

**ernitec**  
**0070-24143-L**  
**HDMI VGA**  
**BNC Monitor**



## ernitec 0070-24143-L HDMI VGA BNC Monitor User Manual

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ernitec 0070-24143-L HDMI VGA BNC Monitor



## Product Information

### Specifications:

- **Model Number:** 0070-24143-L
- **Type:** HDMI/VGA/BNC Monitor
- **Version:** 2.04.01.B0102D

## Product Usage Instructions

### Introduction

Welcome to the user manual for the HDMI/VGA/BNC Monitor. This section will provide you with detailed instructions on how to use your monitor effectively.

### Controls

The monitor comes with various controls to adjust settings such as contrast, brightness, color, and more. Familiarize yourself with the control buttons located on the monitor.

### Accessories

Ensure that you have received all the accessories listed in the user manual, which may include cables, a remote control, and batteries.

### Connection Options

Connect your external devices such as computers, DVD players, or gaming consoles to the monitor using HDMI, VGA, or BNC connections as per your requirements.

### Remote Control Key Functions

The remote control allows you to conveniently adjust settings and navigate through the monitor's menu options. Refer to the user manual for specific key functions.

### Basic OSD Setup

The On-Screen Display (OSD) setup allows you to customize various display settings such as sound, aspect ratio,

color, and more. Follow the instructions in the manual to access and adjust these settings.

### Troubleshooting

If you encounter any issues with the monitor, refer to the troubleshooting section of the user manual for guidance on resolving common problems.

### Maintenance

Proper maintenance of your monitor is essential for optimal performance. Follow the maintenance instructions provided in the user manual to ensure longevity.

### HDMI/VGA/BNC Monitor

- Please read this manual carefully before operating your set.
- Retain it for future reference.
- Record model number and serial number of the set.
- See the label attached on the back cover and quote this information to your dealer when you require service.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

### WARNING



### WARNING

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER(OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions accompanying the appliance.

### REGULATORY INFORMATION

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications however, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or experienced radio/monitor technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**CAUTION:**

Do not attempt to modify this product in any way without written authorization from CVT electronics group. Unauthorized modification could void the user's authority to operate this product.

**SAFETY INSTRUCTIONS**

**WARNING:**

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Apparatus shall not be exposed to dripping or splashing area.

An objects filled with liquids such as vases shall not be placed on the apparatus.

**IMPORTANT SAFETY INSTRUCTIONS**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.



5. Do not use this apparatus near water.



6. Clean only with a dry cloth.



7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.



8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Unplug this apparatus during lightning storms or when unused for long period of time.



10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.



11. Only use the attachments/accessories specified by the manufacturer.

12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



13. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, be cautious when moving the cart/apparatus combination to avoid injury from tip-over.



14. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit for your outlet, consult an electrician for replacement of the obsolete outlet.

## Note

- If the CCTV monitor feel cold to the touch, there may be a small “flicker” when it is turned on. This is normal, there is nothing wrong with CCTV monitor.
- Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However

there have no adverse effect on the monitor's performance.

- Avoid touching the LED screen or holding your fingers against it for long periods of time. In that case, it may produce some temporary distortion effect on the screen.

### **CAUTION connecting the Power Cord**

Most appliances are suggested to be placed upon a dedicated circuit; that is a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits.

Do not overload wall outlets! Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

### **On Disposal**

- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.

Disposal of this product must be carried out in accordance to the regulations of your local authority.

**NOTE:** Picture of the instruction is not totally with product you purchased, real product is referred as standard.

## **Introduction**

### **Controls**

- This is a simplified representation of front panel.
- Here show may be somewhat different from your monitor.

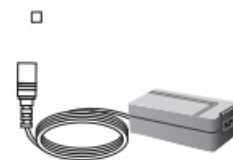


### **Accessories**

Ensure that the following accessories are included with your CCTV monitor. If any accessory is missing, please contact the dealer from where you purchased the product.



