



# LCD MONITOR

## User Manual



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## Important information

### Safety warning

To use the product safely and rightly and to keep users from suffering hurt or property loss, please observe the following safety precautions when installing, using and maintaining. Please read this handbook before operating the product and keep the handbook for future reference.

- Notice and observe all the warnings and illustration.
- Do not adjust, maintain or modify if you don't have corresponding qualifications.
- Do not open or remove the rear cover, box or cover board of the product. Please contact the dealer or after-sales service center when needing internal checking, adjustment and maintaining.
- Do not place article on the product. The product might be damaged if foreign matters enter the internal unit.
- Do not tread or squeeze the power line, especially on the plug, outlet or the place where the cable extends out of the product.
- Do not put the product in inflammable or corrosive gaseous environment, which might cause fire or damage the product. Putting the product in inflammable gas is easy to cause dangerous explosion.
- Please cut off power or the connecting line immediately if there is smoking, off-odour or abnormal noise. Contact the after-sales service center to maintain after affirming there is no more smoking or off-flavor. It might cause fire if it is used without maintaining.
- Only qualified servicemen can maintain. If the product gets any kind of damage, such as damage to plug, splash or foreign matter into the facility, exposed to rain or humidity, not able to function or dropped from the high, please maintain it immediately.
- Do not expose the product to the rain or chemicals. If the product is moist, please dry it before turn on the power.
- Turn off the power when clean the product.
- Installment of unsuitable facility might cause the fall of the facility or other accidents. Fasten the screw of every component when installing.
- Do not touch the fixed component inside the facility, otherwise it might cause damage to people or to the facility.
- Be careful when maintaining inner body even if the power is cut off. Some facilities are equipped with UPS, and they can continue to supply power which is dangerous to people after the power is cut off.

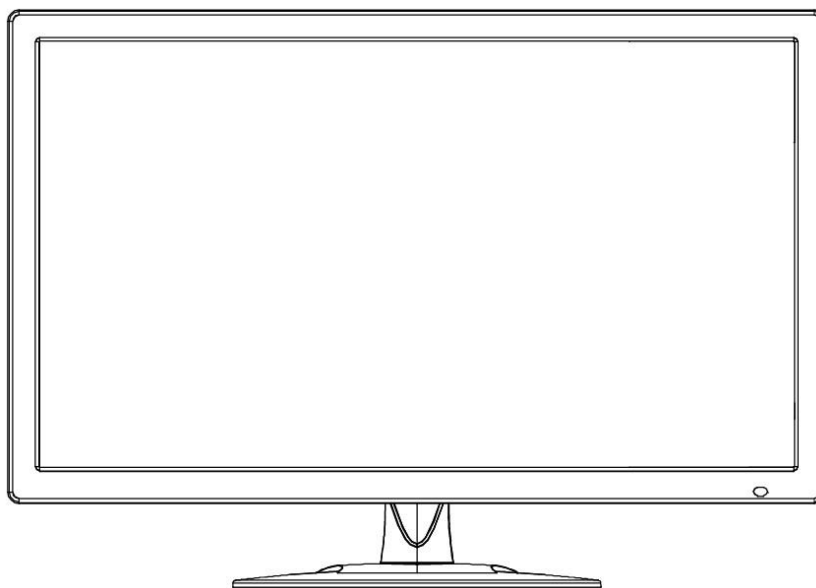
## Notes

- Please put the facility in flat, stable and draughty place and avoid direct sunlight, high temperature, humidity, dust and corrosive gas.
- If the product is installed on the wall, please make sure the wall's load bearing is enough. To avoid falling and hurt people, install according to the illustration.
- The LCD might get nebulized when the temperature variation is big, which will cause image distortion or decay of color. Wait for a moment (with power on) and the nebulization will disappear.
- Do not block up the ventilation opening. Install the facility according to this handbook.
- Do not install the facility near any heat source such as radiator, heat register or stove.
- Do not use unqualified connecting lines, which might cause equipment failure.
- Do not press, stretch or heat the connecting line, which might cause damage to it.
- Please firmly grasp the plug of the connecting line when inserting and drawing. Pulling the connecting line emphatically might cause damage to it.
- Cut off power and the connecting line immediately and contact the after-sales service center if the facility or the connecting line is damaged for some reason. Continuing using without maintaining might cause smoking or off-flavor.
- Do not hang or shin on the facility, which might cause the facility to fall, upset or damaged and cause hurt to people. Be more careful when there are kids near the facility.
- Please cut off power for safety if not using the facility for a long time.
- Do not let the connecting line get squeezed by the wall or buckle, pull or twine the connecting line overly.
- Make sure the power and the connecting line are cut off when moving the facility. ● Keep the facility from getting collided, which might cause equipment failure.

