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› MAGEX 16-inch OLED Portable Monitor (Model GH160TP-C) User Manual

MAGEX GH160TP-C

MAGEX 16-inch OLED Portable Monitor (Model GH160TP-C) User Manual

Your guide to setting up, operating, and maintaining your portable display.

1. INTRODUCTION

Thank you for choosing the MAGEX 16-inch OLED Portable Monitor. This manual provides essential information for the safe and efficient use of your device. Please read it thoroughly before operation and retain it for future reference. This monitor features a 16-inch AMOLED 3K (2880x1800) display with a 120Hz refresh rate and 0.1ms response time, designed for high-quality visual performance and portability.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x 16" AMOLED Portable Monitor
- 1x User Manual (this document)
- 2x USB-C to USB-C Cable
- 1x Standard HDMI to Mini HDMI Cable
- 1x Power Adapter

What's in the box

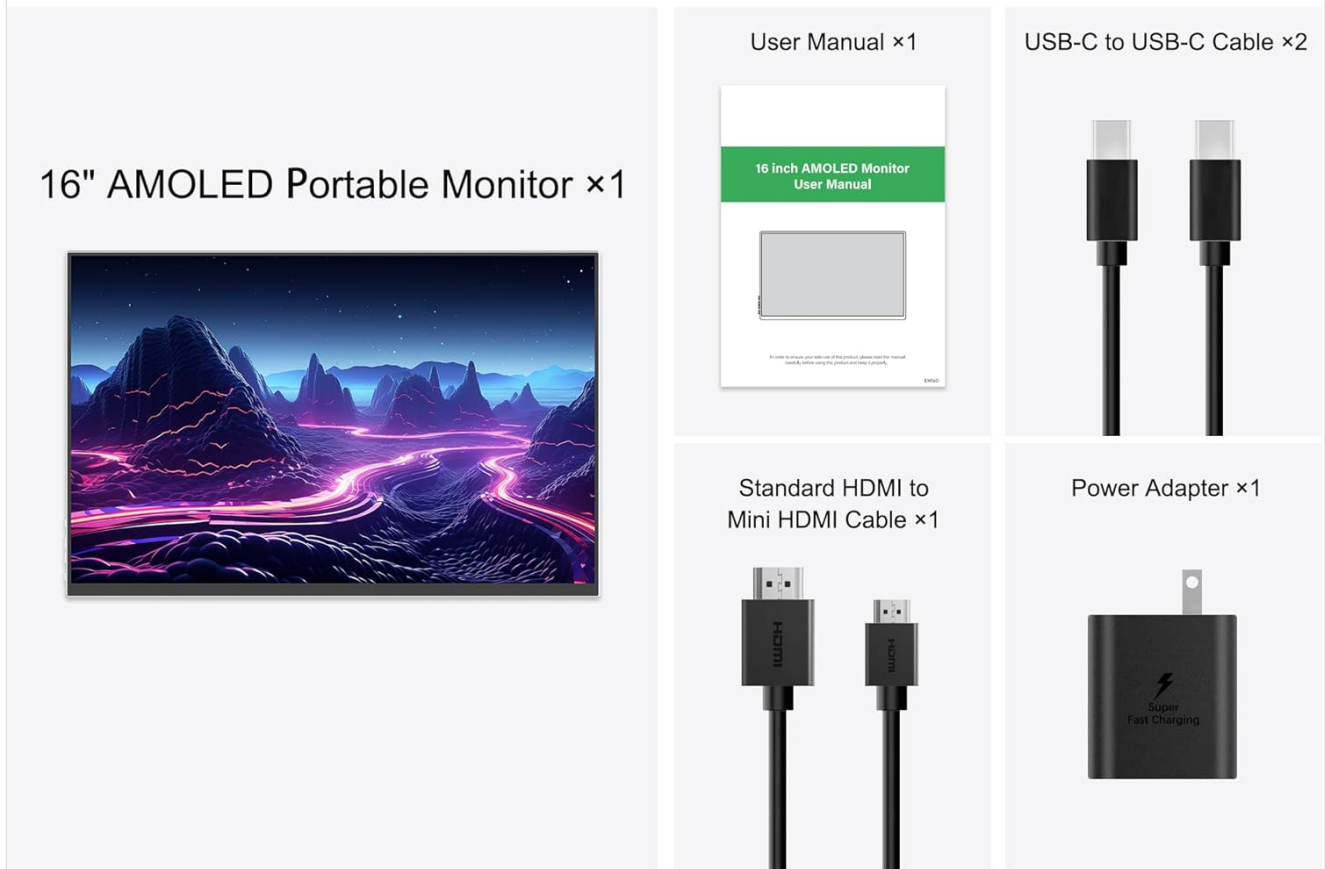


Image: All items included in the MAGEX 16-inch OLED Portable Monitor package, including the monitor, two USB-C to USB-C cables, one standard HDMI to mini HDMI cable, a power adapter, and the user manual.

