



# ELECROW RC070S IPS HDMI Capacitive Touch Monitor User Manual

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## ELECROW RC070S IPS HDMI Capacitive Touch Monitor User Manual



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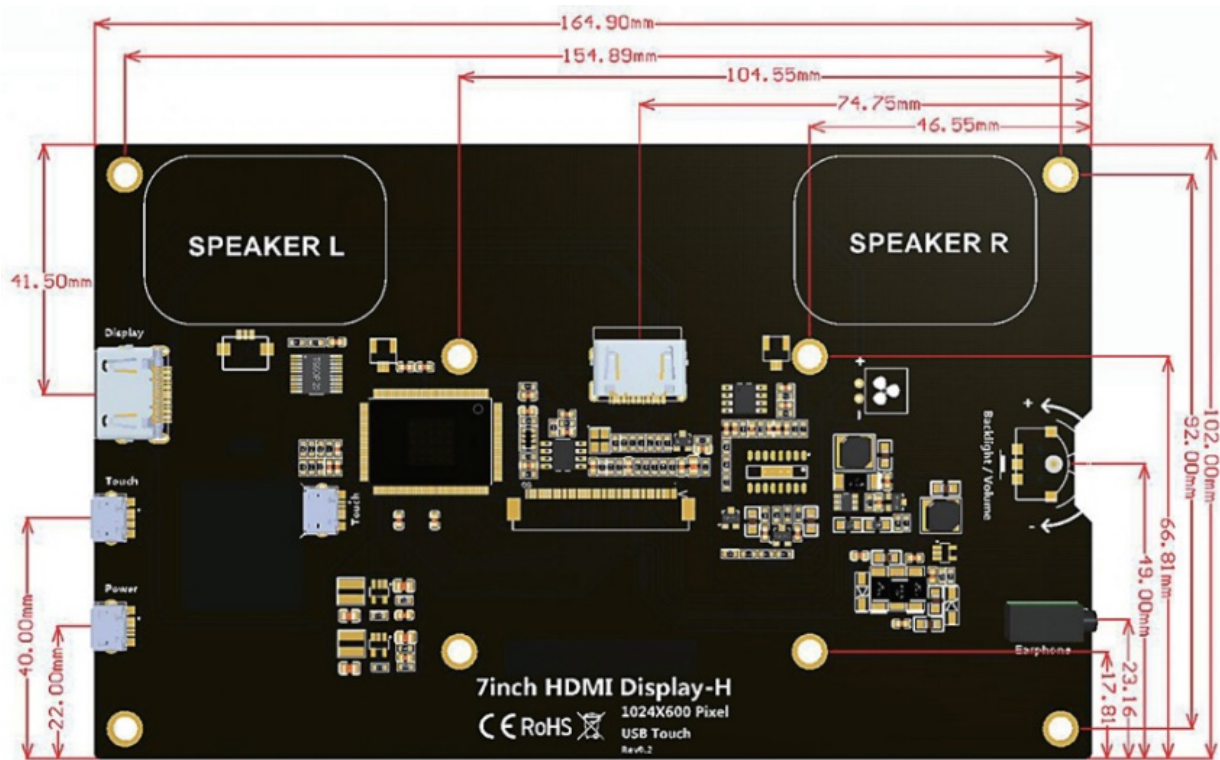
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## Before Using the Product

