

# User Manual



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## Important Safety Instructions:



The device has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the device should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Please do not place the display screen towards the ground to avoid scratching the LCD surface.
- Please avoid heavy impact.
- Please do not use chemical solutions to clean this product. Simply wipe with a clean soft cloth to maintain the brightness of the surface.
- Please do not block any vent hole.
- Please follow the instructions and trouble-shooting to adjust the product.

Internal adjustments or repairs must be performed by a qualified technician.

- Please keep user guide for future reference.
- Please unplug the power if long-term no-use, or thunder weather.

# 1. Product Description

## 1.1 Main Features

- 10-point capacitive touch screen
- 1500cd/m<sup>2</sup> high brightness
- IP65 front panel waterproof and dustproof
- Support multiple video input interfaces: HDMI, VGA, Type-C
- Support HDMI 4K 30Hz
- Support Windows XP/7/8/8.1/10, Android, Linux and MAC OS

## 1.2 Rear Case



1) Power Button: Power on/off

2) EXIT Button: Return button for menu

3) ▷ Button: Press it to increase backlight as default when power on; Select options downward in the menu.

4) ◀ Button: Press it to decrease backlight as default when power on; Select options upward in the menu.

5) MENU Button: Press it to display the menu on the screen when power on. Press it to confirm the option selected.

6) INPUT Button: Switch among of VGA, HDMI and Type-C signals. Aspect function under VGA version and HDMI version.

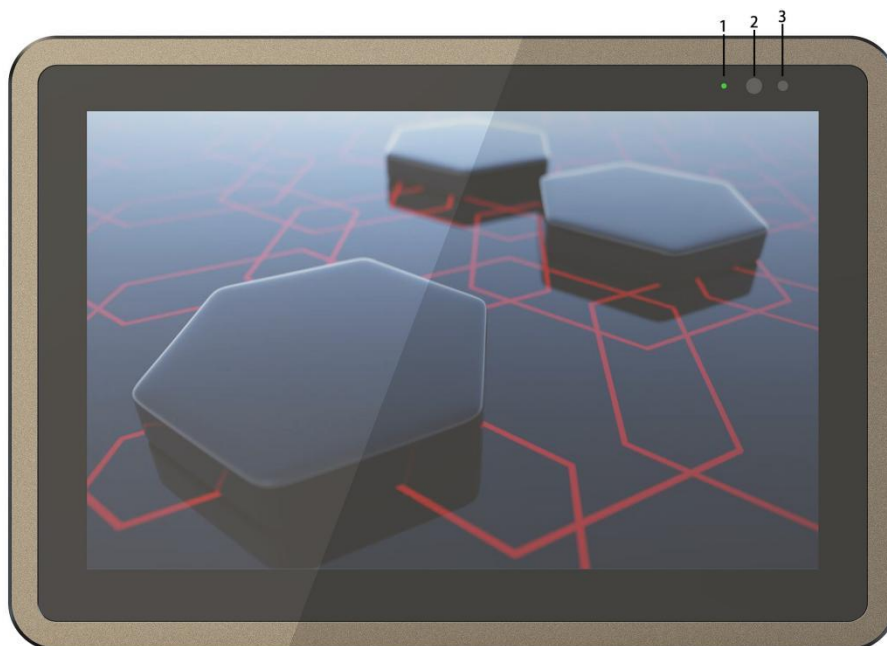
7) Power Input: DC 10-24V

8) Type-C Input

9) VGA Input

10) HDMI 1.4b Input

11) Earphone Jack (3.5mm)



