

# carnet<sup>x</sup>

## Manual of Operation

Color TFT LED Monitor  
CX7HDMIT



# Caution

- Please use the adapter attached in the accessory.
- Do not expose this product to direct sunlight, heat, or humid conditions.
- Keep away from strong light while using this product so as to obtain the clearest and most colorful picture
- Please avoid heavy impact or drop onto the ground.
- Do not use chemical solutions to clean this unit. Please simply wipe with a clean, soft cloth to keep the brightness of the surface.
- If the product does not operate normally when the instructions are followed, adjust only those controls that are covered by the instructions. Improper adjustment of other controls may result in damage and will often require extensive cost & repair.

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Dear users,

Thank you for purchasing the liquid crystal display monitor. This product employs new integrate circuits and high quality TFT LCD modules. It is putting out with its low power consumption, emits no radiation, and other advantage characteristics.

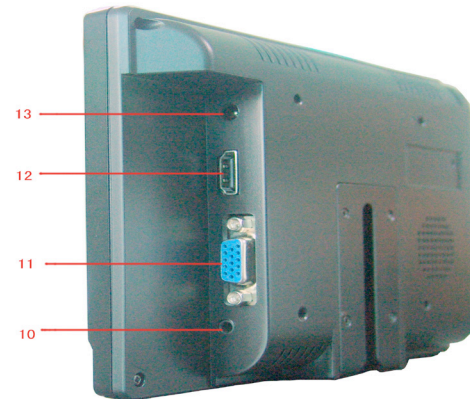
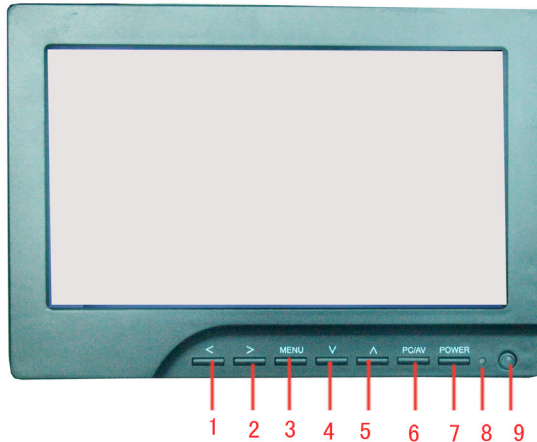
This product is shaped with modern style and is easy to be carried with. The color TFT LCD is the most suitable display for VGA,VCD, DVD and GPS system for motorcars and ships. It also can be used in the office, in flat, at home also in other suitable position. You will certainly benefit from this monitor in lots of ways, to name some of them: convenience, safety, space-saving.


We hope that you will have the enjoyment of your new mini color TFT LCD.

To ensure the best use of the unit, please read this handbook carefully beforehand.

# Product Description

## Desription of Monitor

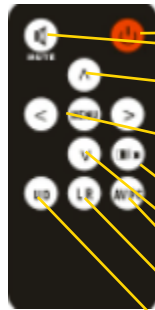


1. < : Volume down or to adjust the value of setting function
2. > : Volume up or to adjust the value of setting function
3. MENU : To activate OSD Menu
4. v : Selection key, to adjust phase directly
5. ^ : Selection key, to adjust brightness directly
6. AV/PC : PC, AV switchch
7.  : Power on/off

8. Indicator Light
9. Infrared receiving window
10. 3.5 DPI earphone jack, AV input jack
11. VGA input jack
12. HDMI input jack
13. DC12V input jack

# Product Description

## Remote Controller



1. Power on/off
2. Mute
3. Selection key to adjust the brightness directly
4. To activate OSD menu
5. "<" Volume up or to adjust the value of setting function
6. ">" Volume down or to adjust the value of setting functions
7. Aspect ratio switch, 4: 3/16:9
8. Selection key to adjust phase directly
9. AV1/AV2/PC switch
10. Right/Left switch
11. Up/Down switch

# Product Description

## Matched Cable



1. VGA, USB signaloutput jack:  
connect to the VGA input port of the unit
2. VGA signal input end: connect to the VGA port of the computer (for touch)
3. USB jack: connect to the USB port of the computer (for touch)



1. AV input jack of the unit
2. Yellow RCA jack for video 1 input
3. Red RCA jack for video 2 input
4. White RCA jack for audio input

### Connection:

When you use the unit, please adopt matched DC adapter. If not, please note that the power consumption should be more or equal to 10w(D12v  $\pm$  10%)

# Manual Operation

After connecting power, the unit will be in standby state (red light). Press the power button on the unit or remote controller, the buttons of the unit will light up blue when the unit begins to work. Press the same button again and the unit will return to its standby state.