## Introduction to the product

Thank you for buying this CCTV Display. We wish you to enjoy this product in the next few years. The power dissipation is low no matter in viewing mode or standby mode, which means you make contribution to energy saving. We are introducing the function of the product here and we hope it can enrich your usage experience.

### Product appearance



### Performance feature

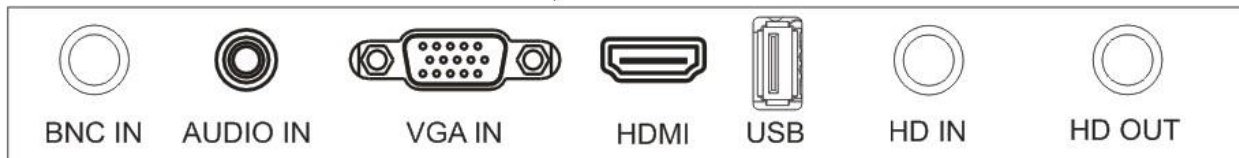
- Supports 3D comb-filter and 3D de-interlace.
- Low energy consumption, long service life.
- High contrast ratio and high luminance.
- Automatically eliminates ghosting.
- Rapid response times, no trailing image.
- Thin and light.
- Support TVI & AHD & CVI 2MP camera display.

Full HD LCD panel with top-ranking video process chip, enhancing the effect of display of high-definition images. The functions such as low power dissipation, dust prevention, moisture protection and shock resistance effectively lengthen the service life of CCTV Display

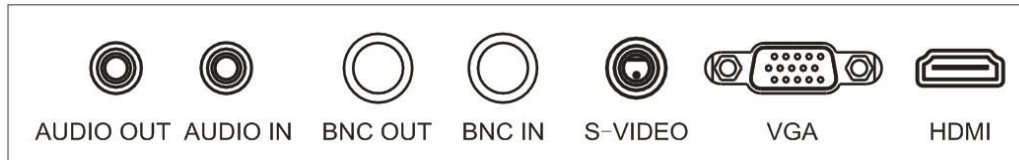
## Connecting external device

Please connect the monitor to external devices according to the following I/O interface list, and choose corresponding signal incoming channel.

Port A:



Port B:



- A. BNC IN: CVBS input
- B. AUDIO IN: Stereo Audio input
- C. VGA IN: VGA input
- D. HDMI IN: HDMI input
- E. USB: For Service (Firmware Update).
- F. HD IN: AHD & TVI & CVI&CVBS input
- G. HD OUT: AHD & TVI & CVI & CVBS output
- H. S-VIDEO (Y/C) INPUT: Mini-DIN 4 pins Connector