**Power Cable**



**Power Cord**

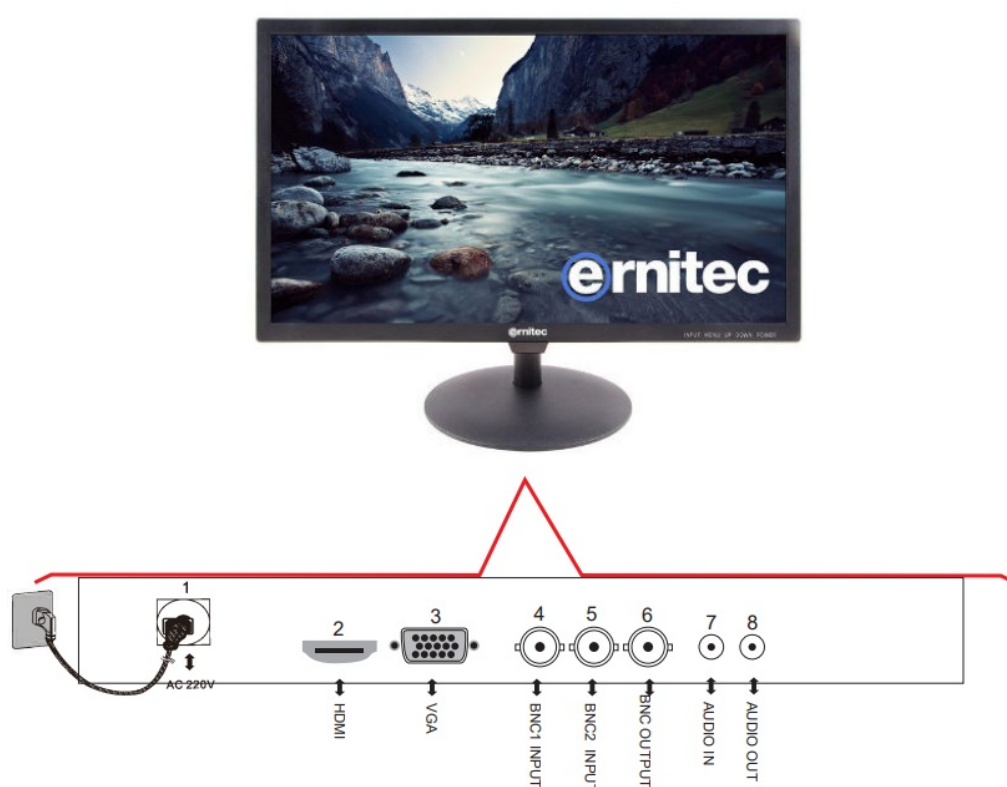


**User's Manual**



**Remote control**

## Connection Options



ITEM	BUTTON NAME	FUNCTION DESCRIPTION
1	POWER	DC input socket
2	HDMI	HDMI INPUT
3	VGA	VGA INPUT
4	BNC1 INPUT	Connect the BNC output jack of PROCESSOR
5	BNC2 INPUT	Connect the BNC output jack of PROCESSOR
6	BNC OUT	Connect the BNC input jack of other monitor
7	AUDIO 1	Audio input
8	AUIO2	Audio2 out



## Remote Control Key Functions



**POWER** **POWER**  
Switch on monitor when at standby mode or vice versa.

---

**MUTE** **MUTE**  
Press to mute the sound. Press again or press VOL+ to unmute.

---

▲  
▼  
Menu selection. ▼ ▲

---

◀  
▶  
Press to increase / decrease

---

**MENU** **MENU**  
Press to bring up the main menu to the screen and exit the current menu.

---

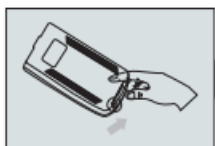
**INPUT** **INPUT**  
Press to cycle through the input source in following:  
VGA BNC1 BNC2 HDMI YPBPR

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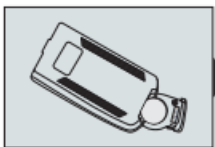
**PICTURE** **PICTURE**  
Press repeatedly to cycle through the available video picture

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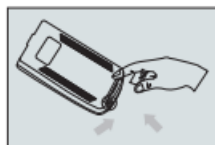
## Installing Batteries



Open the battery compartment cover on the the back side.



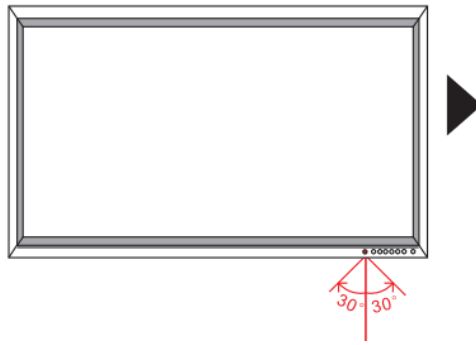
Insert ONE CR2032 3V batteries in correct polarity .Do not mix old or used batteries with new ones.



Close the cover.

Point the remote towards the remote control sensor of the wireless monitor and use it within 7 meters.

