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KTC H15F8

KTC Portable Monitor H15F8 User Manual

Model: H15F8

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your KTC H15F8 15.6-inch Portable Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.



Image: Front view of the KTC H15F8 Portable Monitor.

2. Package Contents

Verify that all items listed below are included in your product package. If any items are missing or damaged, please contact customer support.

- 1 x KTC H15F8 Portable Monitor
- 1 x Protective Cover
- 1 x Product Package Box
- 1 x User Manual
- 1 x HDMI to Mini HDMI Cable
- 1 x USB-C Cable



Image: All items included in the KTC H15F8 Portable Monitor package.

3. Product Overview

3.1 Ports and Controls

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



Image: Detailed view of the monitor's ports and control buttons.

- **USB-C (Full-Function) Ports (x2):** Used for video signal transmission, power supply, and power pass-through charging.
- **Mini HDMI Port:** Used for video signal input from devices without full-featured USB-C.
- **Menu Button:** Accesses the On-Screen Display (OSD) menu.
- **Brightness** / **Increase Button:** Adjusts brightness or navigates up in the OSD menu.
- **Volume** / **Decrease Button:** Adjusts volume or navigates down in the OSD menu.
- **Back** / **Power Button:** Returns to the previous menu or powers the monitor on/off.

4. Setup and Connection

The KTC H15F8 monitor offers wide compatibility and plug-and-play functionality with various devices.



Image: The portable monitor connected to various devices, demonstrating its wide compatibility.

4.1 Connecting via USB-C (Full-Function)

For devices with a full-function USB-C port (e.g., modern laptops, MacBooks, some smartphones/tablets):

1. Connect one end of the provided USB-C cable to the full-function USB-C port on your device.
2. Connect the other end of the USB-C cable to either of the full-function USB-C ports on the KTC H15F8 monitor.
3. The monitor will automatically detect the signal and draw power from your device. If additional power is needed, connect a power adapter (not included) to the second USB-C port on the monitor.

4.2 Connecting via Mini HDMI

For devices without a full-function USB-C port (e.g., gaming consoles like PS5, Xbox, Nintendo Switch, older PCs/laptops):

1. Connect one end of the provided HDMI to Mini HDMI cable to the HDMI output of your device.
2. Connect the Mini HDMI end of the cable to the Mini HDMI port on the KTC H15F8 monitor.
3. Connect a USB-C power adapter (not included) to one of the full-function USB-C ports on the monitor to provide

power. The monitor requires external power when using the Mini HDMI connection.

4.3 Powering the Monitor

- **USB-C Connection:** The monitor can often be powered directly by the connected device via a single USB-C cable. If the device cannot supply sufficient power, or if you wish to charge your device through the monitor, connect an external USB-C power adapter to the monitor's second USB-C port.
- **Mini HDMI Connection:** External power is required. Connect a USB-C power adapter (not included) to one of the monitor's full-function USB-C ports.

4.4 Video Demonstration

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Video: A demonstration of connecting and using the KTC Portable Monitor H15F8 with various devices.

5. Operating Modes

The KTC H15F8 supports various display modes to enhance productivity and entertainment.



Image: Visual representation of the three primary operating modes.

- **Extend Mode:** Expands your desktop workspace across two screens, allowing for increased multitasking.
- **Second Screen Mode:** Uses the portable monitor as the primary display for a mini PC or other compact device.
- **Duplicate Mode:** Mirrors the content of your main screen onto the portable monitor, ideal for presentations or sharing content.

These modes can typically be configured through your connected device's display settings (e.g., Windows Display Settings, macOS System Preferences).

6. Maintenance

To ensure the longevity and optimal performance of your KTC H15F8 Portable Monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Avoid using alcohol, ammonia, or abrasive cleaners, as they can damage the screen surface.

- **Storage:** When not in use, store the monitor in its protective cover to prevent scratches and dust accumulation.
- **Handling:** Avoid applying excessive pressure to the screen. Do not drop or subject the monitor to strong impacts.
- **Environment:** Operate and store the monitor in a dry environment, away from extreme temperatures, direct sunlight, and high humidity.

7. Troubleshooting

If you encounter issues with your KTC H15F8 Portable Monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display / "No Signal" message	◦ Incorrect cable connection ◦ Insufficient power supply ◦ Incorrect input source selected ◦ Device display settings	◦ Ensure cables are securely connected to the correct ports. ◦ For HDMI, ensure external power is connected to the monitor. For USB-C, try a different USB-C port or external power. ◦ Press the Menu button to access the OSD and select the correct input source (USB-C or HDMI). ◦ Adjust your device's display settings to detect the external monitor.
Flickering or unstable display	◦ Loose cable connection ◦ Power fluctuations ◦ Cable quality	◦ Check and re-secure all cable connections. ◦ Ensure the monitor is receiving stable power. ◦ Try using a different, high-quality USB-C or HDMI cable.
No sound from built-in speakers	◦ Monitor volume too low or muted ◦ Device audio output settings	◦ Increase monitor volume using the Volume button or OSD menu. ◦ Check your connected device's audio output settings to ensure sound is directed to the portable monitor.
Monitor not powering on	◦ No power supply ◦ Faulty cable	◦ Ensure the monitor is connected to a power source (either via full-function USB-C from a device or an external USB-C power adapter). ◦ Try a different USB-C cable or power adapter.

8. Specifications

Technical specifications for the KTC H15F8 Portable Monitor:

Feature	Detail
Brand	KTC
Model Number	H15F8
Screen Size	15.6 inches
Resolution	FHD 1080p (1920 x 1080 pixels)
Display Technology	IPS
Refresh Rate	60 Hz

Feature	Detail
Aspect Ratio	16:9
Contrast Ratio	1000:1
Brightness	300 cd/m²
Viewing Angle	178 degrees
Response Time	7 milliseconds
Connectivity	2 x USB Type-C (Full-Function), 1 x Mini HDMI
Audio	Built-In Speakers
Special Features	HDR Support, Adaptive Sync, Portable
Dimensions (D x W x H)	0.46"D x 14.1"W x 8.7"H
Power Consumption	12 watts

9. Warranty Information

The KTC H15F8 Portable Monitor comes with a**3-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For detailed warranty terms and conditions, please refer to the official KTC website or contact customer support.

10. Customer Support

KTC offers 24/7 professional customer service to assist you with any inquiries or issues you may have. If you require assistance with setup, encounter missing accessories, or experience damaged shipments, please do not hesitate to contact our support team.
You can typically find contact information for KTC customer support on the official KTC website or through the retailer where you purchased the product.

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