#### Attention

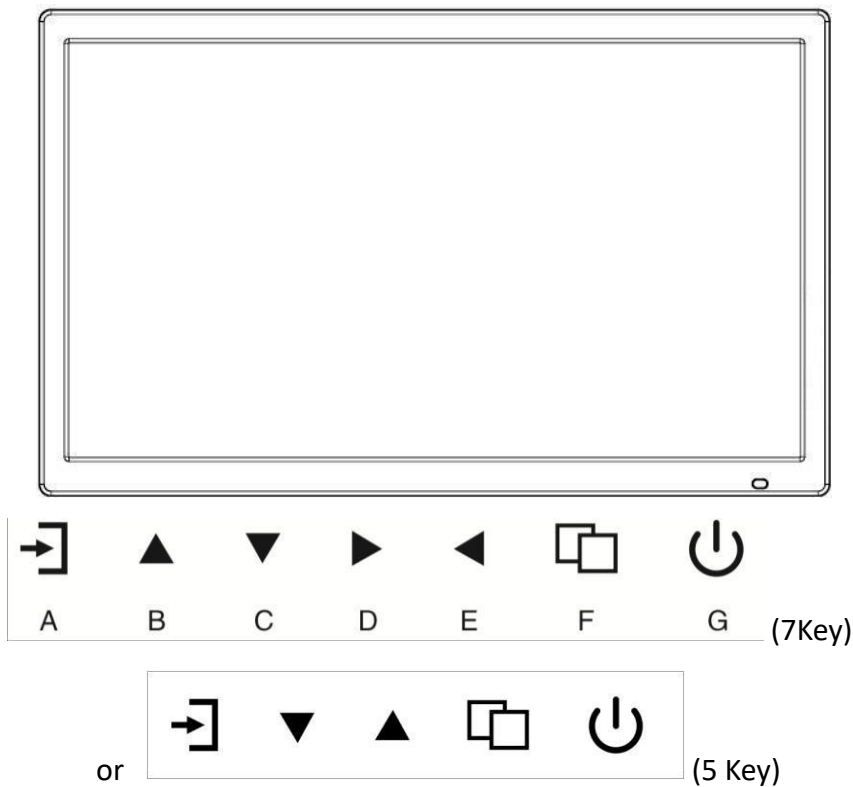
- Please cut off the power of the external device and this product to make sure the connection is normal.

## Illustration of the main menu

### Main menu

Press the menu button on the bottom left of the screen, and the main menu displayed on the screen. The submenus of the main menu: PC menu, Audio menu, Picture menu, Function menu ,OSD menu and Geometry menu.

Press the menu button to choose the submenus. The menu chosen will show a lit wireframe, and press  button to move among the secondary menus of the submenu.



#### A. “Source” button

- Press the button to display all the signal channel menus.

#### B. “Upward” button

- Press the button to move the cursor to the needed function.
- Press the button to choose function OSD menu.

#### C. “Downward” button

- Press the button to move the cursor to the needed function.
- Press the button to choose function OSD menu.

#### D. “Rightward” button

- Press the button to move the cursor to the needed function.
- Press the button to choose function OSD menu.

#### E. “Leftward” button

- Press the button to move the cursor to the needed function.
- Press the button to choose function OSD menu.

#### F. “Menu” button

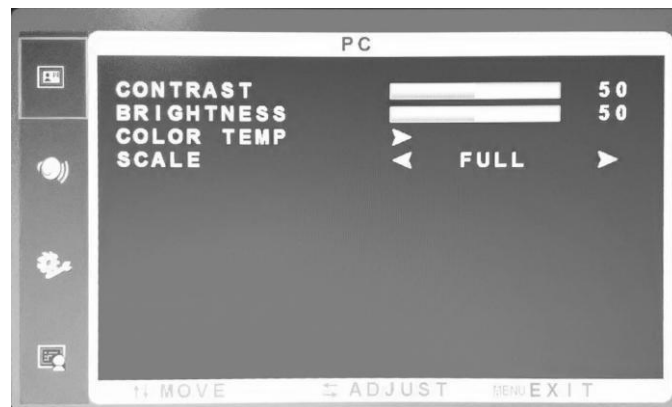
- Press the button to display the OSD main menu.
- Choose an affirming button in OSD.

#### G. “Power” button

- Press the button to turn on or turn off the displayer.

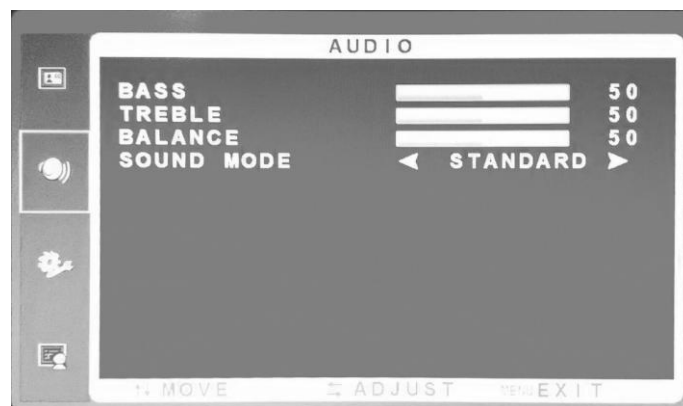
### PC menu

PC menu can set contrast, brightness, color temp and scale. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.



