

# **19-inch LCD Display Unit**

## **User Manual**

M6MM0M1806W003

Thank you for purchasing our product. If there is any question or request, please do not hesitate to contact us. This manual is applicable to **HDLED18.5 Series** monitors.

This manual may contain several technically incorrect places or printing errors, and the content is subject to change without notice. The updates will be added into the new version of this manual. We will readily improve or update the products or described in the manual.

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## 19-inch LCD Display Unit User's Manual

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# Chapter1. Introduction

## 1.1 Key Features

- Support 1366× 768 HD display;
- User-friendly operation menu;
- Three image modes to adapt different environment;
- 1 channel HDMI 1.3 input interface; (Only for DS-D5019QE-B)
- Support 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 device into well-grounded socket and turn the rocker switch on.

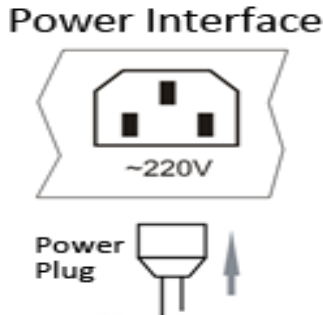


Figure 1.1 Power Input

- 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 a DC power.

# Chapter2. Device Interfaces

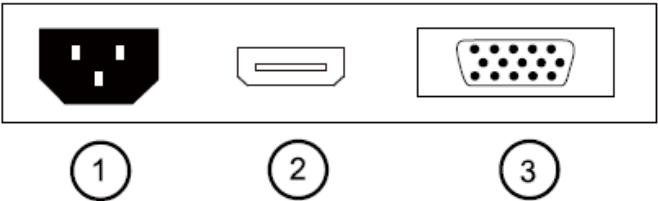


Figure 2.1 Rear Panel of Device

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

# Chapter3. Panel Keys

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

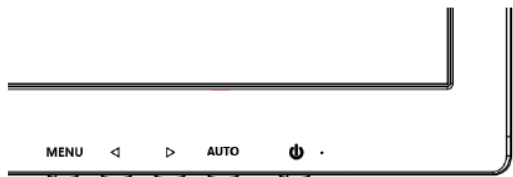


Figure 3.1 Keys on the Display Unit

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.



- 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.

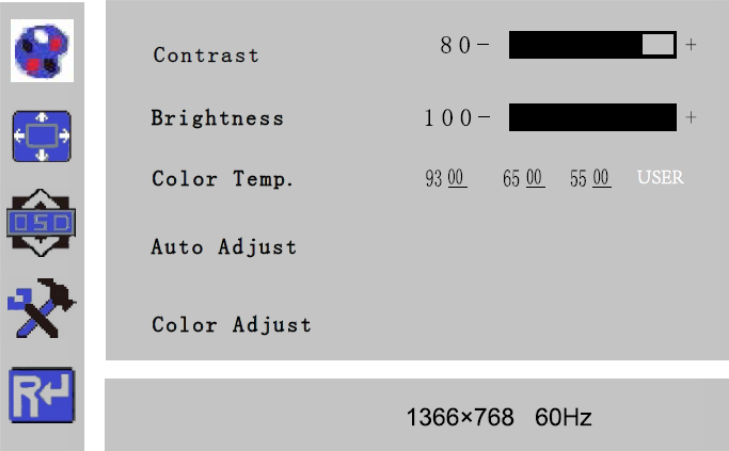


Figure 4.4.1 Image Settings

# 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, VPosition, 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**.



The range of the adjustment varies between 0-100.

