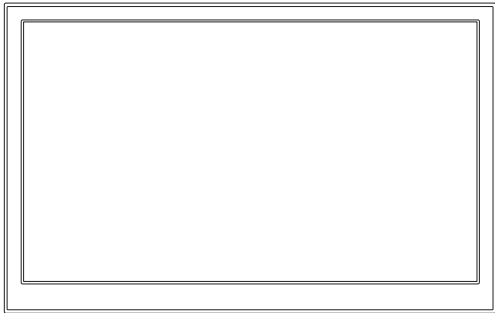# ELECROW

ELECROW 8 Inch Monitor

USER MANUAL

Customer Support:
Should there be any questions, please feel free to let us know and contact us with your purchase order number at *info@elecrow.com*.

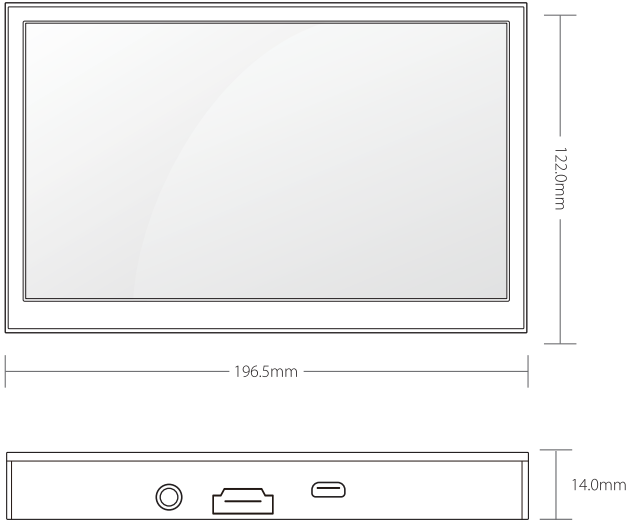⚠️ **IMPORTANT SAFETY WARNING!**

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliancein a safe way and understand the hazards involved.
- Children shall not playwith the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- **WARNING**: Use the detachable supply unit provided with this appliance only.
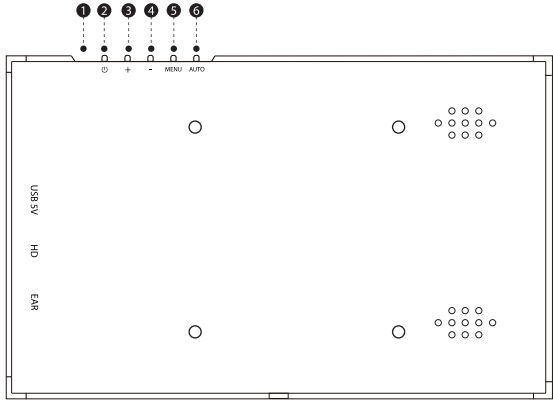

Chapter 01 Before Using the Product

1-1. Package Contents

- 1x 8-inch HDMI Monitor
- 1x HDMI to HDMI Cable
- 1x USB A to Micro USB Cable
- 1x Metal Stand
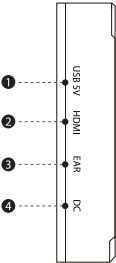- 1x User Manual

1-2. Product Description

122.0mm

196.5mm

14.0mm

1-2-1. Button Indications

❶	Light	Blue light indicated working status.
❷	⏻	Power Button.
❸	+	By default, the key is the hot key for volume. When in the OSD menu, press for up/increase adjustment .
❹	-	By default, the key is the hot key for volume. When in the OSD menu, press for down/decrease adjustment.
❺	MENU	Press to the select/confirm the menu options.
❻	AUTO	Press to the exit the menu options.

1-2-2. Port Description

❶ **USB 5V (USB Type C)**: Power supply for non-touch version. Power supply & touch function for touch version.

❷ **HDMI**: Connects to a source device using an HDMI cable.

❸ **EAR (3.5mm Headphone Jack)**: Connects to an audio output device such as headphone.
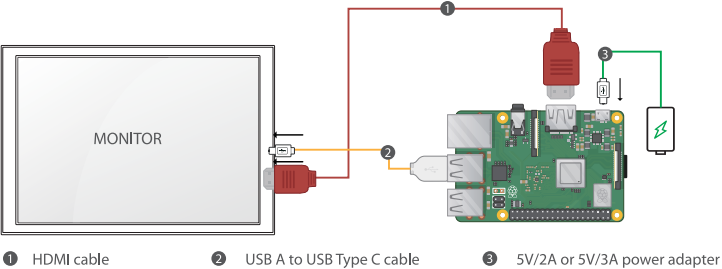
❹ **DC**: Power supply port.

