(1) |
| <b>Audio</b>            | Audio Out(1)    |
| <b>External Control</b> | RS232C(1)       |

## Special Features

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Temperature Sensor</b>            | Yes                                                                                                                    |
| <b>Tile Mode</b>                     | Yes, Up to 15 x 15                                                                                                     |
| <b>Natural Mode @Tile Mode</b>       | Yes                                                                                                                    |
| <b>Source Selection</b>              | RGB / DVI-D / HDMI / Component / AV / Display Port / USB                                                               |
| <b>Brightness/Contrast/Backlight</b> | Yes                                                                                                                    |
| <b>Position/Size</b>                 | Yes                                                                                                                    |
| <b>Auto Config/Phase</b>             | Yes                                                                                                                    |
| <b>ISM Method</b>                    | Normal/White wash/Orbiter/Inversion                                                                                    |
| <b>Advanced</b>                      | Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level |
| <b>Time</b>                          | Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby                                           |
| <b>Input Label</b>                   | Yes                                                                                                                    |
| <b>Auto Power/Source Memory</b>      | Yes                                                                                                                    |

|                                 |                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>DPM Select</b>               | Yes                                                                                                                                |
| <b>USB playback</b>             | Yes                                                                                                                                |
| <b>Energy Saving Mode</b>       | Off / Minimum / Medium / Maximum / Screen Off                                                                                      |
| <b>Smart Energy Saving</b>      | Yes                                                                                                                                |
| <b>Display</b>                  |                                                                                                                                    |
| <b>Panel Size</b>               | 54.6" (138.7 cm)                                                                                                                   |
| <b>Panel Type</b>               | IPS                                                                                                                                |
| <b>Aspect Ratio</b>             | 16:9                                                                                                                               |
| <b>Native Resolution</b>        | 1920 x 1080                                                                                                                        |
| <b>Pixels</b>                   | 6,220,800 (H x V x 3)                                                                                                              |
| <b>Brightness</b>               | 500 cd/m <sup>2</sup>                                                                                                              |
| <b>Contrast Ratio</b>           | Typical: 1400:1<br>Dynamic: 500,000:1                                                                                              |
| <b>Color Gamut</b>              | 72%                                                                                                                                |
| <b>Viewing Angle</b>            | 178°/178°                                                                                                                          |
| <b>Response Time</b>            | 12 ms (G to G)                                                                                                                     |
| <b>Surface Treatment</b>        | Hard coating (3H), anti-glare treatment of the front polarizer (haze 10%)                                                          |
| <b>Color Depth</b>              | 1.06 billion                                                                                                                       |
| <b>Orientation</b>              | Portrait and landscape                                                                                                             |
| <b>Video (PC)</b>               |                                                                                                                                    |
| <b>Maximum Input Resolution</b> | 1920 x 1080 at 60 Hz (RGB, HDMI, DVI-D, DisplayPort)                                                                               |
| <b>Recommended Resolution</b>   | 1920 x 1080 at 60 Hz (RGB, HDMI, DVI-D, DisplayPort)                                                                               |
| <b>Scanning Frequency</b>       | Horizontal: 30 to 83 kHz (RGB, HDMI, DVI-D, DisplayPort)<br>Vertical: 56 to 75 Hz (RGB), 56 Hz to 60 Hz (HDMI, DVI-D, DisplayPort) |
| <b>Pixel Frequency</b>          | 148.5 MHz (RGB, HDMI, DVI-D, DisplayPort)                                                                                          |
| <b>Sync Compatibility</b>       | Separate / Composite / Digital                                                                                                     |
| <b>Video Inputs</b>             | RGB, HDMI, DVI-D, Display Port, A/V, Component                                                                                     |
| <b>Picture Modes</b>            | Vivid, Standard, Cinema, Sports, Game                                                                                              |
| <b>Color Temperature</b>        | Warm, Medium, Cool                                                                                                                 |
| <b>Advanced</b>                 | Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level             |
| <b>Information Display</b>      | Model/Type, S/W Version, Serial Number, IP Address, MAC address, Homepage                                                          |
| <b>Max Input Resolution</b>     | 1920 X 1080@ 60Hz(RGB,HDMI/DVI-D,DP)                                                                                               |
| <b>Recommended Resolution</b>   | 1920 X 1080@ 60Hz(RGB,HDMI/DVI-D,DP)                                                                                               |