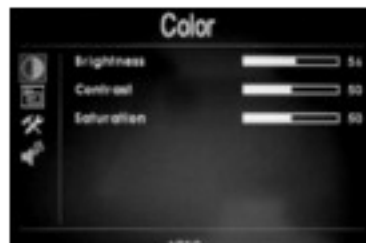
Note: the blue button will black out in 5 or 6 seconds soon after you turn off the unit.

Push “PC/AV” on the unit or AV/PC on the remote to switch between AV and PC.

## OSD in PC Mode



## OSD in AV Mode



You can press  $\wedge/\vee$  on the unit or remote controller to select the items: COLOR, ADJUST, MENU, EDIT, VOLUME, and confirm by pressing  $\lt/\gt$  on the unit or remote controller.

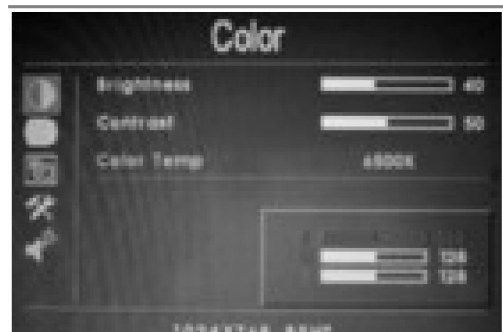
Then push  $\lt/\gt$  again to adjust the items.

Push MENU to exit the OSD after you adjust.

# Description of OSD

In PC Mode

## COLOR



After entering into **COLOR** item of OSD, use  $\wedge/\vee$  to select and then push  $\langle / \rangle$  to adjust.

- **BRIGHTNESS:** To adjust the brightness
- **CONTRAST:** To adjust the contrast
- \* **COLOR TEMP:** To adjust the contrast of color temperature

- Color temperature of OSD is adjustable. Press  $\langle / \rangle$  on the unit or on the remote controller to select color temp, then set color temperature to (for example): 9300 Ks, 6500 Ks, or **USER** by pressing  $\wedge/\vee$ .

- By selecting **USER**, you can adjust the **RED**, **GREEN**, and **BLUE** with  $\langle / \rangle$ .

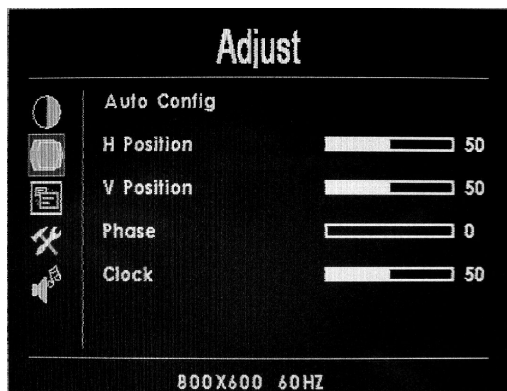
- Note: when you select **USER** a mini box will appear in the right bottom corner of the OSD (pictured).



# Description of OSD

In PC Mode

## Adjust



- **AUTO CONFIG:** To adjust picture automatically
- **H POSITION:** Horizontal picture adjustment
- **V POSITION:** Vertical picture adjustment
- **PHASE:** Phase adjustment
- **CLOCK:** To adjust the clock, make field and line synchronization

## OSD



- **LANGUAGE:** 8 languages for OSD
- **H POSITION:** Horizontal OSD adjustment
- **V POSITION:** Vertical OSD adjustment
- **OSD TIMEOUT:** To adjust the clock
- **TRANSPARENT:** Transparency adjustment

# Description of OSD

In PC Mode

## Function



- **RESET:** Back to original setting
- **DISPLAY RATIO:** Change display ratio, 16:9/4:3 (Display Panel 4:3 without this function)
- **LR ROTATION:** Rotate picture left/right
- **UD ROTATION:** Rotate picture up/down