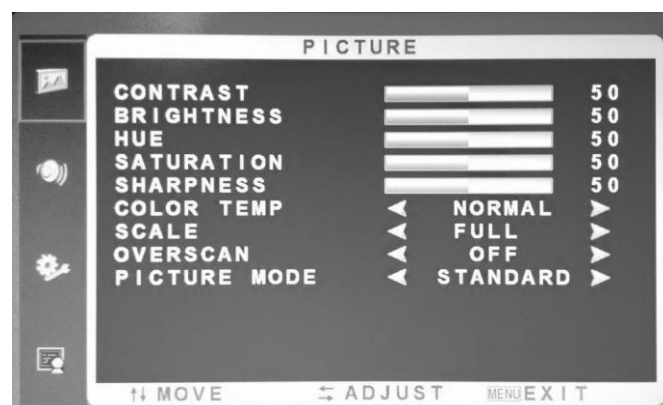
## Audio menu

Audio menu can set bass, treble, balance, sound mode. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.



## Picture menu

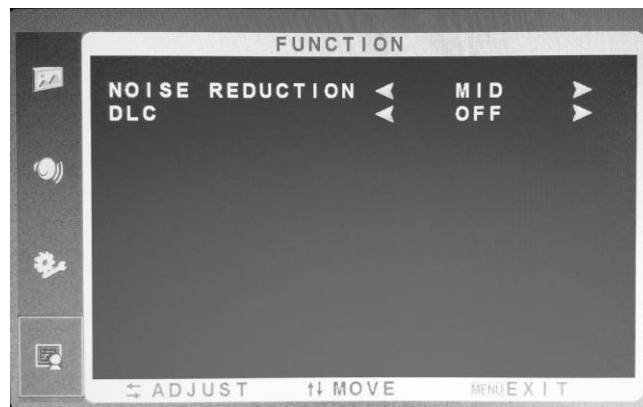
Picture menu can set contrast, brightness, hue, saturation, sharpness, color temp, scale, overscan and picture mode. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.



## Function menu

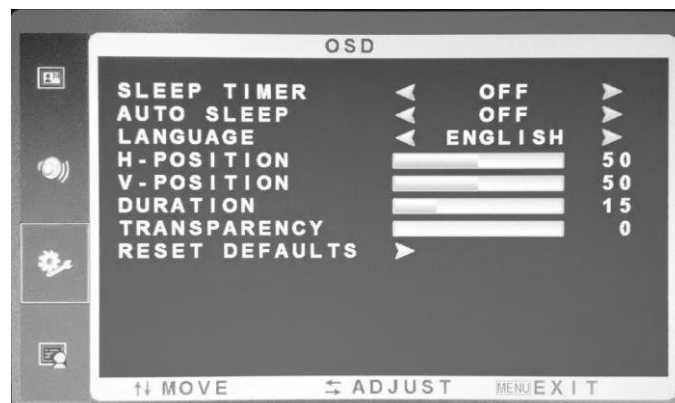
Function menu can set noise reduction and DLC. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.





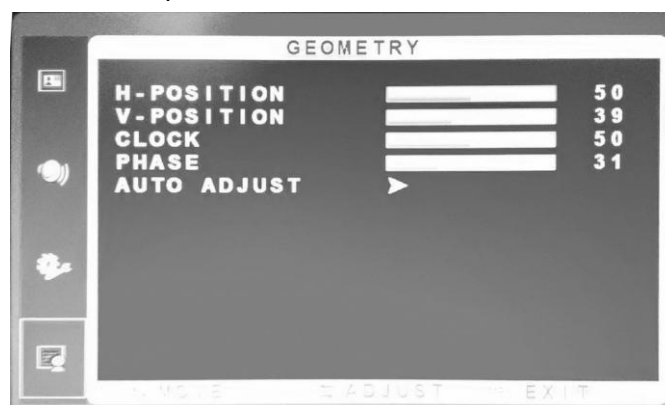
## OSD menu

OSD menu can sleep timer, auto sleep, language, H-position, V-position, duration, transparency and reset defaults. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.



