Technical Specifications

Model	LCD627 - 17"	LCD629 - 19"	
Composite Output	2 x BNC		
Composite Input	2 x BNC		
Other Connections	1 x HDMI – 1 x VGA – 1 x PC Audio – 2 x AV Audio		
Speakers	2 x 1.5W		
Display Modes	Video 1 – Video 2 – PC - HDMI		
AC Power	100v AC ~ 240v AC 50/60Hz		
Power Supply Output	12vDC 3.33A		
Temperature	Operation 0° ~ 40°C Storage -10° ~ 60°C		
Power Consumption	15W Max in ON mode		Under 5W in Power Saving Mode
OSD Control	Picture Mode, Contrast, Brightness, Colour, Tint, Sharpness, Colour Temp, DNR		
OSD Languages	English, German, French, Italian, Spanish, Russian, Turkish, Polish, Dutch and Czech		
Auto Adjustment	Yes		Only for VGA mode
De-Interlace	Yes		
Wall Mount	Optional		
Accessories	PSU, Power Cable, Manual, VGA Cable		
Safety Standards	UL, FCC, CE, ROHS		
Tilt	-5° ~ 15°		
Humidity	10% ~ 90%		
Monitor Scan	Microprocessor Controlled		
Pixel Pitch	0.264 x 0.264mm	0.294 x 0.294mm	
Pixel Format	1280 x 1024	1280 x 1024	
Response Time	5ms	5ms	
Colour Depth	16.7 million colours		
Viewing Angle	Vertical -80° ~ +80°	Horizontal -85° ~ +85°	
Display Area (H x V)	337.9 x 270.3mm	376.3 x 301.06mm	
Dimensions (WxHxD)	385 x 384 x 165mm	424 x 415 x 165mm	
Weight (monitor only)	6.5Kgs (14.3lbs)	7.1Kgs(15.7lbs)	

Package Contents:
       LED Monitor
       12vDC 3.33A Power Supply
       Power Cable
       15 pin VGA Connector and cable
       Technical Sheet

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Monitor and OSD Control

The LED monitor has a simple control layout for controlling the monitor and On Screen Display functions. The two tables below summarise the control keys and their related functionality.

5 Key Feature

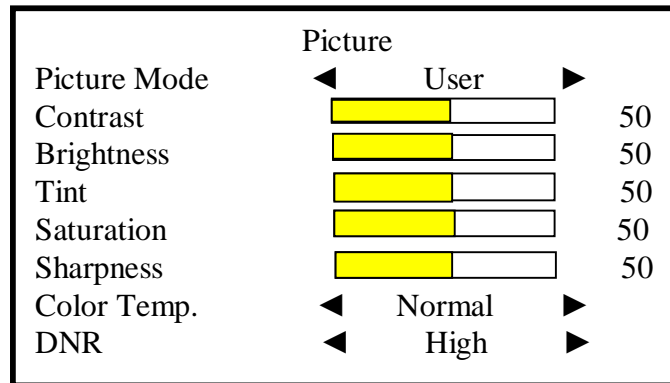| Key	Function Description
Power	Toggle the display between standby mode and on/off. Press Power and wait 6 seconds then monitor will display.
+	Switch setting item. Increase value of selected item.
M	Enter the Main Menu of the On Screen Display.
-	Switch setting item. Decrease value of selected item.
A	Switch mode PC - AV1 - AV2 - HDMI

6 Key Feature

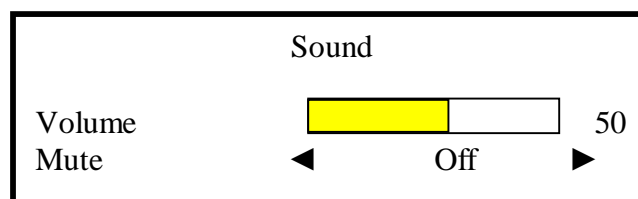| Key	Function Description
Power	Toggle the display between standby mode and on/off. Press Power and wait 6 seconds then monitor will display.
A / Auto	Automatically adjusts H-Position, V-Position, Pixel Clock and Phase for an optimal image in PC Mode only.
+ / ▶	Switch setting item. Decrease value of selected item.
- / ◀	Switch setting item. Increase value of selected item.
S / Select	Switch mode PC - AV1 - AV2
M / Menu	Enter the Main Menu of the On Screen Display.