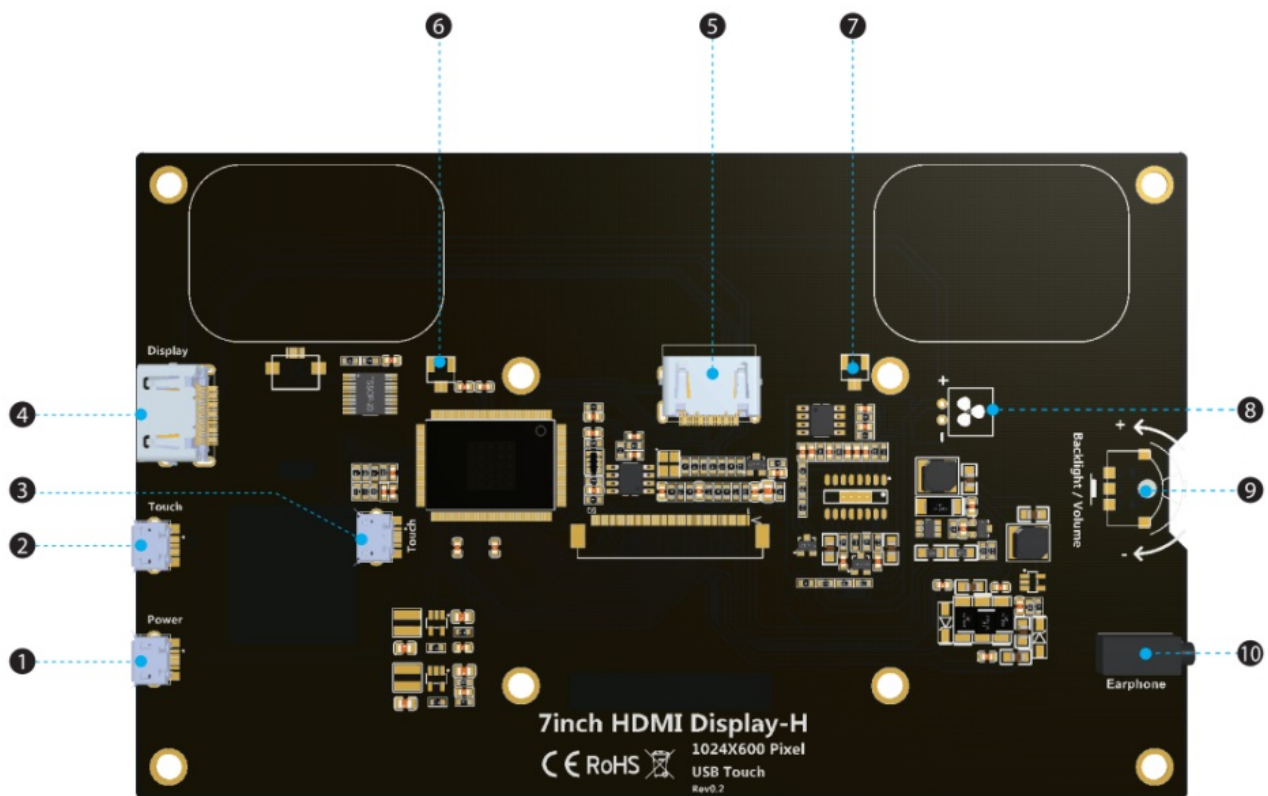
### Package Contents

- 1 x 7 Inch Monitor
- 1 x USB to Micro USB Connector (for RPI 4B)
- 1 x HDMI to Micro HDMI Connector (for RPI 4B)
- 1 x USB to Micro USB Cable (for connecting PC)
- 1 x HDMI to HDMI Cable (for connecting PC)
- 4 x M2.5 Screws (to mount RPI)
- 4 x Small Copper Pillars (to support RPI)
- 2 x Pro Stand
- 2 x M3 Screws (to mount Stand)
- 2 x Speakers
- 1 x User Manual

## Product Description



## Port Description



- **Micro USB Interface (Power):** Connects to the device for power supply.
- **Micro USB Interface (Touch):** Connects to the device for touch function and power supply.
- **HDMI Interface (Display):** Connects to a source device by using an HDMI cable/ connector.
- **Speaker:** Set up the speaker.
- **Fan:** Set up the fan device.
- **Back light & Volume:** For back light & volume adjustment.

- **Earphone:** For audio output.

