



IP65 front Panel Mount (Metal-5mm), 24" LCD monitor, 1920 x 1080, 300nits,  
VGA+DVI+HDMI, Side OSD, including rear screw/Clamp/VESA Mount with 5  
Wire Resistive Touch Screen and USB Controller  
Integrated IP65 Front Panel AI-5mm

**Model: EPMW2400HDIP-TR**

s/n 8320090000557-109875



## Safety Instruction

Read and follow these instructions when connecting and using your LCD monitor:

### Operation:

1. Keep the monitor out of direct sunlight and away from stoves or any other heat source.
2. Remove any object that could fall into ventilation holes or prevent proper cooling of the monitor's electronics.
3. Do not block the ventilation holes on the cabinet.
4. When positioning the monitor, make sure the power plug and outlet are easily accessible.
5. If turning off the monitor by detaching the power cable or DC power cord, wait for seconds before attaching the power cable or DC power cord for normal operation.
6. Do not subject the LCD monitor to severe vibration or high impact conditions during operation.
7. Do not knock or drop the monitor during operation or transportation.

### Maintenance:

8. To protect your display from possible damage, do not put excessive pressure on the LCD panel. When moving your monitor, grasp the frame to lift; do not lift the monitor by placing your hand or fingers on the LCD panel.
9. Unplug the monitor if you are not going to use it for an extensive period of time.
10. Unplug the monitor if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use organic solvent, such as, alcohol, or ammonia-based liquids to clean your monitor.
11. To avoid the risk of shock or permanent damage to the set, do not expose the monitor to dust, rain, water, or excessive moisture environment.
12. If your monitor gets wet, wipe it with dry cloth as soon as possible.
13. If foreign substance or water gets in your monitor, please turn the power off immediately and disconnect the power cord. Then, remove the foreign substance or water, and send it to the maintenance center.
14. Do not store or use the LCD monitor in locations exposed to heat, direct sunlight or extreme cold.
15. In order to maintain the best performance of your monitor and use it for a longer lifetime, please use the monitor in a location that falls within the following temperature and humidity ranges. Temperature: 5-35°C 41-95°F



## **Product Installation**

1. Switch off the power on both your monitor and your computer. The Power Switch is located in the right of the monitor.
2. Connect the power cord to the AC outlet, and connect the power to the monitor through the AC/DC adapter.
3. VGA Signal-Plug one end of the 15-pin signal cable to the video signal connector at the rear of the PC system and the other end to the monitor. Secure the connectors with the screws on the cable connector at both ends.
4. (Optional) DVI Signal-Plug one end of the DVI signal cable to the video signal connector at the rear of the PC system and the other end to the monitor. Secure the connectors with the screws on the cable connector at both ends.
5. (Optional) HDMI Signal-Plug one end of the HDMI signal cable to the video signal connector at the rear of the PC system and the other end to the monitor. Secure the connectors with the screws on the cable connector at both ends.
6. (Optional) RS232 Connection- Plug one end of RS232 cable to com-port connector on your PC system and the other end to the monitor. Secure the connectors with the screws on the cable connector at both ends.

# LCD Monitor OSD operation

## Control Functions

The Monitor control functions are located on the lower side of the panel.

The control key description

1. MENU : Activate the on-screen-display function
2. ▽ : Down / Brightness control
3. △ : Up / Brightness control
4. Auto : AUTO-ADJUSTMENT / TURN OFF THE OSD
5. ⏻ : Power Switch

## Description

### 1. Menu

Press the Menu key to activate the on screen display screen. It is a toggle key. Press Auto key to turn off the OSD. After 30 sec. idle time, the OSD screen will automatically turn off.

### 2. ▽ & △ : Select key

The two keys have two sets of functions:

- When OSD screen is not activated, the two keys are used to adjust the Backlight.
- When OSD screen is activated (When "Menu" key is pressed), the two keys are used to select the wanted adjustment items

### 3. Auto

Press Auto Key to get the optimized quality.

### 4. ⏻ : Power switch

Use the power switch to turn ON or OFF power. We recommend turning your system power on first, then the LCD monitor.