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

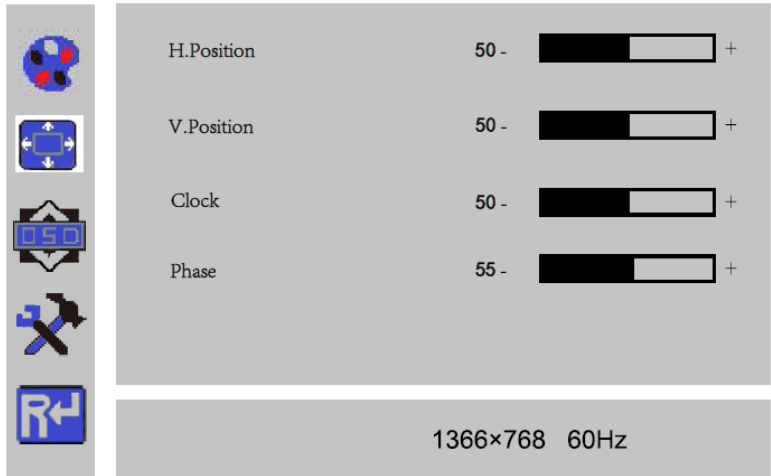


Figure 4.4.2 Image Adjustment

### 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.

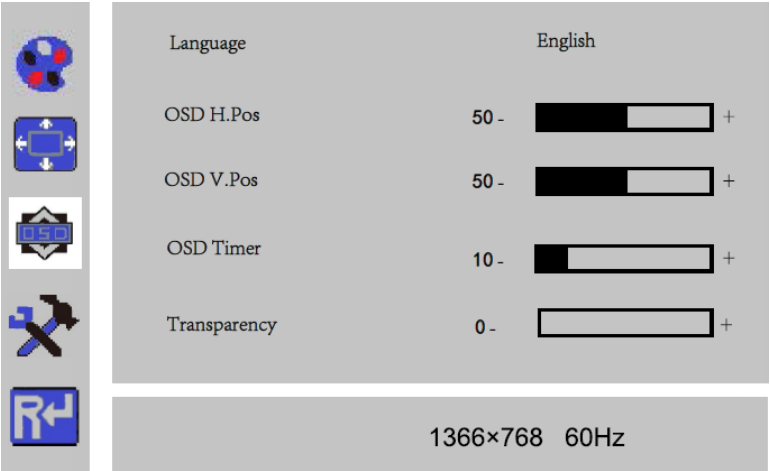


Figure 4.4.3 OSD Setting

# 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-D5019QE-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.

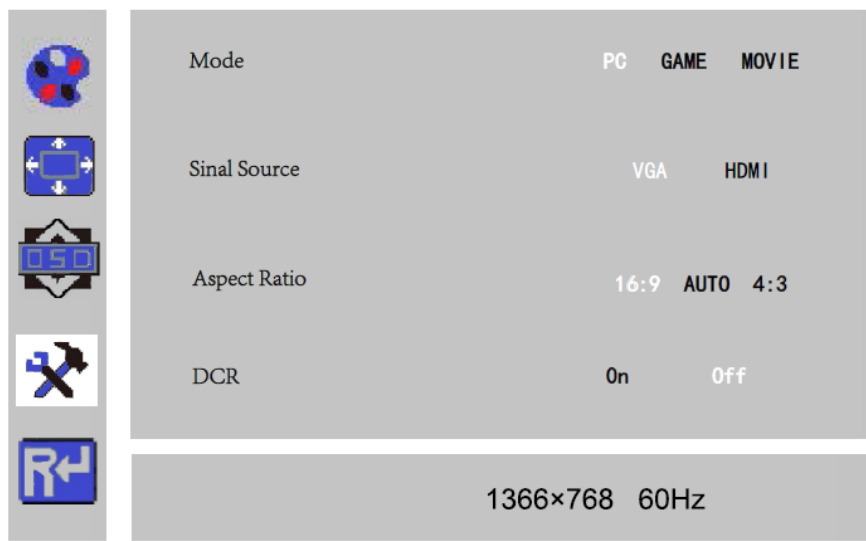


Figure4.4.4 Other Settings

# 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.

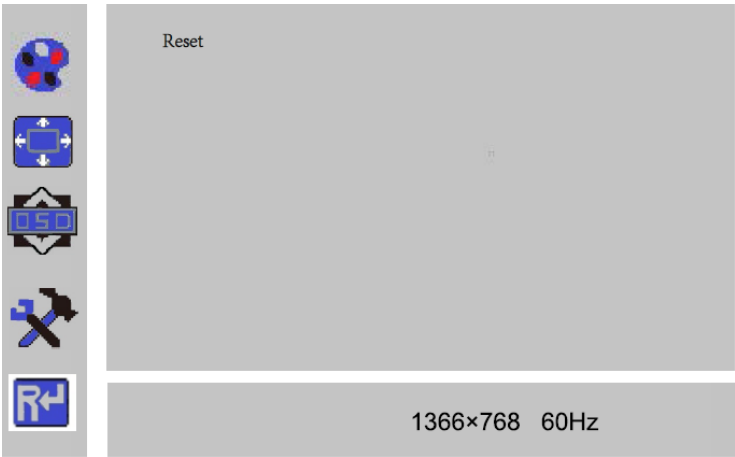


Figure 4.4.5 Reset Setting

## Appendix: Specifications

Device Model	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/m <sup>2</sup>	
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