## Connecting and Using a Source Device

Connected to Raspberry Pi

### Preparations

Number	Main Material	Quantity
J	Raspberry Pi Board ( 4B for example )	1pc
2	7 Inch Monitor	1pc
3	HDMI to Micro HDMI Connector	1pc
4	TF Card (above 8GB)	1pc
5	Card Reader	1pc
6	USB A to Micro USB Connect	1pc
7	SV/3A Power Adapter	1pc
8	Others	

How to Use with Raspbian /Ubuntu Mate /RetroPie/Kali System

#### Step 1. Download the Official image

- Download Raspbian Official Image Download Link: <https://www.raspberrypi.org/downloads/raspbian/>  
**Username:** pi **Password:** raspberry
- Download Ubuntu Mate Official Image Download URL: <https://ubuntu-mate.org/download/>  
The user name and password can be set by yourself after startup
- Download Kali Official Image  
Download URL: <https://www.offensive-security.com/kali-linux-arm-images/>  
**Username:** kali (The old version is root) **Password:** kali (The old version is toor)
- Download RetroPie Official Image  
**Download URL:** <https://retropie.org.uk/download/>

**Username:** pi **Password:** raspberry

## Step 2. Brun OGcial Image

- Download and install tool software (If they are already installed, this step can be ignored)

SD card for mat software SDCard Formatter download URL :

[https://www.sdcard.org/downloads/formatter\\_4/](https://www.sdcard.org/downloads/formatter_4/)



Image burning sofMare win32diskimager download URL:

<https://sourceforge.net/projects/win32diskimager/>



### Format SD Card

Insert the SD card into the card reader Insert the card reader into the computer Open the SDFormatter software Select SD card Select quick format (generally select quick format, other options can be selected according to your own needs) —+ Click the Format button ->Select “Yes” Click OK after formatting.

### Brun Image

Open the win32diskimager software —• Select the image file to be burned (xxx.img ) —• Select SD card Click the “write” button Select “Yes” Wait for the burning to complete (the whole process lasts about 10 minutes)

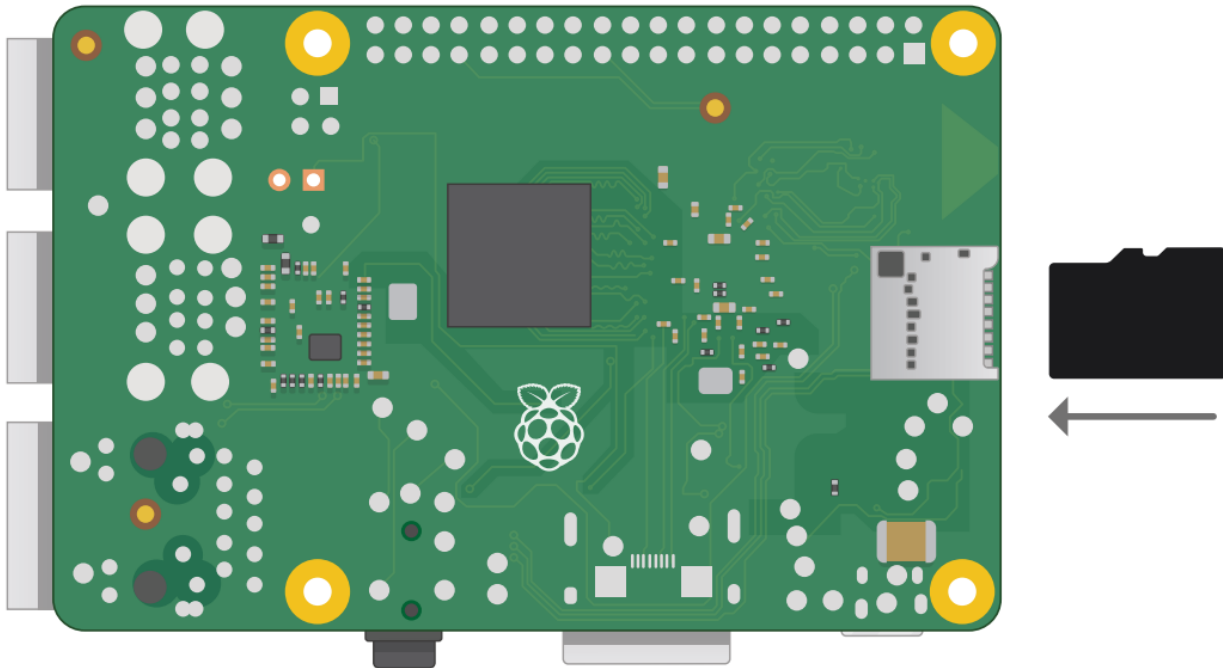
## Step 3. Modify the“config.txt”configuration file

Open the“config.txt”file in the root directory of SD card on the computer, add the following at the end of the file, save and exit.

