19-inch LCD Display Unit

ST-HDLED18.5

User Manual

Thank you for purchasing our product. If there is any question or request, please do not hesitate to contact us. This manual may contain technical or printing errors, and the content is subject to change without notice. The updates will be added into the new version of this manual.

For further assistance please contact technical support at 1-800-688-9282, press 3 then 2.

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19-inch LCD Display Unit User's Manual

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Chapter1. Introduction

1.1 Key Features

- Supports 1366 x 768 resolution
- User-friendly operation menu
- Three image modes to adapt to different environments
- 1 channel HDMI 1.3 input interface）
- Supports software spread-spectrum technology to reduce EMI radiation
- Standby Power Consumption is lower than 0.5W
- Viewing Angle:Horizontal 90°, Vertical 65°

1.2 Power Supply Connection

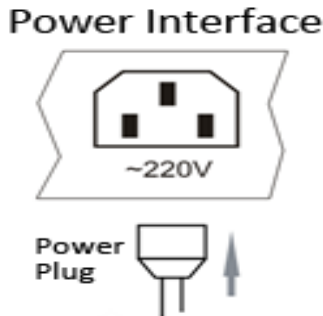Insert the 3-pin power plug into a properly grounded socket and turn the rocker switch on.

Figure 1.1 Power Input

- Power input specification from 100VAC to 240VAC or provide automatic switching between high line and low line input ranges.
- Turn off the main power switch of the display unit, and pull the plug from the power outlet if the display unit will not be used for a long time.
- Never connect the device to DC power.
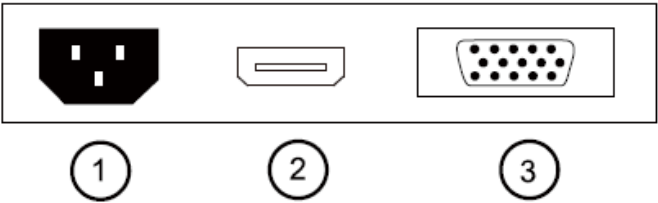
Chapter2. Device Interfaces

Figure 2.1 Rear Panel of Device

Interfaces	Description
POWER IN	Power Input
HDMI IN	HDMI Digital Signal Input
VGA IN	VGA Analog Signal Input

Chapter3. Panel Keys

Keys on the lower right corner of the display unit panel are shown in Figure 3.1

Figure 3.1 Keys on the Display Unit

The functions of the keys on lower right corner of the display unit vary according to different situations. The functions are shown in the flow chart below:

1	AUTO	Hot key to automatically optimize positions, phase and clock when OSD is not shown. To exit OSD MENU when OSD is shown.
2	►	Hot key to adjust brightness. Up selection button.
3	◄	Hot key to adjust contrast. Down selection button.
4	MENU	Press it to open the OSD MENU, to select MENU options when the OSD MENU is displayed.
5	⏻	Power on or off; LED-On Normal; LED flicker:Power Saving; LED-Off:Power Off.

Chapter4. Basic Operation

4.1 Contrast

Turn on the display unit when the power supply is on and input source is confirmed.

Press ◄ key of the remote controller to enter the menu as shown on the right. press ◄ or ► to adjust the value of contrast. Press **MENU** to accomplish the contrast adjustment.

Figure 4.1 Input Source

4.2 Brightness

Turn on the display unit when the power supply is on and input source is confirmed.

Press ► key of the remote controller to enter the menu as shown on the right. press ◄ or ► to adjust the value of brightness. Press **MENU** to accomplish the brightness adjustment.

Figure 4.2 Input Source

4.3 Auto Adjust

Turn on the display unit when the power supply is on and input source is confirmed.

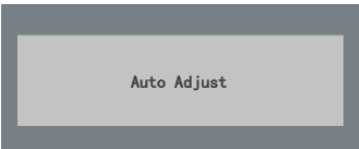Press **AUTO** key of the remote controller to enter the menu as shown on the right(In VGA Signal).

Figure 4.3 Input Source

4.4 Main Menu

4.4.1 Image Settings

Purpose:

You can adjust the picture parameters by switching image modes and adjust the values of contrast, brightness, color temperature, auto adjust, color adjust.

