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Eyoyo EM07I

Eyoyo 7-inch Portable Touchscreen Monitor EM07I User Manual

Model: EM07I

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Eyoyo 7-inch Portable Touchscreen Monitor, Model EM07I. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

2. Package Contents

Please check the package for the following items:

- 1 x Eyoyo 7-inch Touchscreen Monitor
- 1 x Smart Cover (doubles as a stand)
- 1 x HDMI Cable
- 1 x USB-C Power Cable
- 1 x Micro HDMI Adapter
- 1 x User Manual



Image: All items included in the Eyoyo 7-inch Portable Monitor package: the monitor, smart cover, HDMI cable, USB-C power cable, micro HDMI adapter, and user manual.

3. Product Features

- **Display:** 7-inch IPS panel with 1024x600 resolution, 178° wide viewing angle, 300cd/m² brightness, and 1000:1 contrast ratio.
- **Touchscreen:** 5-point capacitive touch for responsive interaction.
- **Connectivity:** Mini HDMI port for video input and USB-C for power.
- **Compatibility:** Supports Raspberry Pi (4/3B+/3B/Zero), Windows 7/8/10/11, Mac OS, Linux, game consoles (PS4, Xbox, Switch), and TV boxes.
- **Portability:** Lightweight (0.9 lbs) and slim design (0.4 inches thick) with a foldable smart cover for protection and stand functionality.
- **Audio:** Built-in speakers.



Image: The monitor displaying a vibrant image from three different angles, illustrating its 178-degree wide viewing angle IPS panel.



Image: Visual representation of the 5-point capacitive touchscreen features, including tap, press, zoom out, zoom in, and mouse click gestures on the monitor.

Your browser does not support the video tag.

Video: A comparison demonstrating different portable monitor sizes, providing a visual context for the 7-inch display's dimensions relative to other common sizes.

4. Setup Instructions

Follow these steps to connect your monitor to various devices.

4.1. Connecting to Raspberry Pi

1. Connect the **Micro HDMI Adapter** to the **HDMI Cable**.
2. Plug the Micro HDMI end into your Raspberry Pi's HDMI port.
3. Plug the Mini HDMI end of the cable into the monitor's Mini HDMI port.
4. Connect the **USB-C Power Cable** to the monitor's USB-C port and the other end to a 5V/2A power adapter (not included) or a USB port on your Raspberry Pi (if sufficient power is provided).
5. The monitor should automatically detect the signal.

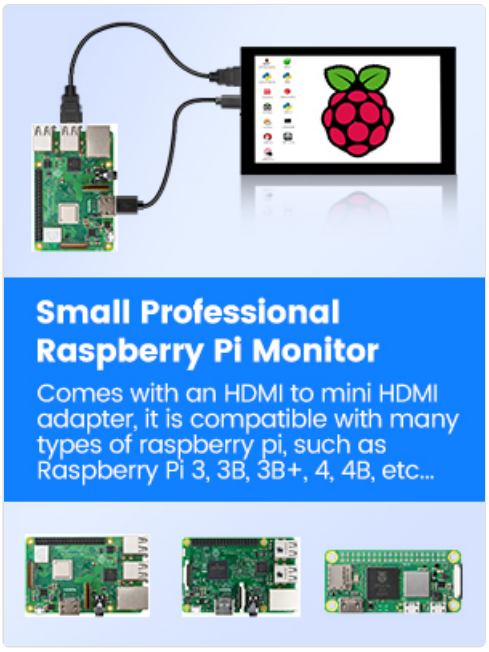

Image: The Eyoyo 7-inch monitor connected to a Raspberry Pi board, displaying the Raspberry Pi desktop interface.

4.2. Connecting to PC/Laptop

1. Connect one end of the **HDMI Cable** to your PC/laptop's HDMI port.
2. Connect the other end (Mini HDMI) to the monitor's Mini HDMI port.
3. Connect the **USB-C Power Cable** to the monitor's USB-C port and the other end to a USB port on your PC/laptop or a 5V/2A power adapter.
4. Your PC/laptop should detect the monitor. You may need to adjust display settings (e.g., duplicate, extend) in your operating system.