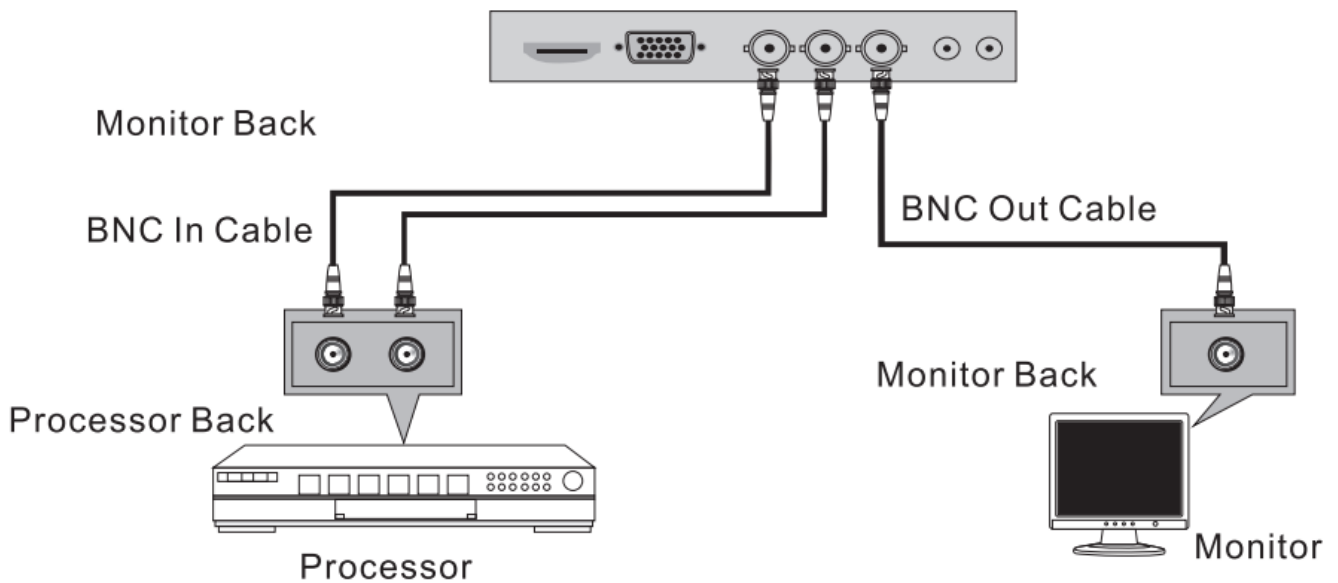




Put the used batteries into the recycling bin since it can negatively affect the environment.



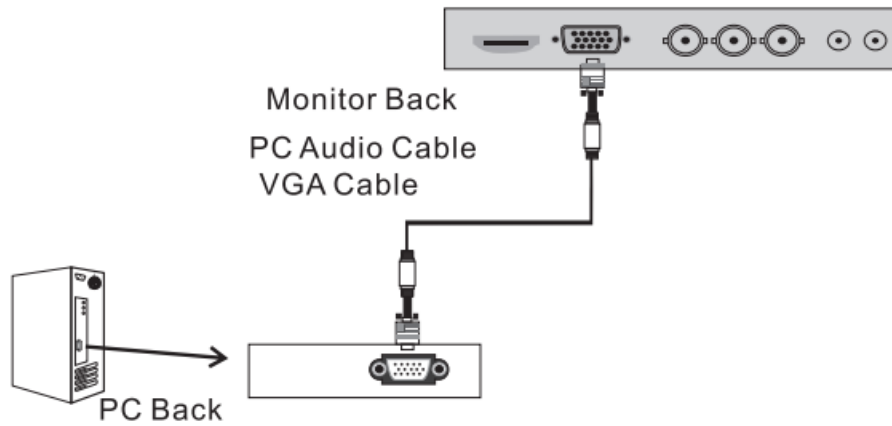
### BNC INPUT and BNC OUTPUT Connection



- Connect the BNC in cable output of the PROCESSOR to the BNC input on the set.
- Connect the BNC out cable input of the other monitor to the BNC output on the set.
- Select BNC1 or BNC2 input source with using the INPUT button on the remote control.

### PC Connection

This CCTV monitor provides plug and play capability, meaning that the PC adjusts automatically to the monitor's setting. The CCTV monitor sends configuration information(EDID) to the PC using the Video Electronics Standard Association (VESA) Display Data Channel(DDC) protocol.