3. PRODUCT OVERVIEW

3.1 Monitor Features

The MAGEX 16-inch OLED Portable Monitor is designed for versatility and high performance:

- **Display:** 16-inch AMOLED, 2880x1800 (3K) resolution, 16:10 aspect ratio.
- **Performance:** 120Hz refresh rate, 0.1ms response time.
- **Color:** 120% DCI-P3 color gamut, 1074M colors, 500,000:1 contrast ratio.
- **Brightness:** 450 cd/m² (Candela per square meter).
- **Design:** Ultra-thin bezels (0.1 inch), 0.18 inch profile, 1.74 lbs weight, durable aluminum enclosure.
- **Connectivity:** 2x Full-featured USB-C ports, 1x Mini HDMI port.
- **Ergonomics:** Integrated 90° adjustable kickstand, 75x75mm VESA mount compatibility.
- **Audio:** Dual 1W speakers.



Image: The MAGEX 16-inch OLED Portable Monitor showcasing its 3K AMOLED display, 120Hz refresh rate, 0.1ms response time, ultra-thin bezels, VESA compatibility, and high contrast ratio.

Slim. Sleek. Sturdy

3-sided ultrathin bezels, enjoy endless immersion

1.74

Pounds



0.18in
Thickness



1.74lb
Weight



0.10in
Ultrathin Bezels



Aluminum
Enclosures

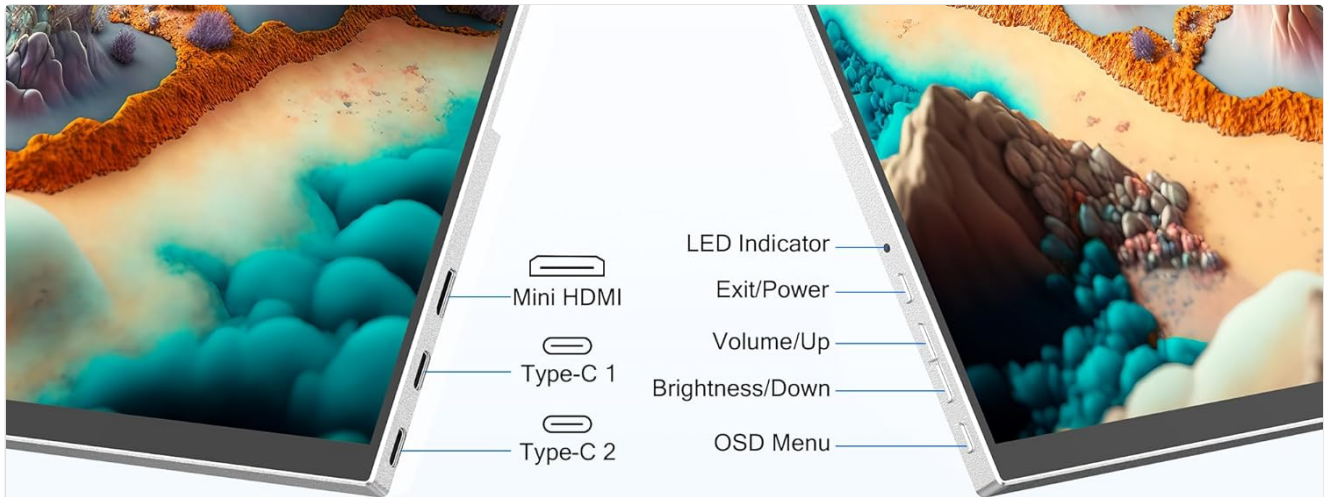
Image: A side view of the monitor emphasizing its slim profile (0.18 inches) and light weight (1.74 pounds), highlighting its portability and ultra-thin bezels.

3.2 Ports and Controls

Familiarize yourself with the ports and control buttons on your monitor:

- **LED Indicator:** Shows power status.

- **Exit/Power Button:** Short press to exit menu, long press to power on/off.
- **Volume/Up Button:** Adjusts volume or navigates up in OSD menu.
- **Brightness/Down Button:** Adjusts brightness or navigates down in OSD menu.
- **OSD Menu Button:** Accesses the On-Screen Display menu.
- **Type-C 1 & 2 Ports:** Full-featured USB-C ports for power, video, and data transmission.
- **Mini HDMI Port:** For video input from devices with HDMI output.