1) Power indicate light

2) Infrared window

3) Light sensor

## 2. Menu Setting

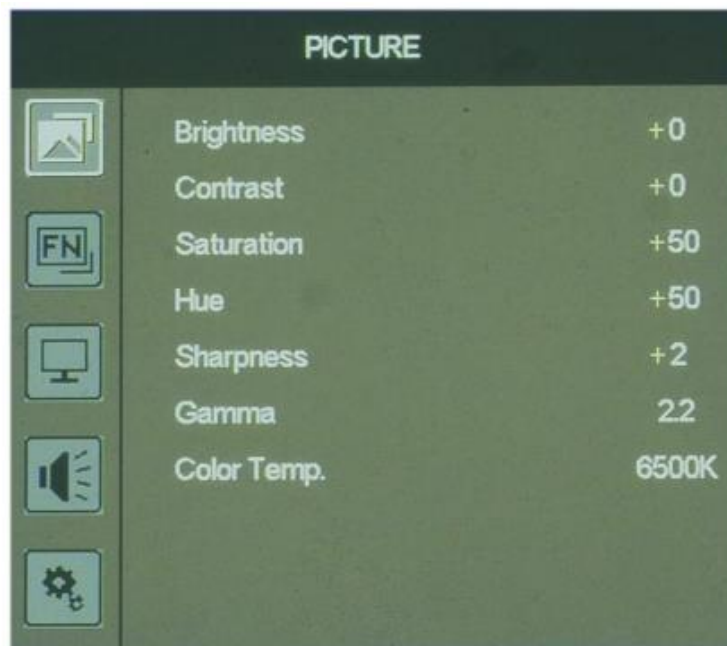
Before setting the functions, please make sure the device is connected correctly.

### 2.1 MENU/ ▷ / ◁ Button

- Press MENU button, the menu will pop up on the screen. Then select item as the following sequences via pressing ▷/◁ button: PICTURE /FUNCTION / VGA / AUDIO / SYSTEM. Press MENU button again to enter into the item you select.
- Press ▷/◁ button to adjust options or values in the selected item. Then press MENU button to apply and save the setting, and press EXIT button to exit.
- When Menu is inactivated, press ▷/◁ button to adjust backlight. Then select item as the following sequences via pressing MENU button: Volume / Contrast / Saturation / Brightness and Exit. Press ▷/◁ button again to adjust the value in the selected item.

### 2.2 Menu Operation

#### 2.2.1 PICTURE



ITEMS	OPTIONS
Brightness	0-100
Contrast	0-100

Saturation	0-100		
Hue	0-100		
Sharpness	0-4		
Gamma	Off / 1.8 / 2.0 / 2.2 / 2.4		
Color Temperature	6500K / 7500K / 9300K / User		
	Red Gain	0-255	Note: Only available when under [User] mode to adjust R/G/B gain and offset.
	Green Gain	0-255	
	Blue Gain	0-255	
	Red Offset	0-511	
	Green Offset	0-511	
	Blue Offset	0-511	

- **Brightness**

Adjust the brightness of the LCD Screen, adjustable range: 0-100.

- **Contrast**

Adjust the contrast of image, adjustable range: 0-100.

- **Saturation**

Adjust the saturation, adjustable range: 0-100.

- **Tint**

Adjust the hue of the image, adjustable range: 0-100.

- **Sharpness**

Adjust the sharpness of image, adjustable range: 0-4.

- **Gamma**

Options: Off / 1.8 / 2.0 / 2.2 / 2.4

- **Color Temperature**

Options: 6500K / 7500K / 9300K / User. The standard color temperature is 6500K.

Note: Only available when under [User] mode to adjust R/G/B gain and offset.

## 2.2.2 FUNCTION



ITEMS	OPTIONS	
Scan	Aspect / Pixel To Pixel / Zoom	
Aspect	Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2	Only available under [Scan]-[Aspect] mode
Overscan	Off / On	Only available under [Scan]-[Aspect] and [Zoom] mode
Zoom	X1.5 / X2 / X3 / X4	Only available under [Scan]-[Zoom] mode
Image Flip	Off / H / V / H&V	
Freeze	Off / On	
No Signal Model	Sleep / Power Off / Normal	

- **Scan**

Options: Aspect / Pixel To Pixel / Zoom.

Note: Under [Pixel To Pixel] mode, Aspect, Display scan and Zoom cannot be adjusted. Under [Zoom] mode, Aspect cannot be adjusted.

- **Aspect**



Options: Full / 16:9 / 1.85:1 / 2.35:1 / 4:3 / 3:2.

Note: Only available under [Scan]-[Aspect] mode.