## Basic OSD setup

### Turning on and off the CCTV monitor

#### Turn on monitor

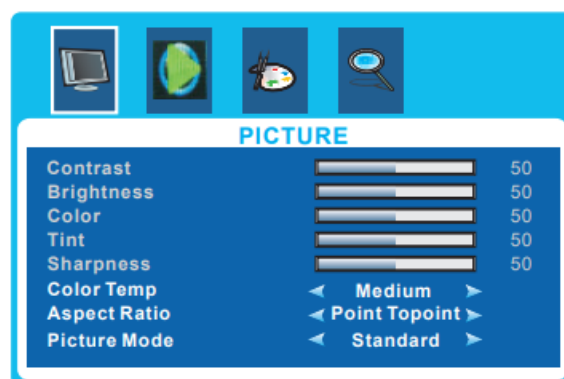
- Connect the AC input cable to monitor, then press the main power switch on monitor. At this time the monitor will enter into standby mode and the indicator light turn red.
- Using buttons can turn on monitor from standby mode as follows:  
Press POWER keyon front panel or on the remote control.

#### Turn off monitor

- Press POWER button on front panel the or on the remote control to enter standby mode. The indicator light is red.
- Using main power switch turns off monitor completely.

### Selecting screen language

**NOTE:**If you use your monitor for the first time,you should select the language which will be used for displaying menus and indications.



- Press the "MENU" button into main menu.
- Press the "◀ ▶" button to select OSD menu.
- Press the "▼ ▲" button to select OSD LANGUAGE.

- Press the “◀▶” button to select your language.
- When you are satisfied with your choice, press MENU to exit.

### NO SIGNAL

There is NO SYNC menu on screen when there is no input signal.



**NO SIGNAL**

### Selecting input source



**VGA**  
**HDMI**  
**AV 1**  
**AV 2**

### Selecting input source

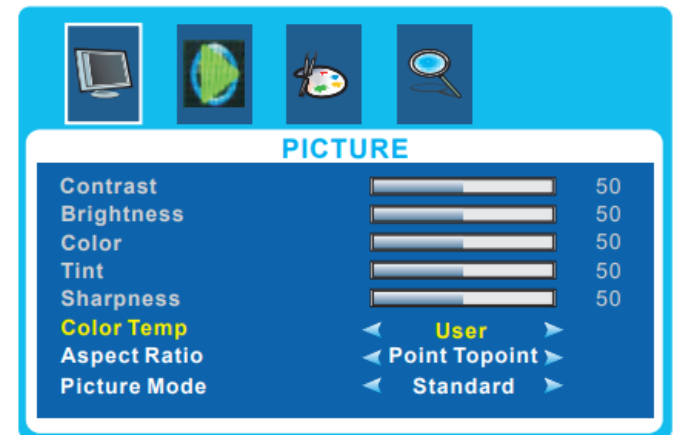
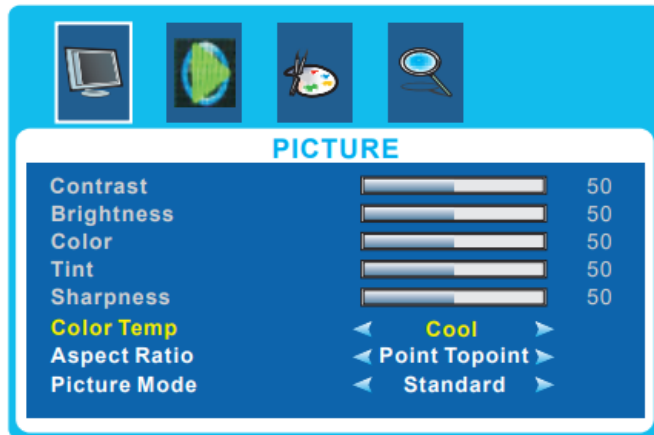
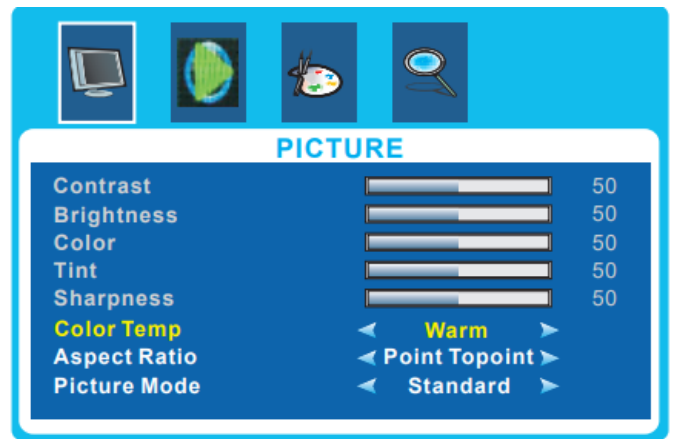
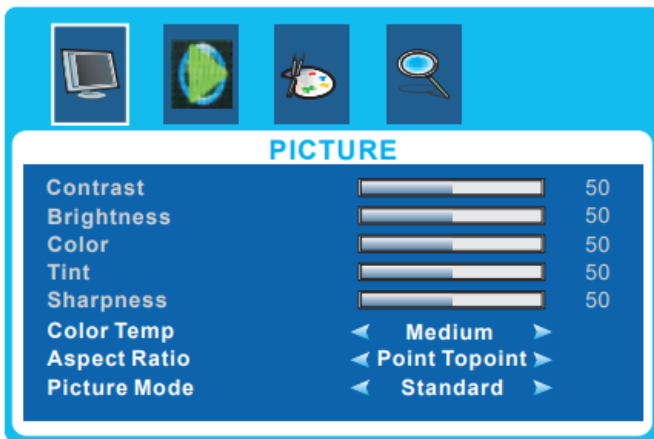
You can select the input source by pressing INPUT button on the remote control on the front panel.