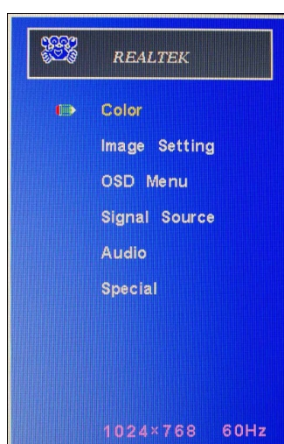
# ADJUSTING THE MONITOR

The LCD monitor is designed to work with a range of compatible video adapters on the market. Due to the possible deviations between these video adapters, you may make some adjustment to fit the monitor for adapter used.

## ADJUSTMENT PROCEDURE

First, you must activate the OSD screen through pressing the MENU key, the screen will show in the center of screen as below:

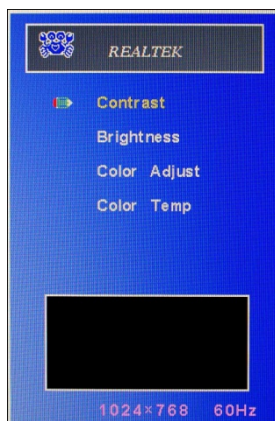
### OSD SCREEN



- Use the ▾ & ▴ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Press Auto key to turn off OSD. Or after 30 sec. idle time, the OSD screen will automatically turn off.

## COLOR

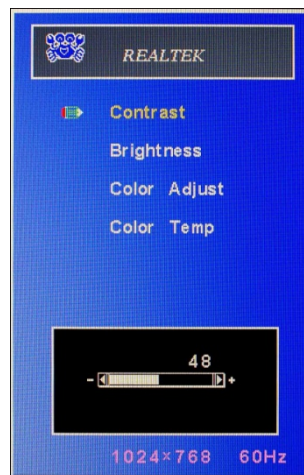
- Use the ▾ & ▴ key to select the Color item, then press Menu Key to get the Color menu item selection.



- Use the ▽ & △ key to select the required adjustment item up or down. Press Menu key to do the further change. Press ▽ & △ key to adjust values.
- Press Auto key back to the last menu.

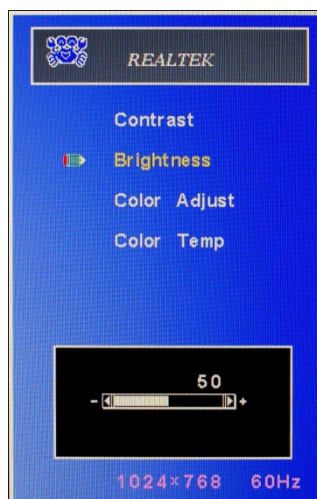
### **Contrast**

- Select the Contrast item and Press Menu Key to do the further change. Press ▽ & △ key to adjust values.
- Press Auto key back to the last menu.



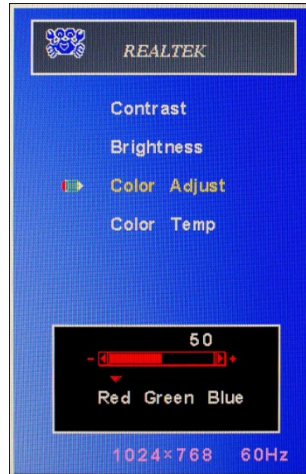
### **Brightness**

- Select the Brightness item and Press Menu Key to do the further change. Press ▽ & △ key to adjust values.
- Press Auto key back to the last menu.



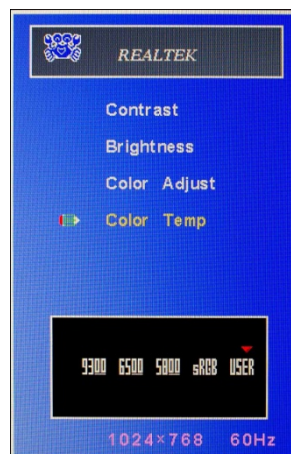
### Color Adjust

- Select the Color Adjust item and Press Menu Key to get into selection. Press ▽ & △ key to select Red, Green & Blue item.
- Then press Menu Key to do the further change. Press ▽ & △ key to adjust value.
- Press Auto key back to the last menu.