Steps:

1. Press **Menu** key to enter the main menu interface as shown below.
2. Press **MENU** key to enter the setting you want.
3. Press ◄ or ► to adjust the value. It applies for adjusting contrast, brightness, color temp and other parameters.

NOTE

- Contrast, Brightness: Press ◄ or ► to set the contrast. The range varies from 0-100.
- Color temperature : Press ◄ or ► to set the color temperature you need.
- Gray indicates that under current mode or current input source condition it is not adjustable; Yellow indicates that it is adjustable.

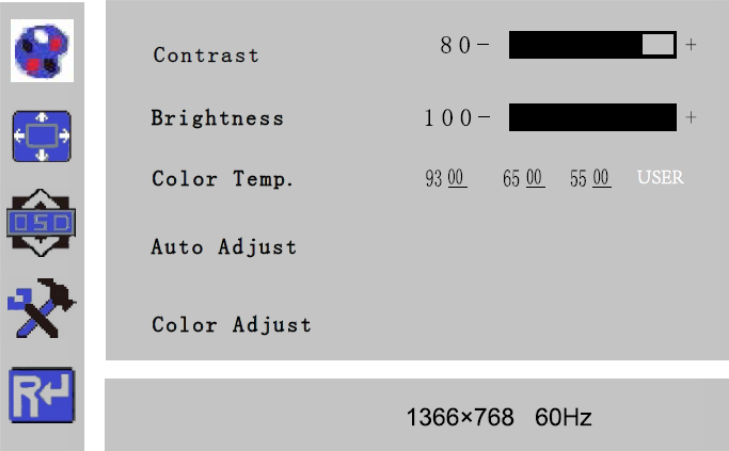4. Press **AUTO** key to return to the main menu after accomplishing the adjustment.

Figure 4.4.1 Image Settings

4.4.2 Image Adjustment

Purpose:

When the input source is selected VGA, you can adjust the VGA parameters. It is for adjusting VGA H position, V Position, clock and phase.

Steps:

1. Press **Menu** key to enter the main menu interface.
2. Press ◄ key to enter the VGA parameter setting interface. (You can select **Auto Adjust** and press ◄ or ► to adjust the VGA parameters automatically or adjust it manually)
3. Select **H Position** and press ◄ or ► to adjust the **H Position**
4. Select **V Position** and press ◄ or ► to adjust the **V position**.
5. Select **Clock** and press ◄ or ► to adjust the **clock**.
6. Select **Phase** and press ◄ or ► to adjust the **phase**.

NOTE

The range of the adjustment varies between 0-100.

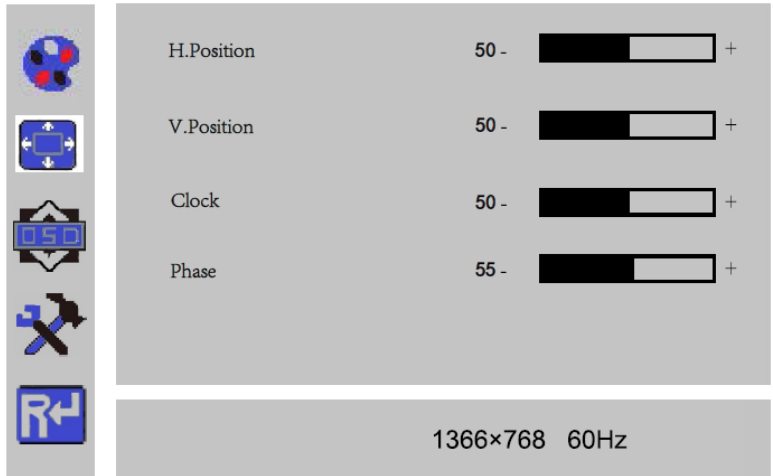7. Press **Menu** key to return to the main menu after accomplishing the adjustment.

Figure 4.4.2 Image Adjustment

4.4.3 OSD Setting

Purpose:

You can set the language, blending and OSD duration of the menu.