- **Overscan**

Options: Off / On

- **Zoom**

Options: X1.5 / X2 / X3 / X4

Only available under [Scan]-[Zoom] mode. Users can select zoom ratio according to different needs.

- **Image Flip**

Options: Off / H / V/ H&V

- **Freeze**

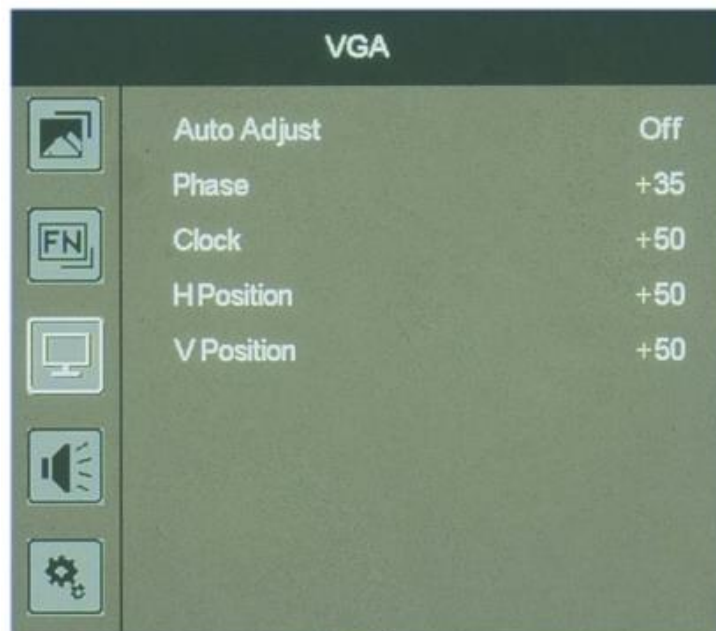
Options: Off / On .

Activate freeze function to freeze current picture when playing the video.

- **No Signal Model**

Options: Sleep / Power Off / Normal

## 2.2.3 VGA



ITEMS	OPTION
Auto Adjust	On / Off
Phase	0-100
Clock	0-100
H-Position	0-100
V-Position	0-100

- **Auto Adjust**

Select [On], the monitor can automatically adjust the position of the image. Select [Off], users can manually adjust the position of the image.

- **Phase**

Adjust internal phase sequence difference. Adjustable range: 0-100.

- **Clock**

Adjust internal oscillation frequency when interference occurs. Adjust this item, the image can be compressed or stretched left or right. Adjustable range: 0-100.

- **H-Position**

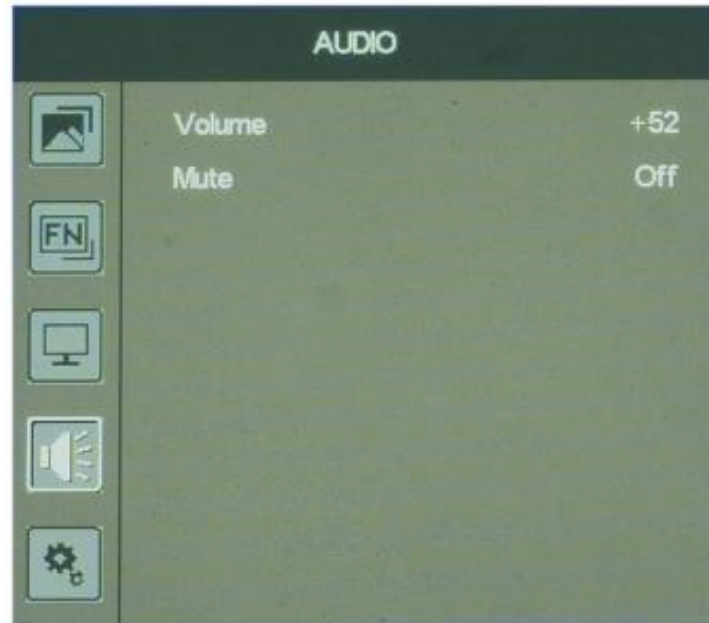
Horizontally adjust the position of the image on the screen. Adjustable range: 0-100.