Image: The Eyoyo 7-inch monitor set up next to a laptop, functioning as a secondary display.

4.3. Connecting to Game Consoles/TV Box

1. Connect one end of the **HDMI Cable** to your game console or TV box's HDMI output.
2. Connect the other end (Mini HDMI) to the monitor's Mini HDMI port.
3. Connect the **USB-C Power Cable** to the monitor's USB-C port and the other end to a 5V/2A power adapter.
4. Ensure your console/TV box is powered on. The monitor should display the output.



Image: A collage showing the Eyoyo 7-inch monitor connected to various devices including a Raspberry Pi, a laptop, a game console, and a TV box, highlighting its broad compatibility.

5. Operating Instructions

5.1. Power On/Off

The monitor powers on automatically when connected to a power source and receives a signal. To power off, disconnect the USB-C power cable.

5.2. Touchscreen Functionality

The 5-point capacitive touchscreen allows for intuitive interaction. Depending on your connected device's operating system, you can use gestures such as:

- **Tap:** Select items or activate functions.
- **Press and Hold:** Access context menus.
- **Swipe:** Scroll through content or navigate pages.
- **Pinch-to-Zoom:** Enlarge or reduce content (if supported by the application).

For Windows and most Linux distributions, the touch functionality is plug-and-play. For Raspberry Pi, ensure your OS is configured to support touch input.

5.3. Menu Navigation (OSD)

The monitor features a track wheel/menu button, typically located on the side. This button allows you to access and navigate the On-Screen Display (OSD) menu to adjust settings such as brightness, contrast, color, and aspect ratio.

1. **Press:** To open the OSD menu.
2. **Roll/Scroll:** To navigate through menu options.
3. **Press again:** To select an option or confirm a setting.
4. **Long Press:** To exit the OSD menu.



Image: A close-up view of the side of the monitor, highlighting the HDMI port, USB-C power input, and the track wheel menu button for OSD navigation.

6. Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Do not use alcohol, ammonia, or abrasive cleaners.
- **Cleaning the Casing:** Wipe with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in a cool, dry place, preferably in its protective smart cover, to prevent dust accumulation and scratches.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, direct sunlight, or high humidity.

7. Troubleshooting

7.1. No Signal / Black Screen

- Ensure all cables (HDMI, USB-C power) are securely connected.
- Verify the power source is active and providing sufficient power (5V/2A recommended).
- Check if the source device (PC, Raspberry Pi, console) is powered on and outputting video.
- Try a different HDMI cable or port on your source device.
- If connecting to a PC, ensure the display settings are configured correctly (e.g., extended or duplicate display).

7.2. Touchscreen Not Responding

- Ensure the monitor is properly powered.
- For Raspberry Pi, verify that the operating system has the necessary drivers or configurations for touch input.
- For Windows, try reconnecting the monitor or updating display drivers.
- Restart the connected device.

7.3. Image Quality Issues (Flickering, Distorted Colors)

- Check the HDMI cable for damage.
- Adjust brightness, contrast, and color settings via the OSD menu.
- Ensure the source device's resolution output is compatible with the monitor (1024x600 native).

8. Specifications

Feature	Specification
Brand	Eyoyo
Model Number	EM07I
Screen Size	7 inches
Display Technology	IPS LCD
Native Resolution	1024 x 600
Brightness	300 cd/m²
Contrast Ratio	1000:1
Viewing Angle	178° (H/V)
Response Time	3 ms
Refresh Rate	60 Hz
Touchscreen	5-point Capacitive
Connectivity	Mini HDMI (Video), USB-C (Power)
Audio	Built-in Speakers
Dimensions (D x W x H)	7.05" x 3.98" x 0.39"
Weight	Approx. 0.9 lbs

9. Warranty and Support

This Eyoyo monitor comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.
For technical support, warranty claims, or any questions regarding your product, please contact Eyoyo customer service through the retailer where you purchased the product or visit the official Eyoyo website for contact information. Please retain your proof of purchase for warranty service.

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