LED Status Display

The following table describes the various power states of the LED monitor as represented by different LED display colours.
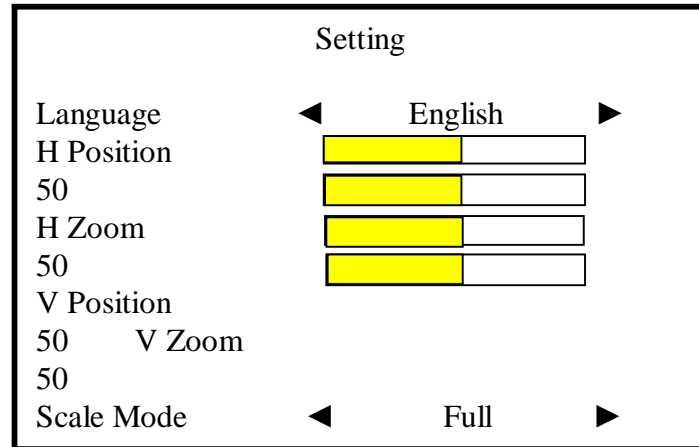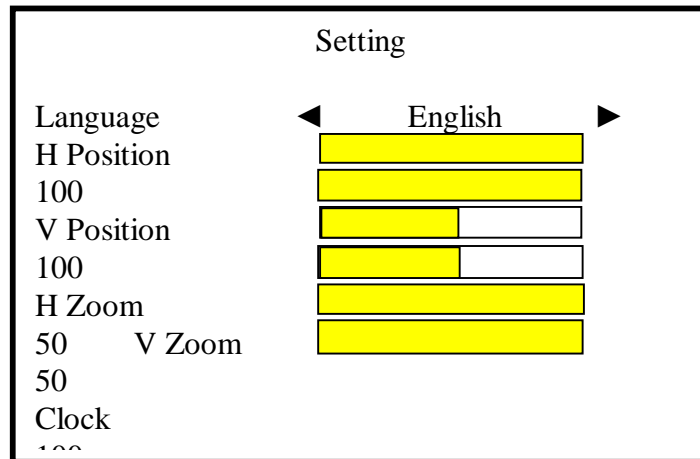
Power State	LED Colour
On	Green
Standby	Red
No power	None

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On Screen Display Control Function List

Picture Mode

```
┌─────────────────────────────────────────────────┐
│                      Picture                      │
│   Picture Mode      ◄          User        ►      │
│   Contrast          [███████░░░░░░░]     50       │
│   Brightness        [██████░░░░░░░░]     50       │
│   Tint              [██████░░░░░░░░]     50       │
│   Saturation        [███████░░░░░░░]     50       │
│   Sharpness         [██████░░░░░░░░]     50       │
│   Color Temp.       ◄         Normal       ►      │
│   DNR               ◄          High        ►      │
└─────────────────────────────────────────────────┘
```

1. Picture Mode   Press - / ◄ or + / ► to select picture mode. Options are: User, Standard, Movie or Vivid.
2. Contrast   Press - / ◄ or + / ► to select contrast mode.
3. Brightness   Press - / ◄ or + / ► to brightness mode.
4. Tint   Press - / ◄ or + / ► to select image tint.
5. Saturation   Press - / ◄ or + / ► to select picture saturation.
6. Sharpness   Press - / ◄ or + / ► to select picture sharpness.
7. Color Temp   Press - / ◄ or + / ► to adjust colour tones. Options are: Cool, Warm and Normal.
8. DNR   Press - / ◄ or + / ► to adjust picture noise reduction.