## Sound

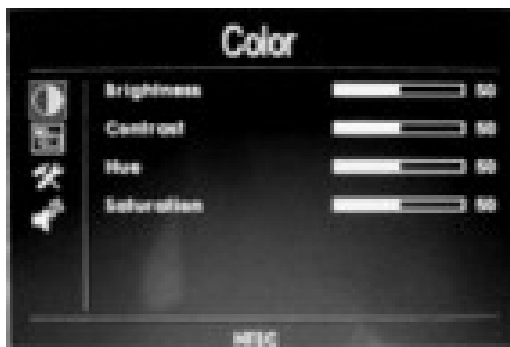


- **VOLUME:** To adjust the volume

# Description of OSD

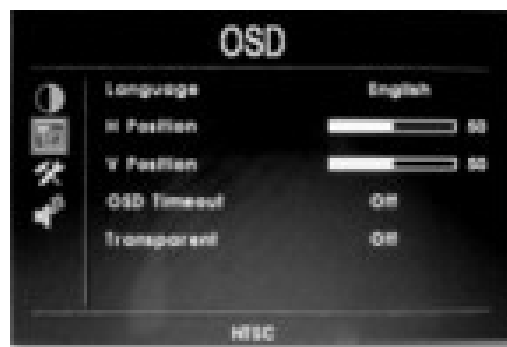
In AV Mode

## Color



- **BRIGHTNESS:** To adjust the brightness
- **CONTRAST:** To adjust the contrast
- **HUE:** To adjust the hue in NTSC mode
- **SATURATION:** To adjust the saturation

## OSD

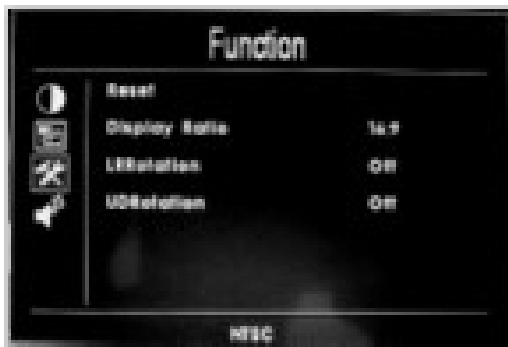


- **LANGUAGE:** 2 languages for OSD
- **H POSITION:** Horizontal OSD adjustment
- **V POSITION:** Vertical OSD adjustment
- **OSD TIMEOUT:** Clock adjustment
- \* **TRANSPARENT:** Transparency adjustment

# Description of OSD

In AV Mode

## Function



- **RESET:** Back to original setting
- **DISPLAY RATIO:** Change display ratio, 16:9/4:3 (Display Panel 4:3 without this function)
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## Sound



- **VOLUME:** To adjust the volume

# Parameter

Display Panel	TFTLCD7.0inch 1152000 Pixels
Resolution	800x480 (VGA)
Up Resolution	1920x1440 (VGA)
Brightness	250 cd/m° (optional 400 cd/m°)
Contrast	500:1
Viewing Angle	70°/70°, 50°/70° (L/R, U/D)
Video Signal Input	0.7 ~ 1.4Vp-p/75Ω
VGA signal input	H:30 ~ 60kHz V:60 ~ 75Hz
Speaker	≥2.5W/8Ω
Color System	PAL -4.43; NTSC-3.58
Voltage	DC12V ±10%
Signal Input	PC (VGA). AV1. AV2. HDMI
Power Consupmtion	≤8w
Work Temperature	—20 ~ 55°C
Store temperature	—30 ~ 65°C
Size (mm)	182 (L) x127(W)x32(H) mm

# Accessories & Troubleshooting

## Accessories

- Power AC Adapter (1)
- Car Power Adapter (1)
- AV Cable (1)
- VGA Cable (1)
- HDMI Cable (1, optional)
- Remote Controller (1)
- Stand Bracket (1)
- Touch Screen Driver Disk (1, optional)
- Touch Pen (1, optional)
- Operation Manual (1)

## Troubleshooting

- **Only black & white image:**
  - Check the level of color saturation and brightness is proper.
- **Power on but no picture:**
  - Make sure the AV & VGA cable is tightly connected from the video out connector & VGA signal output connector.
  - Make sure you are using the standard power adapter coming with the monitor.
- **Wrong or abnormal colors:**
  - Check the cables to make sure they are securely connected.
  - Check for any broken or loose pins in the cables.
- **\*Remote controller doesn't work:**
  - Check the battery power and installation.
  - Check for obstructions.

## Remark

If there are still any problems, contact Carnetix with the details (<http://carnetix.com/contact>).

If Interruptive image occurs, it may be that the VGA signal frequency isn't matched with the normal standard.

It is normal that some bright lines appear on the screen when you turn the unit.