|                                                     |                                                                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>H-Scanning Frequency</b>                         | 30 ~ 83kHz (RGB, HDMI/DVI-D/DP)                                                                                        |
| <b>V-Scanning Frequency</b>                         | 56Hz ~ 75Hz (RGB), 56Hz~60Hz (HDMI/DVI-D/DP)                                                                           |
| <b>Pixel Frequency</b>                              | 148.5 MHz (RGB, HDMI/DVI-D,DP)                                                                                         |
| <b>Sync Compatability</b>                           | Separate / Composite / Digital                                                                                         |
| <b>Video Input</b>                                  | RGB, HDMI, DVI-D, AV, Component, Display Port                                                                          |
| <b>Picture Mode</b>                                 | Vivid / Standard / Cinema / Sports / Game                                                                              |
| <b>Colour temperature</b>                           | Warm / Medium / Cool                                                                                                   |
| <b>Special Features</b>                             |                                                                                                                        |
| <b>Temperature Sensor</b>                           | Yes                                                                                                                    |
| <b>Tile Mode</b>                                    | Yes, Up to 15 x 15                                                                                                     |
| <b>Natural Mode @Tile Mode</b>                      | Yes                                                                                                                    |
| <b>Source Selection</b>                             | RGB / DVI-D / HDMI / Component / AV / Display Port / USB                                                               |
| <b>Brightness/Contrast/Backlight</b>                | Yes                                                                                                                    |
| <b>Position/Size</b>                                | Yes                                                                                                                    |
| <b>Auto Config/Phase</b>                            | Yes                                                                                                                    |
| <b>ISM Method</b>                                   | Normal/White wash/Orbiter/Inversion                                                                                    |
| <b>Advanced</b>                                     | Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level |
| <b>Time</b>                                         | Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby                                           |
| <b>Input Label</b>                                  | Yes                                                                                                                    |
| <b>Auto Power/Source Memory</b>                     | Yes                                                                                                                    |
| <b>DPM Select</b>                                   | Yes                                                                                                                    |
| <b>USB playback</b>                                 | Yes                                                                                                                    |
| <b>Energy Saving Mode</b>                           | Off / Minimum / Medium / Maximum / Screen Off                                                                          |
| <b>Smart Energy Saving</b>                          | Yes                                                                                                                    |
| <b>Standard (Certification) &amp; VESA Mounting</b> |                                                                                                                        |
| <b>Safety</b>                                       | UL / cUL / CB / TUV / KC                                                                                               |
| <b>EMC</b>                                          | FCC Class "B" / CE / KCC                                                                                               |
| <b>VESA Mounting</b>                                | 600 x 400                                                                                                              |
| <b>ErP / Energy Star</b>                            | Yes / Yes (Energy Star 6.0)                                                                                            |
| <b>Power</b>                                        |                                                                                                                        |
| <b>Power Supply</b>                                 | 100-240V, 50/60Hz                                                                                                      |

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| <b>Power Type</b>                       | Built-in Power                                               |
| <b>Power Consumption</b>                | Typ.:160W, Smart Energy Saving:90W, DPM:0.7W, Power off:0.5W |
| <b>Dimensions - WxHxD (mm)</b>          |                                                              |
| <b>Monitor</b>                          | 1213.4mm x 684.2mm x 88.5mm                                  |
| <b>Weight (kg)</b>                      |                                                              |
| <b>Monitor</b>                          | 23kg                                                         |
| <b>MEDIA PLAYER COMPATIBILITY</b>       |                                                              |
| <b>External Media player Attachable</b> | Yes                                                          |



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