- hdmi\_force\_edid\_audio=1
- max\_usb\_current=1
- hdmi\_force\_hotplug=1
- config\_hdmi\_boost=7
- hdmi\_group=2
- hdmi\_mode=87
- hdmi\_drive=2
- display\_rotate=0
- hdmi\_cvt 1024 600 60 6 0 0 0

When working with Raspberry Pi 4, for the system image of Raspberry Pi after 2021-10-30, for example on Bullseye, please modify “dtoverlay — vc4-kms-v3d” to “dtoverlay — vc4-fkms-v3d” in the config file, otherwise it may fail to start. But on Buster, please comment out “dtoverlay — vc4-fkms-v3d” by adding #.

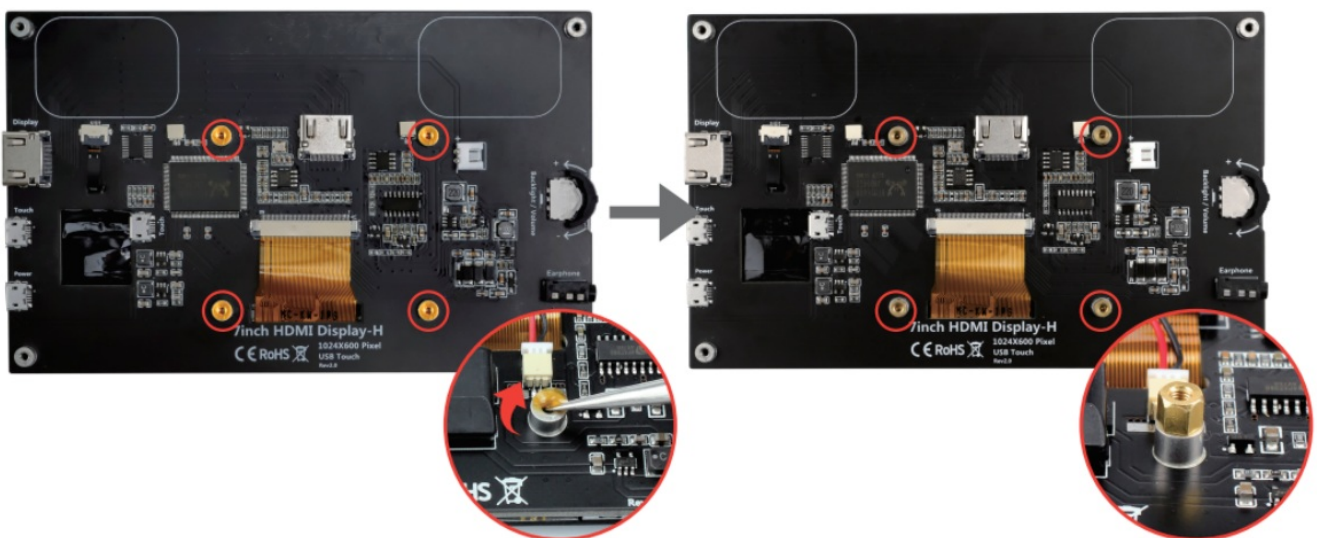
**Step 4.** Insert the SD Card into the Slot on the Back of the Raspberry Pi Motherboard.