Note: VGA mode: Options available are: Contrast, Brightness, Color Temp and Auto Adjust.

Sound

```
┌─────────────────────────────────────────────────┐
│                      Sound                        │
│                                                   │
│   Volume            [███████░░░░░░░]     50       │
│   Mute              ◄          Off         ►      │
└─────────────────────────────────────────────────┘
```

1. Volume   Press - / ◄ or + / ► to adjust volume level.
2. Mute   Press - / ◄ or + / ► to switch sound Off or On.

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AV / HDMI Mode

```
┌─────────────────────────────────────────┐
│                  Setting                 │
│                                          │
│   Language        ◄      English    ►    │
│   H Position         [████░░░░]          │
│   50                 [████░░░░]          │
│   H Zoom             [████░░░░]          │
│   50                 [████░░░░]          │
│   V Position                             │
│   50      V Zoom                         │
│   50                                     │
│   Scale Mode      ◄       Full      ►    │
│                                          │
└─────────────────────────────────────────┘
```

VGA Mode

```
┌─────────────────────────────────────────┐
│                  Setting                 │
│                                          │
│   Language        ◄      English    ►    │
│   H Position      [████████████]         │
│   100             [████████████]         │
│   V Position      [█████░░░░░░░]         │
│   100             [█████░░░░░░░]         │
│   H Zoom          [████████████]         │
│   50      V Zoom  [████████████]         │
│   50                                     │
│   Clock                                  │
│   ___                                    │
└─────────────────────────────────────────┘
```

1. Language   Press - / ◄ or + / ► to select language.
2. H. Position   Press - / ◄ or + / ► to move display left or right.
3. H. Zoom   Press - / ◄ or + / ► to adjust the horizontal size of display.
4. V. Position   Press - / ◄ or + / ► to move display up or down.
5. V. Zoom   Press - / ◄ or + / ► to adjust the vertical size of display.
6. Clock   Press - / ◄ or + / ► to adjust parameter.
7. Phase   Press - / ◄ or + / ► to adjust parameter.
8. Scale Mode   Press - / ◄ or + / ► to select display format. Either 16:9 or Full.
9. Reset   Set default value settings

Note: Clock and Phase settings only available in VGA mode.

PIP / POP Modes

PIP is picture in picture mode. POP is picture on picture mode.

```
                            PIP

Multi Window        ◄        User        ►
Sub Source          ◄        AV1         ►
Size                ◄        Large       ►
Position            ◄        L U         ►
Border Color        ◄        Black       ►
Sound Source        ◄        Main        ►
Swap                ◄
```

  1. Multi Window   Press - / ◄ or + / ► to select PIP, POP or Off mode.
  2. Sub Source   Press - / ◄ or + / ► to select AV or VGA mode.
  3. Size   Press - / ◄ or + / ► to adjust Sub Source window size – select from
Large, Small or Mid.
  4. Position   Press - / ◄ or + / ► to select position of Sub Source window – select
                            from LU, RD, RU and LR.
  5. Border Color   Press - / ◄ or + / ► to select border colour of Sub Source window.
  6. Sound Source Press - / ◄ or + / ► to select Main or Sub mode.
  7. Swap   Press S / Select to swap the source of Main or Sub.

  Note: AV1 and AV2, HDMI and VGA cannot be displayed at the same time on the monitor in
PIP/POP mode.

Caring for your Monitor
Ensure that the LED monitor screen is only cleaned with a soft, water dampened, lint free cloth. Do not soak the cloth allowing water to penetrate the casing. The monitor case can be cleaned with a mild detergent but do not use those based on alcohol, methylated spirits or ammonia. Avoid using the monitor in wet or humid conditions and keep away from direct sunlight or others equipment producing heat, oil, steam, moisture or dust. Also avoid touching the monitor screen.

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