Steps:

1. Press **MENU** key to enter the main menu interface.
2. Press ◄ key twice and press**MENU** key to enter the 【**Language**】 interface, press ◄ or ► to switch the language you want.
3. Select **OSD H.Pos/OSD V.Pos** to adjust the position of OSD with ◄ or ►.
4. Select **OSD Timer** to adjust the OSD duration with ◄ or ►: **5Sec~60Sec**.
5. Select **Transparency** to adjust the OSD transparency value with ◄ or ►.
6. Press **AUTO** key to return to the main menu after accomplishing the adjustment.
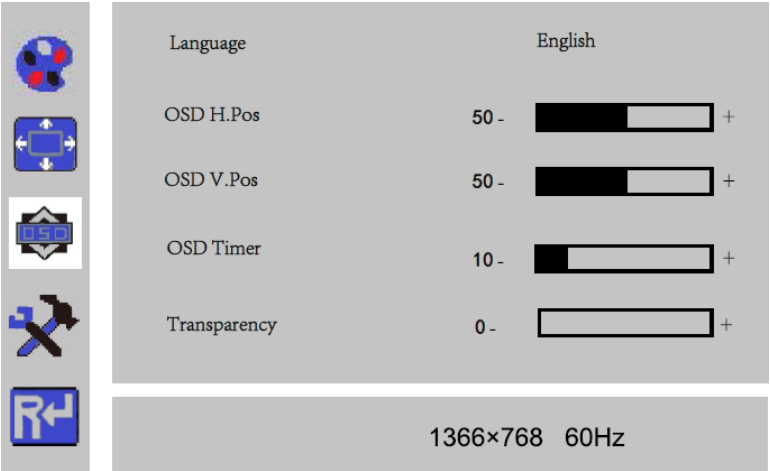

Figure 4.4.3 OSD Setting

4.4.4 Other Settings

Purpose:

You can set Mode, Signal Source, Aspect Ratio, DCR.

Steps:

1. Press MENU key to enter the main menu interface.
2. Press triple◄ key and press MENU key to enter the **Mode** interface, press ◄ or ► to switch the mode between **PC/GAME/MOVIE**.
3. Press ◄ or ► to change the **Signal Source** between **VGA** and **HDMI**. （**Only for DS-D5019Q E-B**）
4. Press ◄ or ► to switch the **Aspect Ratio** between **16:9/AUTO/4:3**.
5. Press ◄ or ► to switch the **DCR On**/**Off**.
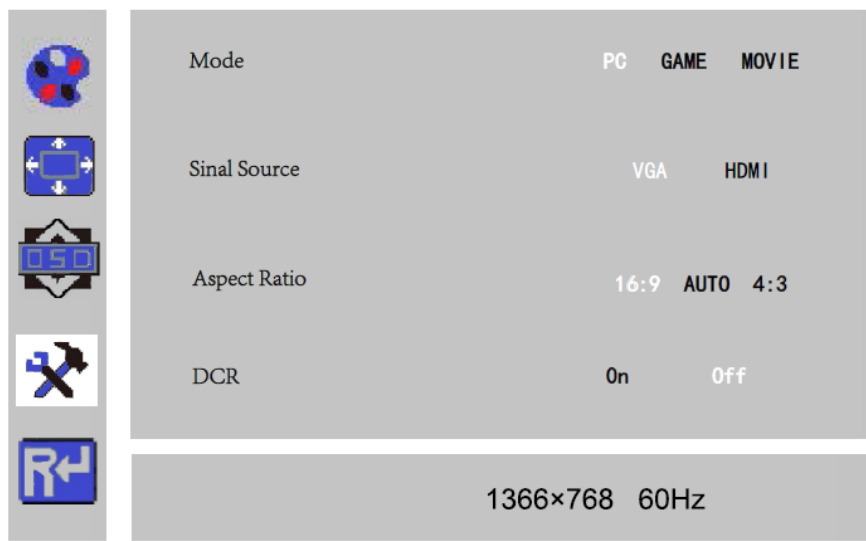6. Press **Menu** key to return to the main menu after accomplishing the adjustment.

Mode	PC	GAME	MOVIE
Sinal Source		VGA	HDMI
Aspect Ratio	16:9	AUTO	4:3
DCR	On		Off

1366×768 60Hz

Figure4.4.4 Other Settings

4.4.5 Reset Setting

Purpose:

You can reset settings to the factory defaults.