Connect the Monitor to Raspberry Pi and Power the Raspberry Pi

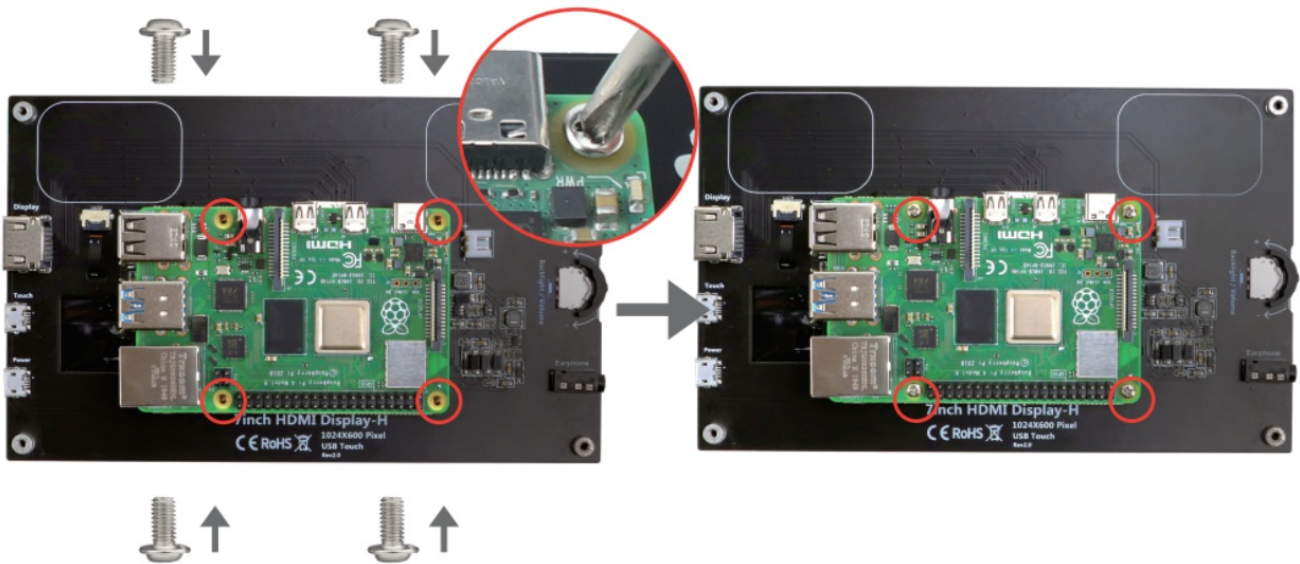
### Monitor Connected to Raspberry Pi 4B

1. Peel off the stickers of the mounting holes, then install the small copper pillars onto them.



2. Mount the Raspberry Pi on the back of the screen with M2.5 screws.





3. Connect the HDMI connector & USB connector firmly onto Raspberry Pi and monitor.

### Raspberry Pi 4



HDMI to Micro HDMI Connector

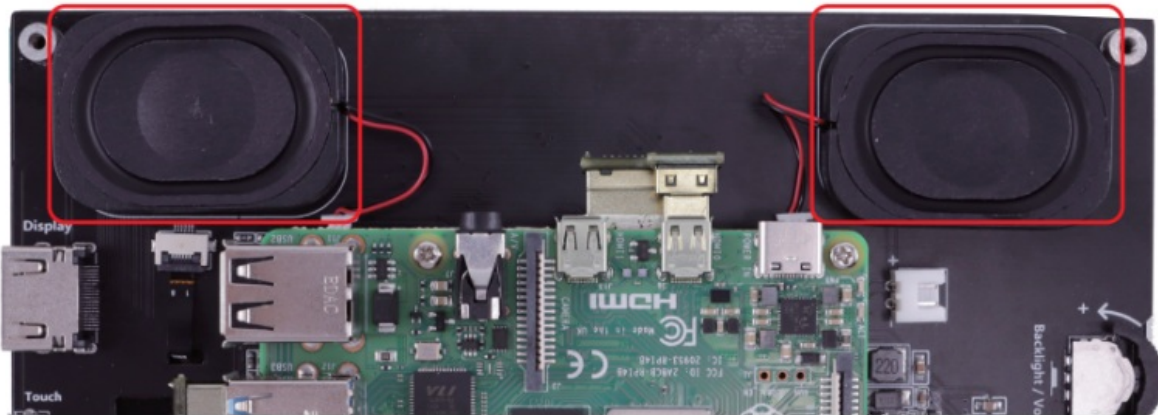
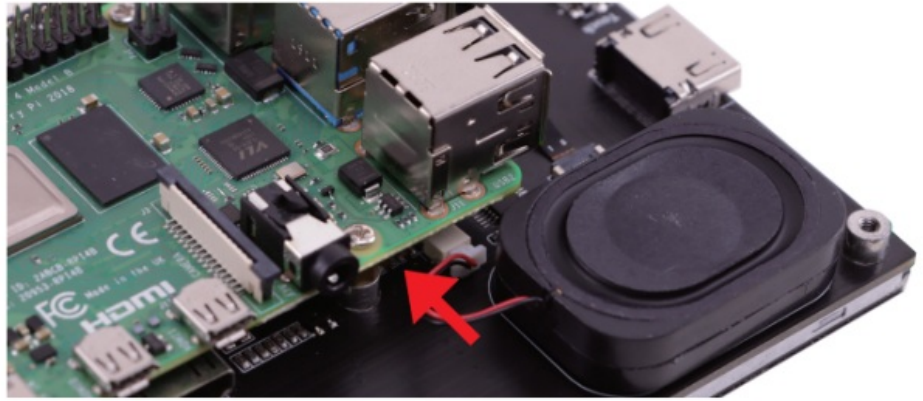