- Press the “▼▲” button to select the source you want.
- Press the “INPUT” button to confirm.

### OSD setup under VGA/HDMI input mode.

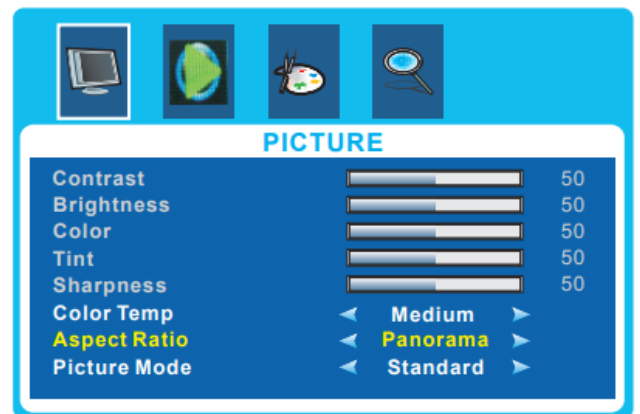
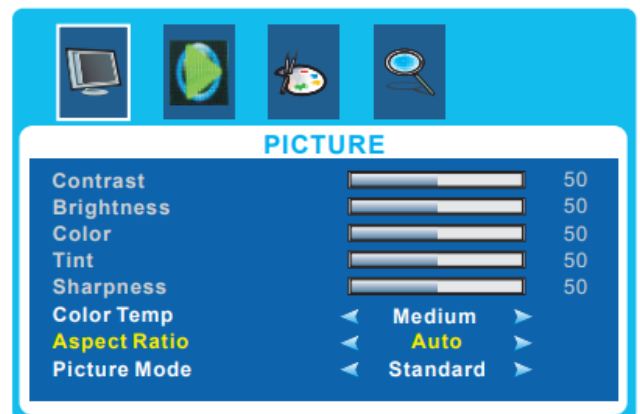
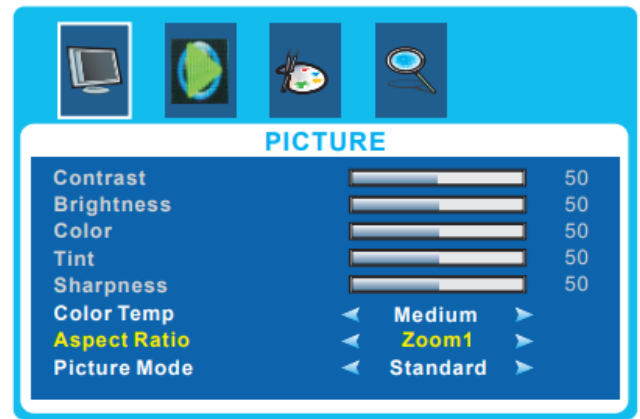
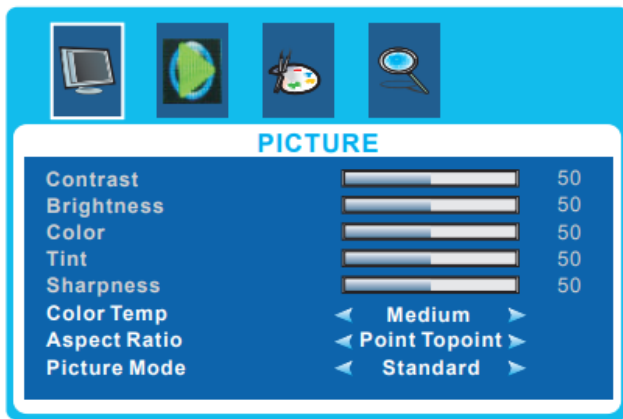
- Press the “MENU” button to access Main Menu setting interface.
- Press the “◀▶” to select the desired submenu.
- Press the “▼▲” again to enter the submenu.