## Geometry menu

Geometry menu can set H-position, V-position, clock, phase and auto adjust. Press ◀▶ button to adjust, press ▲▼ button to move, press menu button to exit.



## Channel selection

"Source" menu can select channel, the options include VGA, HDMI, BNC, CAM. Press ▲▼ button to select, press menu button to exit.

## The way of cleaning

1. Please wipe dust and other particles with clean downless mull.
2. If it is still not clean, please smear diluent neutral cleaner free from brightener on the clean downless mull and wipe with it. Wipe dry with a dry mull after cleaning it.
3. Rubbing or knocking the housing with fingernails or other hard objects might cause scratch.

## Trouble shooting

Before consulting service staff, please find out the possible reason for the problem and the possible solution according to the following chart.

### Trouble shooting ways

Phenomenon	Handling method										
	1	2	3	4	5	6	7	8	9	10	11
No image or sound	⊕	⊕	⊕		⊕				⊕	⊕	
Inferior sound, normal image	⊕	⊕		⊕	⊕				⊕		
Inferior image, normal sound	⊕		⊕	⊕	⊕	⊕			⊕		
Poor signal	⊕	⊕	⊕		⊕				⊕		
Vague image	⊕		⊕		⊕				⊕		
Double image	⊕	⊕	⊕		⊕						
Interfering lines in image	⊕		⊕	⊕	⊕						
Twisty image	⊕		⊕		⊕				⊕		

Poor signal	⊕	⊕	⊕	⊕	⊕				⊕		
Rung stripe in image			⊕	⊕							
Image vertically scrolls	⊕		⊕	⊕					⊕		
Inferior color	⊕		⊕	⊕	⊕	⊕	⊕	⊕	⊕		
No color	⊕		⊕		⊕			⊕	⊕		

Processing Method	
1	Alter to another channel or signal path.
2	Check whether the signal line is connected.
3	Check whether the signal line is connected.
4	Might be disturbed by other electric appliance.
5	Adjust fine tuning setting.
6	Adjust luminance setting.
7	Adjust contrast ratio setting.
8	Adjust color setting.
9	Check whether the system is set rightly.
10	Check whether the power is on.

certificate of approval
Inspector:  Inspector date:  The product accords with the technical criteria and is allowed to sell

## OPERATION WARRANTY

Dear customers:

We appreciate you very much for your choice of our monitors. In order to guarantee the good quality, all the monitors have been checked strictly before they leave factory. On behalf of our company, we promise you a good quality and completion of monitor components. If there appears any operation problem, please contact with our appointed agents in time to arrange the reparation. The operation warranty time counts from the day you purchase the monitor to the twelfth month ended with the same date when you purchased the monitor. By this warranty card, we will fix your monitor free of charge during this year. The free ranges from manual fee to spare parts fee(excluding panel).

When your reparation need transportation you should use the original packing and quake proof packing. At the same time never forget to put the warranty card inside.

In caes of the following conditions,the operation warranty will not work:

- 1.The monitor is damaged by wrong operation,accident of natural disaster;
- 2.The monitor has been fixed or re-equipped by other company s ' Technicians;
- 3.The Series NO.has been changed or eliminated;
- 4.The monitor has not beet equipped in accord with the dirctions provided .

The operation warranty service time will the not be extended.By the finalization of twelve months operation warranty, we will start another warranty(reparation) for three years, But the spare parts fee will be charged for this warranty.

### CERTIFICATE

Commodity:color monitor

Production Date: \_\_\_\_\_

Tester \_\_\_\_\_

Through the test of Quality Control Department in our company, the product has been proved that the function parameter has reached the technique criteria. They are permitted to leave factory.



### REPARATION WARRANTY

Customer Name \_\_\_\_\_

Product Model \_\_\_\_\_

Contact Tel \_\_\_\_\_

Purchasing Date \_\_\_\_\_

Ser ies No \_\_\_\_\_

Sel ler \_\_\_\_\_