- **V-Position**

Vertically adjust the position of the image on the screen. Adjustable range: 0-100.

Note: Only available under VGA mode.

## 2.2.4 AUDIO



ITEMS	OPTION
Volume	0-100
Mute	On / Off

- **Volume**

Adjust the volume of built-in speaker or earphone. Adjustable range: 0-100.

- **Mute**

Stop any audio output.

## 2.2.5 SYSTEM



ITEMS	OPTION
Language	English / 中文
OSD Timer	10s / 20s / 30s
OSD Trans.	0-100
OSD H-Position	0-100
OSD V-Position	0-100
OSD Rotate	Off / 90° / 270° / 180°
Backlight Mode	Standard / Sensor / User
Backlight	0-100
Reset	Off / On

- **Language**

Options: English / 中文.

- **OSD Timer**

Options: 10s / 20s / 30s.

- **OSD Trans.**

Adjust the transparency of OSD. Adjustable range: 0-100

- **OSD H-Position**

Adjust the OSD Horizontal Position. Adjustable range: 0-100

- **OSD V-Position**

Adjust the OSD Vertical Position. Adjustable range: 0-100

- **OSD Rotate**

Adjust the OSD Rotate. Options : Off / 90° / 270° / 180°

- **Backlight Mode**

Options: Standard / Sensor / User

Standard: The default is 50, Backlight brightness cannot be manually adjusted.

Sensor: The backlight brightness cannot be adjusted.

User: Adjustable backlight brightness.

- **Backlight**

Adjustable range: 0-100. When use USB-C cable to power monitor, the backlight will be fixed on 50.

- **Reset**

If there is any problem unknown, please select [On]. The monitor will restore factory defaults.

### 3. Parameters

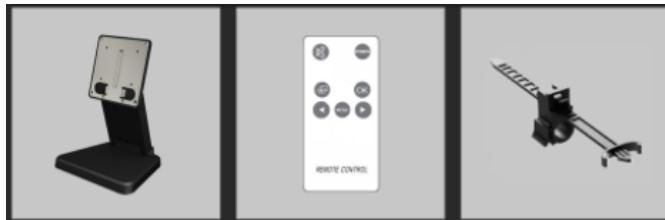
Screen Size	10.1"
Physical Resolution	1920 x 1200
Aspect Ratio	16:10
Brightness	1500cd/m <sup>2</sup>
Contrast	1000:1
Viewing Angle	170° / 170°(H/V)
Touch	Without touch / 10-point capacitive touch (for optional)
Input	HDMI, VGA, USB-C
Output	Earphone jack
Input Voltage	DC 12-24V
Power Consumption	≤19W (12V)
Operating Temperature	-20°C - 70°C
Storage Temperature	-30°C - 80°C
Dimension (LWD)	264x183x35.6mm
VESA Mount	75mm
Weight	1.31kg

## 4. Accessories



### Standard

- |   |         |
|---|---------|
| 1) 12V 3A DC Adapter                      | 1 piece |
| 2) HDMI A-A Cable                         | 1 piece |
| 3) USB C-C Cable (with screw)             | 1 piece |
| 4) USB A-C Cable (for Touch Version Only) | 1 piece |
| 5) Screw Kits                             | 4 sets  |



### Optional

- |                      |         |
|----------------------|---------|
| 1) VESA 75MM Bracket | 1 piece |
| 2) Remote Control    | 1 piece |
| 3) HDMI Cable Lock   | 1 piece |

## 5. Trouble Shooting

- **Only black-and-white display:**

Check whether the color saturation is properly setup or not.

- **Power on but no pictures:**

Check whether the cables of AV, HDMI, and VGA are correctly connected or not. Please use the standard power adapter coming with the product package. Improper power input may cause damage.

- **Wrong or abnormal colors:**

Check whether the cables are correctly and securely connected or not. Broken or loose pins of the cables may cause a bad contact.

- **Other problems:**

Please press MENU button, choose [SYSTEM]→ [Reset]→[On].

**Note:** Due to constant effort to improve products and product features, specifications may change without notice.