### “Color Temp” Menu Option

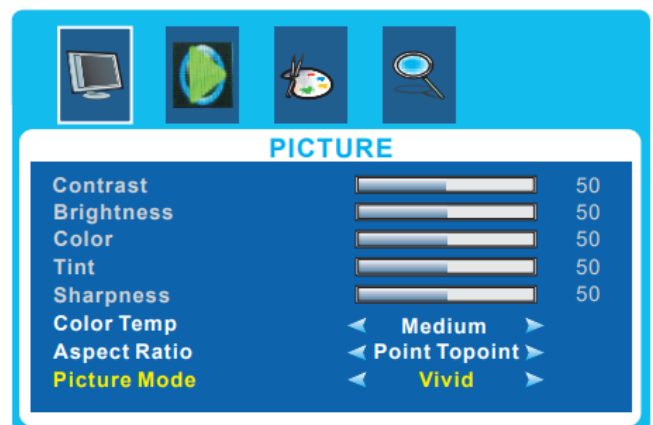
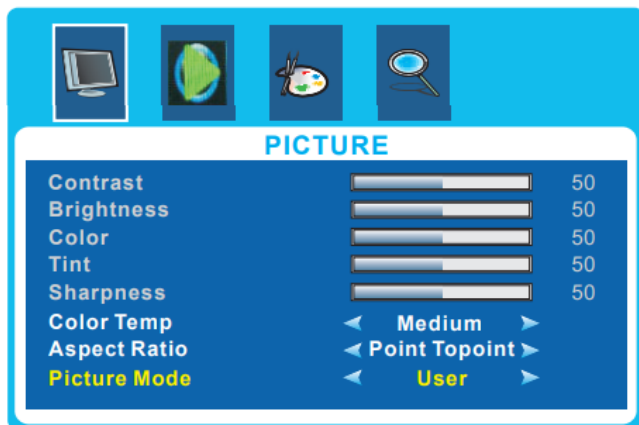
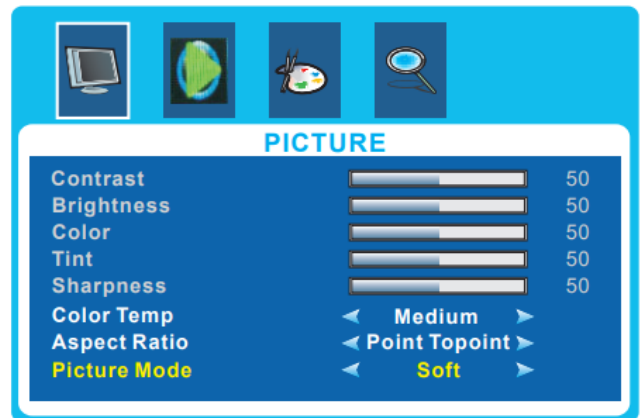
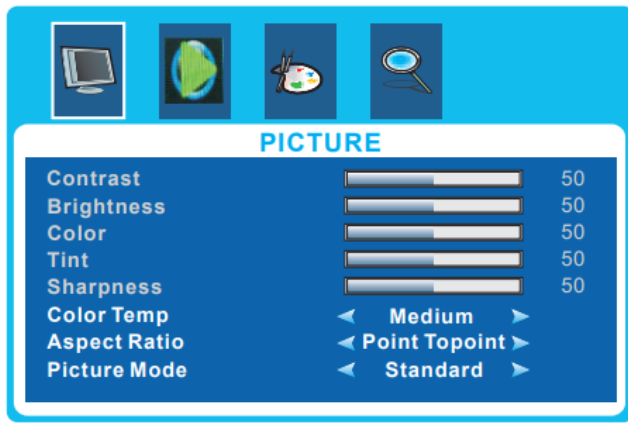


- Press "◀▶" button to select PICTURE menu.
- Use "▼▲" to select what you want to adjust on Color Temp
- Press "◀▶" button to adjust "Medium" "Warm" "Cold" "User"
- When you are satisfied with your adjustment, press MENU to exit the main menu.