Steps:

1. Press MENU key to enter the main menu interface.

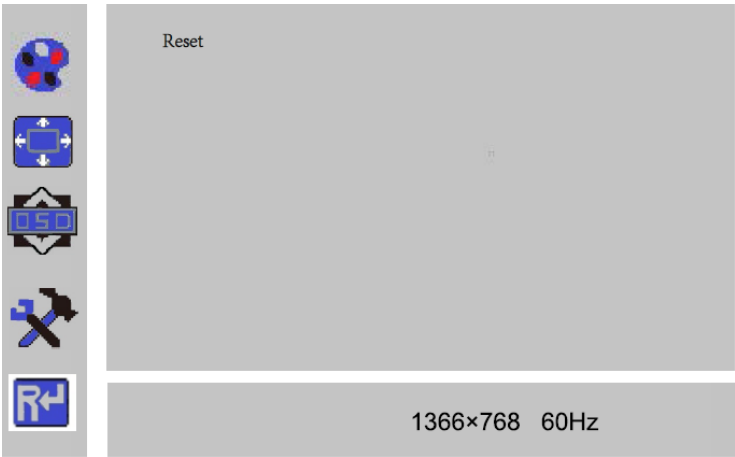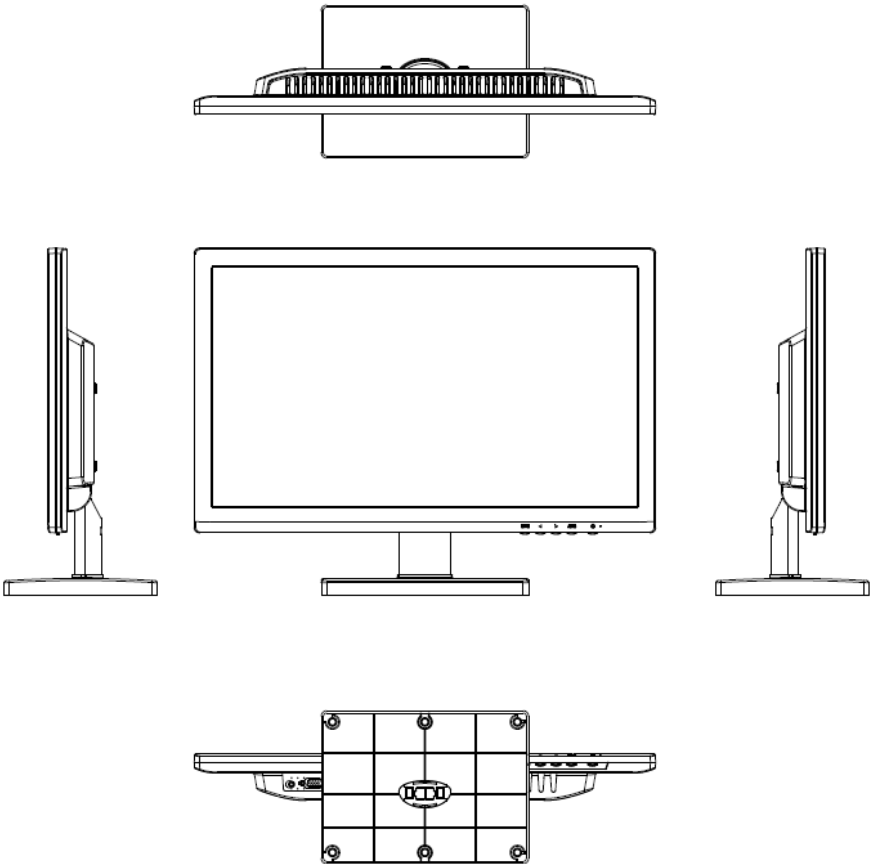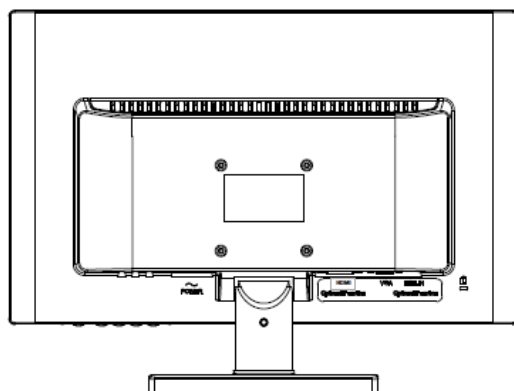**2.** Press ◄ key 4 times and press **MENU** key to reset settings to the factory defaults.