USB Connector



4. Set up the speakers.(Please plug in the cable, then remove the sticker on the back of the speaker, and then paste the speaker on the screen.)

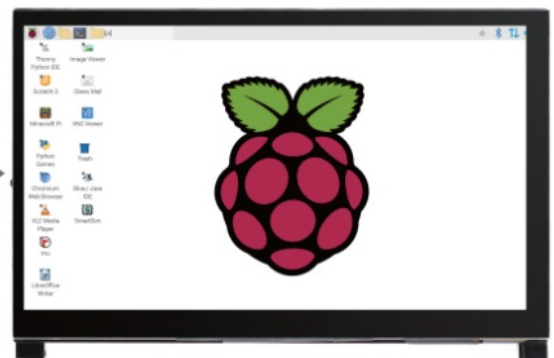




5. Install the pro stand with M3 screws.

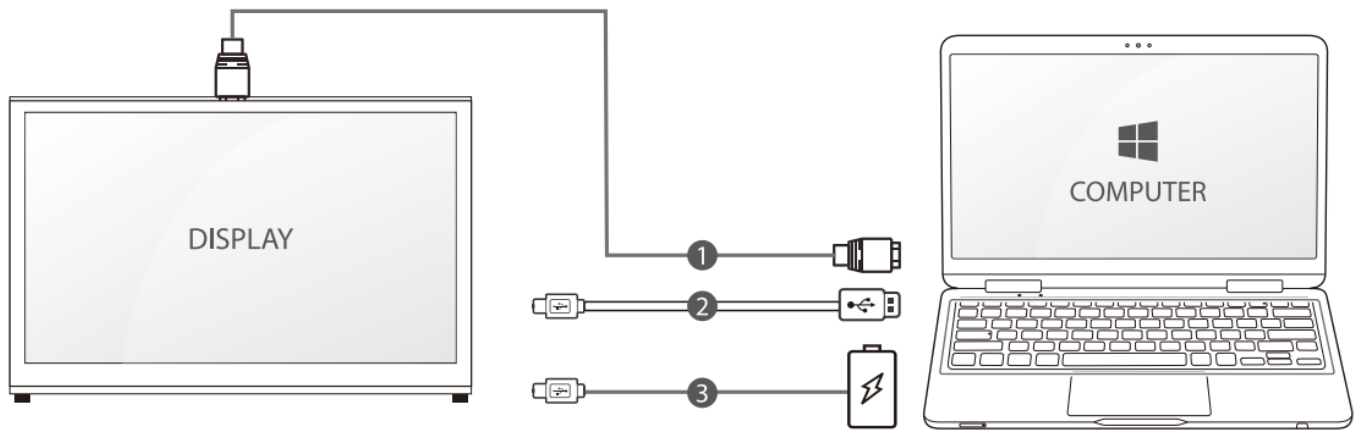


6. Power the Raspberry Pi.



Please connect the Power interface when powering the ; ween. If power is supplied to t fleetness th-ough the