SUPPORT MULTIPLE DEVICES

Type-C



Mini HDMI



Image: A detailed diagram illustrating the location and function of the LED indicator, Exit/Power, Volume/Up, Brightness/Down, OSD Menu buttons, and the Type-C 1, Type-C 2, and Mini HDMI ports on the monitor, along with compatible devices.

4. SETUP

4.1 Connecting to a Device

The MAGEX portable monitor supports connection via USB-C or Mini HDMI. Ensure the monitor is connected to an external power supply for stable performance, especially when using HDMI or if your device's USB-C port does not provide sufficient power.

4.1.1 USB-C Connection (Full-featured USB-C port required)

1. Connect one end of the provided USB-C to USB-C cable to a full-featured USB-C port on your device (e.g., laptop, smartphone, tablet).
2. Connect the other end of the USB-C cable to either Type-C 1 or Type-C 2 port on the monitor.
3. If your device's USB-C port does not supply enough power, or for optimal stability, connect the provided power adapter to the other USB-C port on the monitor.

Device with USB-C port

(Must be Thunderbolt 3/4 or USB 3.1 & above)



1 USB-C to USB-C cable for both power and signal

*External power is required if power is insufficient.



Device with HDMI port



1 standard HDMI to mini HDMI cable for signal

1 USB-C to USB-C cable for power



Image: Visual guide for connecting the monitor. The top section shows a laptop connected to the monitor via a single USB-C cable for both power and signal. The bottom section illustrates connecting a laptop via Mini HDMI for signal and a USB-C cable for power.

Note: For Type-C signal sources, the maximum output is 2880x1800@120Hz. Ensure your device's USB-C port supports video output (DisplayPort Alternate Mode).

4.1.2 HDMI Connection

1. Connect one end of the provided Standard HDMI to Mini HDMI cable to the HDMI output of your device (e.g., laptop, PC, game console).
2. Connect the Mini HDMI end of the cable to the Mini HDMI port on the monitor.
3. Connect the provided power adapter to one of the USB-C ports on the monitor using a USB-C to USB-C cable to supply power.

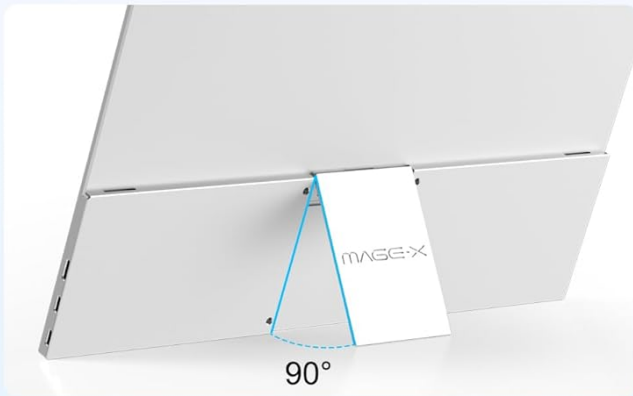
Note: For HDMI signal sources, the maximum output is 2880x1800@100Hz.

4.2 Adjusting the Kickstand and VESA Mounting

The monitor features an integrated kickstand that can be adjusted up to 90 degrees for optimal viewing angles. For a more permanent setup or to save desk space, the monitor is VESA compatible (75x75mm).

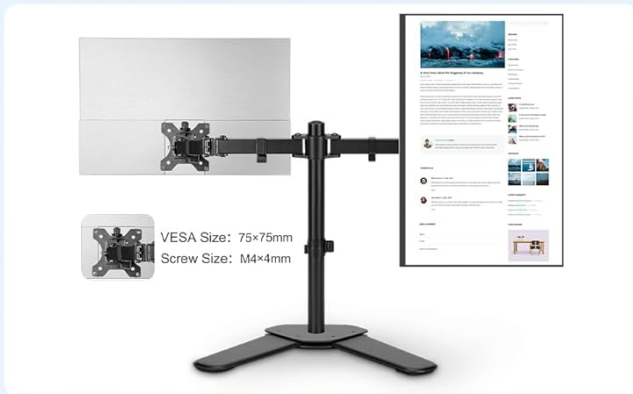
- **Kickstand:** Gently pull out the kickstand from the back of the monitor and adjust it to your desired angle.
- **VESA Mounting:** The monitor has 75x75mm VESA mounting holes. Use M4x6mm screws (not included) to attach the monitor to a compatible VESA arm or wall mount.

KICKSTAND & VESA



VERSATILE VIEWING

Easily adjusted to your preferred angle for a comfortable and personalized viewing experience.