Chapter 02 — Connecting and Using a Source Device

2-1. Connected to Raspberry Pi

2-1-1. Preparations

Number	Material	Quantity
1	Raspberry Pi Board (4B, 3B+, 3B, 2B+, 2B)	1pc
2	8-inch HDMI Monitor	1pc
3	HDMI to HDMI/HDMI to Micro HDMI cable	1pc
4	USB A to Micro USB Cable	1pc
5	5V/2A or 5V/3A Power Adapter	1pc

2-1-2. Connect the Monitor to Raspberry Pi and Power the Raspberry Pi.

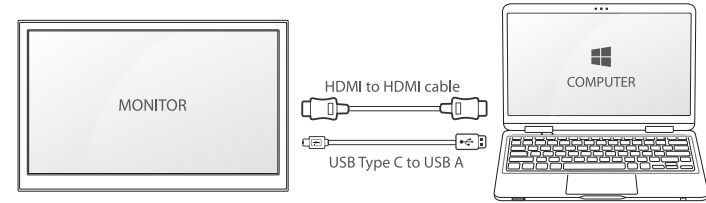❶ HDMI cable   ❷   USB A to USB Type C cable   ❸   5V/2A or 5V/3A power adapter

(1)Monitor Connected to Raspberry Pi 1/2/3
　　MONITOR—HDMI to HDMI cable ————— Raspberry Pi
　　MONITOR—USB Type C to USB A ————Raspberry Pi
　　5V/2A power adapter (Micro USB) ———— Raspberry Pi
(2)Monitor Connected to Raspberry Pi 4
　　MONITOR—HDMI to Micro HDMI cable —— Raspberry Pi
　　MONITOR—USB Type C to USB A ————— Raspberry Pi
　　5V/3A power adapter (Type C) ————— Raspberry Pi

2-2. Connected to PC/Laptop (with HDMI Port)

HDMI to HDMI cable

USB Type C to USB A

⚠ *Note:
• Please connect the cables first then power the Raspberry Pi. And use the full 2A for power supply with Raspberry Pi 3B+, 3B, 2B, B+, A, fully 3A for Raspberry Pi 4B.
• For the touch version monitor, no extra driver needed, just connect the USB cable to the signal output device (not power adapter) to achieve the touch function.

Chapter 03

Panel Size	8 inch
Aspect Ratio	16:10
Resolution	1280x800
Contrast	800:1
Brightness	240cd/m2
Response Time	16 (Typ.)(Tr+Td) ms
Vertical Frequency	60 Hz
Viewing angle	85/85/85/85
Display Mode	ADS, Normally Black, Transmissive
Display Color	16.7M
Display Area	172.224(V)*107.64(H)mm
Phys. Dimension (WxHxD)	196.5*122*14mm
Power Source	USB 5V or DC 12V(+/-0.6V) Plug3.5*1.35mm
Power Consumption	Standby <1 W, Power on <8 W

Chapter 04 — Troubleshooting Guide and Warranty

4-1. 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.

Problem	Possible Solutions
No Power	1. Press the power button to check if the monitor is ON.
	2. Change another USB cable to have a try.
No Picture/No Signal	1. Check whether the monitor and the signal output device are in the ON mode.
	2. Reconnect the signal cable.
	3. Check if the signal is matched with the input function.
	4. Connect another available output device/signal cable/monitor to check whether the issue is caused by the output device hardware, the video signal to the monitor or the monitor itself.
No Sound	1. Adjust the volume settings via the button.
	2. Check whether the headphone is inserted.
	3. The silencer is working.
Dark/Light Picture	Adjust the Brightness settings via the button.
Screen Flickers	1.Power the screen with external power with full 5V/2A.
	2.Change another HDMI cable.

4-2. Warranty

• ELECROW Monitors carry a one (1) year limited warranty from the purchase date. In order to receive warranty service, proof of purchase of the ELECROW 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.

4-3. Customer Support

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

✉ info@elecrow.com   f @elecrow.openhardware