### Color Temp

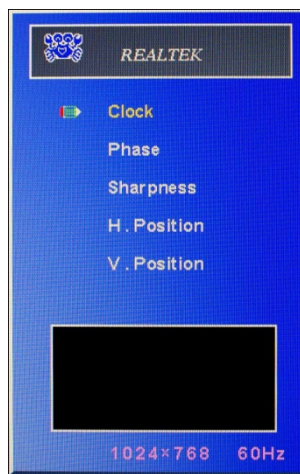
- Select the Color Temp item and Press Menu Key to get into selection. Press ▽ & △ key to select 9300, 6500, 5000, sRGB, & USER.
- Press Menu Key to do the further change.
- Press Auto key back to the last menu.



## IMAGE SETTING

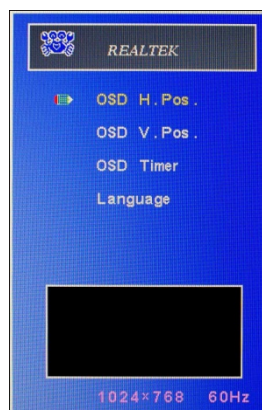
Clock / Phase / Sharpness / H.Position / V.Position

- Press Menu Key back to the tool bar
- Use the ▽ & △ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Press Auto key to turn off OSD. Or after 30 sec. idle time, the OSD screen will automatically turn off.



## OSD SETTING

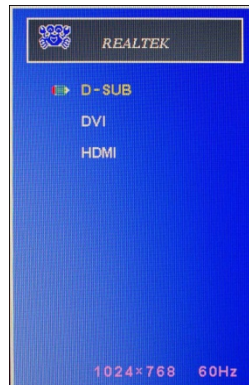
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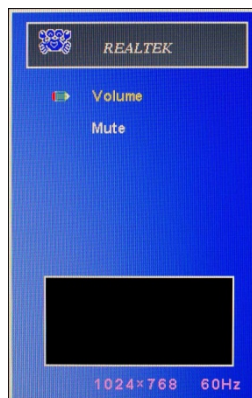
## SIGNAL SOURCE

- Press Menu Key back to the tool bar
- Use the ▾ & ▴ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Press Auto key to turn off OSD. Or after 30 sec. idle time, the OSD screen will automatically turn off.



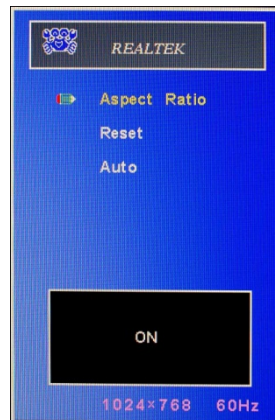
## AUDIO SETTING

- Press Menu Key back to the tool bar
- Use the ▾ & ▴ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Press Auto key to turn off OSD. Or after 30 sec. idle time, the OSD screen will automatically turn off.



### SPECIAL SETTING

- Press Menu Key back to the tool bar
- Use the ▾ & ▴ key to select the required adjustment item up or down.
- Use Menu key to do the desired function or go into the second menu item to do the further change.
- Press Auto key to turn off OSD. Or after 30 sec. idle time, the OSD screen will automatically turn off.



## Trouble Shooting

If your monitor fails to operate correctly, consult the following chart for possible solution before calling for repairs/RMA.

Condition	Possible Solution
The screen is not synchronized?	<ol style="list-style-type: none"><li>1. Check if the signal cable is firmly seated in the socket.</li><li>2. Check if the output level matches the input level of your computer.</li><li>3. Make sure the signal timings of the computer system are within the specification of the monitor.</li><li>4. If your computer was working with a CRT monitor, you should check the current signal timing and turn off your computer before you connect the VGA Cable to this monitor.</li></ol>
The Picture does not appear?	<ol style="list-style-type: none"><li>5. Make sure the power cord is plugged into the power outlet and into the back of the monitor.</li><li>6. Check if the signal cable is firmly seated in the socket.</li><li>7. Check if the Power is ON at the computer</li><li>8. Check if the brightness control is at the appropriate position, not at the minimum.</li></ol>
The position of the screen is not in the center?	<ol style="list-style-type: none"><li>9. Press the Auto button. Adjust the image position using the Horizontal Position and/or Vertical Position in OSD Main Controls.</li></ol>
The screen is too bright/dark.	<ol style="list-style-type: none"><li>10. Check if the brightness or contrast control is at the appropriate position, not at the Maximum/Minimum.</li></ol>