#### "Aspect Ratio" Menu Option

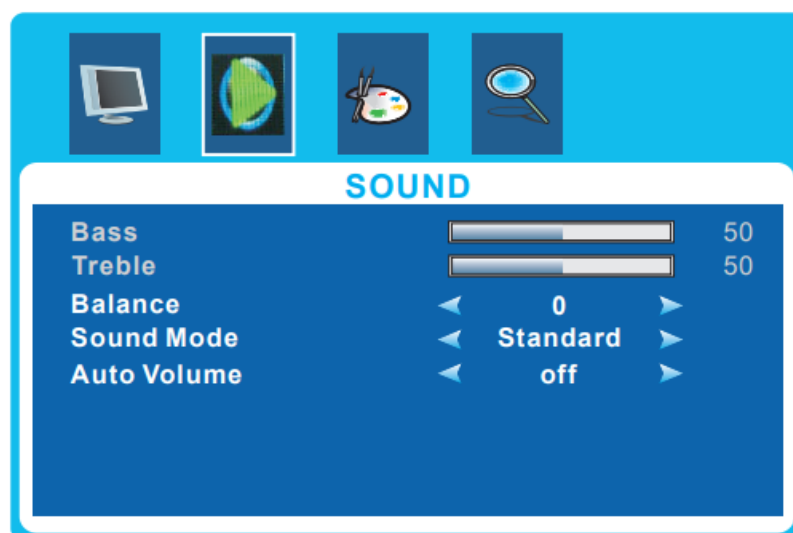


- Press “◀▶” button to select PICTURE menu.
- Use “▼▲” to select what you want to adjust on Color Temp
- Press “◀▶” button to adjust “Point to Point” “Zom1” “Zom2” “Auto” “4:3”, “Panorama”
- When you are satisfied with your adjustment, press MENU to exit the main menu.



- Press “◀▶” button to select PICTURE menu.
- Use “▼▲” to select what you want to adjust on Picture Mode
- Press “◀▶” button to adjust “Point to Point” “Zom1” “Zom2” “Auto ” “A:3”, “Panorama”
- When you are satisfied with your adjustment, press MENU to exit the main menu.

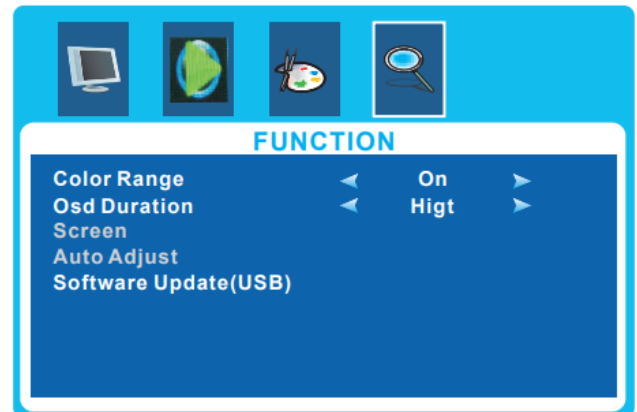
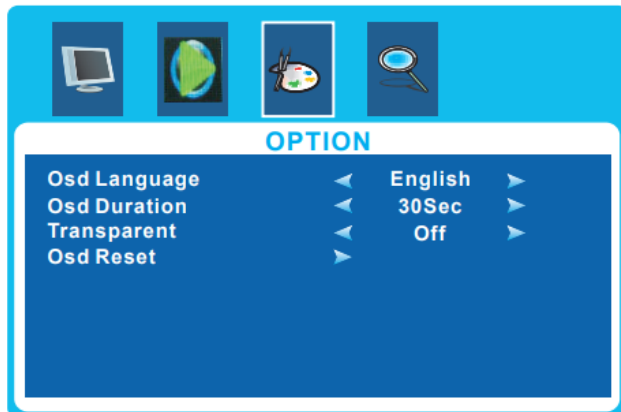
### “Sound” Menu Option



- Press “◀▶” button to select Sound menu.
- Use “▼▲” to select what you want to adjust on Mode

- Press ◀ ▶ button to adjust “Balance” “Sound Mode” “Auto Volume” “ ”
- When you are satisfied with your adjustment, press MENU to exit the main menu.