Figure 4.4.5 Reset Setting

Appendix: Specifications

Device Model	ST-HDLED18.5	
Display Type	TFT-LED Backlight	
Screen Size	18.5"	
Dot Pitch	0.300×0.300 mm	
Max Resolution	1366×768	
Best Operation Resolution	1366×768@60Hz	
Brightness	200cd/m²	
Contrast	600:1	
Response Time	5ms	
Color	16.7M	
Viewable Area	409.8×230.4mm	
Viewing Angle	Horizontal 90°, Vertical 65°	
Interfaces	VGA Input Port	1
	HDMI Input Port（Only for DS-D5019QE-B)	1
	AC Input Port	1
Power Supply	AC 100-240V; 50/60Hz	
Consumption	≤25W	
Standby Power Consumption	≤0.5W	
Operation Temperature	0°C~40°C (32°F~104°F)	
Operation Humidity	10%~85%	
Storage Temperature:	-20°C~55°C (-4°F~131°F)	
Storage Humidity:	5%~95%	
Bezel Material	Plastic	
Bezel Color	Black	
Wall-mounting Dot Site	75×75mm	
Wall-mounting Thread	M4	
Device Dimensions	446×335×148mm	
Package Dimensions	490×333×101mm	
G.W.	3.5Kg	
N.W.	2.8Kg	
Standard Package	Display Unit	1
	VGA Cord	1
	User Manual	1
	Power Cord	1

Structure Figure

SECURITYTRONIX 1-Year Limited LED Display Warranty

Securitytronix. (the "Company") warrants to the Original Purchaser that the LED Display is free from defects in workmanship or material under normal use. This warranty starts on the date of shipment of the hardware to the Original Purchaser.

During the warranty period, the Company agrees to repair or replace, at its sole option, without charge to Original Purchaser, any defective component in the LED Display. To obtain service, the Original Purchaser must return the LED Display to the Company properly packaged for shipping. All defective products must be returned to the Company within thirty (30) days of failure. Products must be returned with a description of the failure and Return Merchandise Authorization (RMA) number supplied by the Company. To receive a RMA number and a return shipping address on where to deliver the hardware, call 610-429-1821. The shipping, and insurance charges incurred in shipping to the Company will be paid by Original Purchaser, and all risk for the hardware shall remain with the Original Purchaser until such time as Company takes receipt of the hardware. Upon receipt, the Company will promptly repair or replace the defective unit, and then return said unit to Original Purchaser, shipping prepaid. The Company may use reconditioned or like-new parts or units, at its sole option, when repairing any hardware. Repaired products shall carry the same amount of outstanding warranty as from original purchase. Any claim under the warranty must include dated proof of purchase or invoice. In any event, the Company's liability for defective hardware is limited to repairing or replacing the hardware.

This warranty is contingent upon proper use of the hardware by Original Purchaser and does not cover: if damage is due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), accident, unusual physical, electrical, or electromechanical stress, modifications, neglect; misuse, operation with media not approved by the Company, tampering with or altering of the hardware, war, invasion, act of foreign enemies, hostilities (regardless of whether war is declared), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption or failure of electricity, air conditioning, or humidity control, internet, network, or telephone service

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The Company shall not be liable to your for loss of data, loss of profits, lost savings, special, incidental, consequential, indirect, or other similar damages arising from breach of warranty, breach of contract, negligence, or other legal action even if the Company or its agent has been advised of the possibility of such damages, or for any claim brought against your by another party. Jurisdictions vary with regard to the enforceability of provisions excluding or limiting liability for incidental or consequential damages. You should check the laws of your local jurisdiction to find out whether the above exclusion applies to you.

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