75*75mm VESA

Freely choose to install it on the wall or on the table to improve space utilization.

Image: The monitor displaying its adjustable kickstand, which allows for angles up to 90 degrees. Below, an illustration shows the 75x75mm VESA mounting pattern and how the monitor can be attached to a desk mount.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the monitor, long press the **Exit/Power** button. To power off, long press the same button again.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Press the **OSD Menu** button to access it.

- Use the **Volume/Up** and **Brightness/Down** buttons to navigate through menu options.
- Press the **OSD Menu** button again to select an option or confirm a setting.
- Press the **Exit/Power** button to go back or exit the OSD menu.

Common OSD settings include:

- **Brightness/Contrast:** Adjust image luminance and distinction.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI inputs.
- **Audio:** Adjust volume or mute speakers.
- **HDR Mode:** Enable or disable High Dynamic Range.
- **Low Power Mode:** Adjust power consumption settings. (Note: To achieve full brightness, ensure the monitor is not in a low power mode setting within the OSD.)

5.3 Audio Output

The monitor includes dual 1W speakers. Audio will be output through these speakers when connected via USB-C or HDMI. You can adjust the volume using the **Volume/Up** button or through the OSD menu.

6. MAINTENANCE

6.1 Cleaning the Monitor

- Always power off the monitor and disconnect all cables before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not use alcohol, ammonia-based cleaners, or abrasive materials, as these can damage the screen surface.
- Avoid spraying liquid directly onto the screen or into any openings.

6.2 Storage and Handling

- Store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.
- When transporting, use a protective sleeve or case to prevent scratches and impacts, especially given its thin design.
- Avoid placing heavy objects on the monitor.

7. TROUBLESHOOTING

If you encounter issues with your MAGEX portable monitor, refer to the following common problems and solutions:

7.1 No Display / Black Screen

- **Check Power:** Ensure the monitor is properly connected to a power source using the provided power adapter or a sufficiently powered USB-C port. The LED indicator should be on.
- **Check Cable Connections:** Verify that the USB-C or HDMI cable is securely connected to both the monitor and your device. Try a different cable if available.
- **Input Source:** Press the OSD Menu button and navigate to "Input Source" to ensure the correct input (USB-C or HDMI) is selected.
- **Device Compatibility:** For USB-C connections, confirm your device's USB-C port supports video output (DisplayPort Alternate Mode).
- **External Power:** If using a single USB-C cable for both power and signal, and the screen is unstable or black, connect the external power adapter to the monitor's second USB-C port.

7.2 Image Flickering or Unstable Display

- **Power Supply:** Ensure adequate power is supplied to the monitor. Use the included power adapter.
- **Cable Quality:** Use the provided cables. Low-quality or damaged cables can cause signal issues.
- **Refresh Rate:** Check your device's display settings to ensure the refresh rate is compatible with the monitor's capabilities (up to 120Hz for USB-C, 100Hz for HDMI).

7.3 Incorrect Resolution or Refresh Rate

- **Device Display Settings:** Adjust the resolution and refresh rate in your computer's or device's display settings.
- **Cable Type:** Ensure you are using the correct cable for desired performance. USB-C supports 2880x1800@120Hz, while HDMI supports 2880x1800@100Hz.

7.4 No Sound from Speakers

- **Volume Level:** Check the monitor's volume setting via the OSD menu or the Volume/Up button.
- **Device Audio Output:** Ensure your connected device is set to output audio to the MAGEX monitor.
- **Mute Function:** Check if the monitor's audio is muted in the OSD settings.

8. SPECIFICATIONS

Model Number	GH160TP-C
Screen Size	16 Inches
Panel Type	AMOLED
Resolution	3K (2880 x 1800)
Aspect Ratio	16:10
Refresh Rate	Up to 120Hz (USB-C), Up to 100Hz (HDMI)
Response Time	0.1ms
Brightness	450 cd/m ²
Contrast Ratio	500,000:1
Color Gamut	120% DCI-P3
Color Depth	1074M Colors
Connectivity	2x USB-C (Full-featured), 1x Mini HDMI
Audio	Dual 1W Speakers
VESA Mount	75x75mm
Product Dimensions	13.9 x 0.17 x 9 inches
Item Weight	1.74 pounds

9. WARRANTY AND SUPPORT

MAGEX products are designed for reliability and performance. For warranty information and technical support, please refer to the official MAGEX website or contact their customer service directly.

- **Online Support:** Visit the MAGEX Store on Amazon for product information and support resources.
- **Contact Customer Service:** Refer to your purchase documentation or the MAGEX website for specific contact details.

Please retain your proof of purchase for warranty claims.