**Connected to PC/Laptop (with HDMI Port)**



- HDMI(Display) to HDMI cable
- Micro USB(touch port) to USB A
- Micro USB (Touch/Power)

Note Please note that when the monitor is connect to a game device or the monitor's touch end connected a power source socket, or other power supply device the touchscreen doesn't work.

## Troubleshooting Guide and Warranty

### Troubleshooting Guide

- This page deals with problems that can be corrected by a user. If the problem still persists after you have tried these solutions, please contact customer support.

Problems	Possible Solutions
Failure in writing system	Rewrite system and if problem still exists after rewriting then you SD card format might be wrong or SD card is defective.
SD card format error or SD card is defective	Wrong SD card format: Run SDFormatter.exe and format your card. Choose SD card in your computer and right click—choose property—make sure your SD card format is FAT32. If SD card is defective please change it to a new and functional one.
The monitor displays black or white screen or no full screen or showing white line	Make sure your image system is intact. Modify the configuration file config.txt.
The monitor flicks	Ensure sufficient power. Make sure the screen micro USB and Raspberry Pi USB connection is stable and try using another USB cable.
Touch Screen Issue	Make sure the Micro USB connector is properly connected between the USB ports of the Raspberry Pi and the USB Touch interface of the LCD screen. Try another micro USB cable (supports data transfer).
The LCD cannot display normally when connected to PC	Adjust the output signal to HDMI. Make sure the operating system is Windows. Use the LCD as the only monitor for testing. Connect the USB power cable first and then the HDMI cable. Try to restart your computer.
No sound when work with Raspberry Pi	<ol style="list-style-type: none"> <li>1. Open the config.txt configuration file: <code>sudo nano /boot/config.txt</code>.</li> <li>2. Modify "hdmi_drive=1" option to "hdmi_drive=2"</li> <li>3. Save and exit. Press "ctrl + x" then "y", and finally press "enter"</li> <li>4. Enter the following command to restart the Raspberry Pi for the configuration file to take effect: <code>sudo reboot</code>.</li> <li>5. Then you successfully set the sound to be output from the screen via HDMI.</li> </ol>

## Warranty

- ELECTROW Monitors carry a one (1) year limited warranty from the purchase date. In order to receive warranty service, proof of purchase of the ELECTROW product is required. To obtain warranty service, please contact Customer Support.

- This limited warranty does not cover for:  
Improper installation or maintenance; Misuse or Neglect; Repair modification, or installation of options or parts by you or any third party; Improper environment- Excessive or inadequate heating or air conditioning or electrical powers failures, surges or other irregularities; Fire, flood, earthquake or other accidents.

## Customer Support

- If you have any questions, customer support is always stand by.



[info@elecrow.com](mailto:info@elecrow.com)



@Elecrow





@Elecrow1

## Specifications

Model Name	RC070S
Panel Size	7 Inch
Interface	HDMI & USB
Resolution	1024×600(dots)
Touch Function	USB Capacitive Touch
Speaker	Support
Dimension	164.9"102.0(mm)
Net Weight (Monitor Only)	235g

## Documents / Resources

<div><p>ELECROW 7 Inch HDMI Touchscreen Monitor Model: RC070S</p><p>USER MANUAL</p><p><small>Customer Support Should there be any questions, please feel free to let us know and contact us with your purchase order number or 008618826543829</small></p></div>	<p><b><a href="#">ELECROW RC070S IPS HDMI Capacitive Touch Monitor</a></b> [pdf] User Manual RC070S, IPS HDMI Capacitive Touch Monitor, RC070S IPS HDMI Capacitive Touch Monitor, H DMI Capacitive Touch Monitor, Capacitive Touch Monitor, Touch Monitor, Monitor</p>
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