### “OPTION” and “FUNCTION”Menu Option



- Press “◀ ▶”button to select OPTION or FUNCTION menu.
- Use “▼ ▲” to select what you want to adjust on Mode
- Press “◀ ▶”button to adjust “OSD Language” “OSD Reset” “Software Update” etc
- When you are satisfied with your adjustment, press MENU to exit the main menu.

### PRODUCT CRITERIA

#### Trouble shooting

Fat proberstil existiced the imonitor and caling for serinecks.



PROBLEM	POSSIBLE SOLUTION
No sound picture	<ul style="list-style-type: none"> <li>-Check that the main plug has been connected to a wall let.</li> <li>-Check that you have pressed the POWER button on the front of monitor set.</li> <li>-Check the picture contrast and brightness settings.</li> </ul>
Normal picture but <b>no sound</b>	<ul style="list-style-type: none"> <li>-Check the volume.</li> <li>-Sound muted?Press the MUTE button .</li> <li>-Try another channel the problem may be with the broadcast.</li> <li>-Are the audio cables installed properly.</li> </ul>
The remote control does not work	<ul style="list-style-type: none"> <li>-Check go see if there any object between the product and remote control Causing obstruction.</li> <li>-Are batteries installed with correct poalrity(+to+,-to-).</li> <li>-Correct remote operating mode set:MONITOR,VCR etc.?</li> <li>-Install new batteries.</li> </ul>
Power is suddenly turned off	<ul style="list-style-type: none"> <li>-Is the sleep times set.</li> <li>-Check the power control settings.Power interrupted.</li> <li>-No broadcast on station tuned with auto activated.</li> </ul>
Picture appears slowly after switching on	<ul style="list-style-type: none"> <li>-This is normal.the image is muted during the product startup process.Please <b>contact your service center,if the picture has not appeared after five minutes .</b></li> </ul>
<b>No or poor color or poor picture</b>	<ul style="list-style-type: none"> <li>-Adjust the color in menu option.</li> <li>-Keep a sufficient distance between the product and the VCR.</li> <li>-Try another channel.the problem may be with the broadcast.</li> <li>-Are the VIDEO cables installed properly?</li> <li>-Activate the any function to restore the brightness of the picture.</li> </ul>
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none"> <li>-Check for local interference such as an electrical appliance or power tool.</li> </ul>
No output from one of the speakers	<ul style="list-style-type: none"> <li>-Adjust balance in menu option.</li> </ul>

## TROUBLE SHOOTING

**NOTE:** There is a problem in VGA mode.(Only VGA mode applied)

PROBLEM	POSSIBLE SOLUTION
The signal is out of range	-Adjust resolution,horizontal frequency,or vertical frequency. -Check it whether the signal cable is connected or loose. -Check the input source.
Vertical bar or stripe on back ground&Horizontal Noise&Incorrect position	-Work the auto configure or adjust clock,phase,or H/V position.
Screen color is unstable or single color	-Check the signal cable. -Reinstall the PC video card.

## Maintenance

Early manufactions can be prevented. Careful and regular cleaning can extend the amount of time in that way,you will have a new one.Be sure to turn the power off and unplug the power cord before you begin any cleaning.

### Cleaning the screen

Here's a great way to keep the dust off screen for a while. Wet soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen. Make sure the remained water is off the screen, and then let it air-dry before you turn on your monitor.

### Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft,dry, lint-free cloth.Please be sure not to use a wet cloth.

### Extended Absence

If you expect to leave your monitor dormant for a long time (such as a vacation),A isa goodidea to une yug the poer cord to it from lightning or powe surges.

## FAQ

### Q: How do I adjust the sound settings on the monitor?

**A:** To adjust sound settings, follow these steps:

1. Press the corresponding button to select the Sound menu.
2. Use the navigation buttons to select the setting you want to adjust (e.g., Bass, Treble, Balance).
3. Press the button to make adjustments.
4. Once satisfied, press MENU to exit the main menu.

### Q: How do I change the aspect ratio on the monitor?

**A:** To change the aspect ratio, follow these steps:

1. Select the Picture menu using the designated button.
2. Use the navigation buttons to choose the desired aspect ratio option.
3. Press the button to confirm your selection.
4. Press MENU to exit the main menu once adjustments are complete.

## Documents / Resources



## [ernitec 0070-24143-L HDMI VGA BNC Monitor](#) [pdf] User Manual

0070-24143-L, 0070-24143-L HDMI VGA BNC Monitor, HDMI VGA BNC Monitor, VGA BNC Monitor, BNC Monitor, Monitor

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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