

## Kinhank K16

# Kinhank K16 Portable Monitor User Manual

Model: K16

16" 2.5K QHD IPS HDR Travel Monitor

## 1. INTRODUCTION

Thank you for choosing the Kinhank K16 Portable Monitor. This 16-inch 2.5K QHD IPS HDR display is designed to enhance your productivity and entertainment experience on the go. With its high resolution, fast refresh rate, and versatile connectivity, it serves as an excellent second screen for laptops, gaming consoles, and smartphones. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Image: The Kinhank K16 Portable Monitor, showcasing its sleek design and integrated stand.

## 2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and in good condition:

- Kinhank K16 Portable Monitor x1
- Magnetic Leather Case (doubles as stand) x1
- USB Type-C to USB Type-C Cable x1
- HDMI to HDMI Cable x1
- PD Charger x1
- User Manual x1

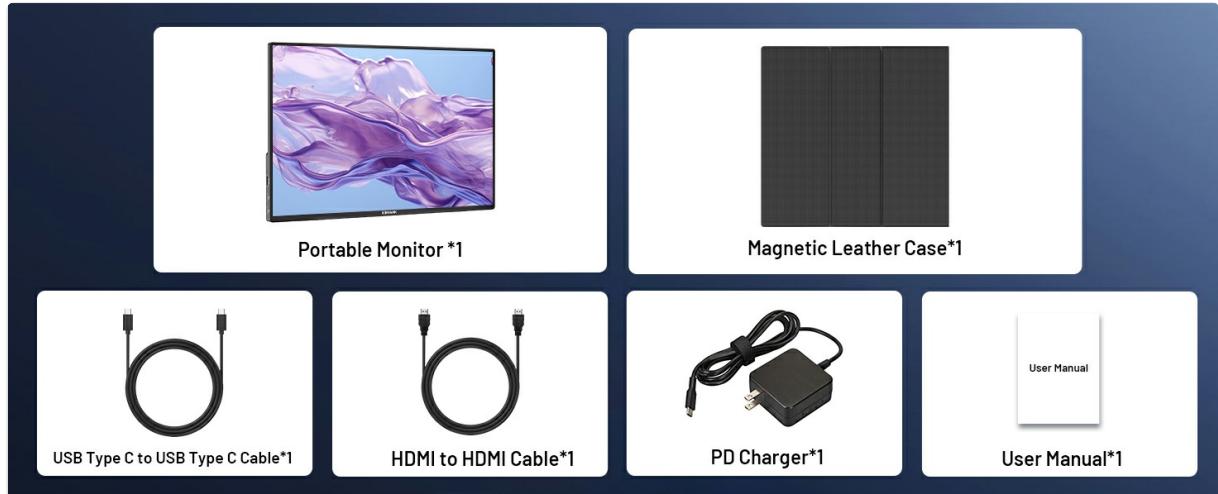


Image: A visual representation of the Kinhank K16 package contents, including the monitor, magnetic case, cables, charger, and manual.

### 3. PRODUCT OVERVIEW (PORTS & CONTROLS)

Familiarize yourself with the ports and buttons on your Kinhank K16 monitor:

# WIDE DEVICES COMPATIBILITY



Image: Detailed view of the Kinhan K16 monitor's side, highlighting the location and function of each port and control button.

- **Standard HD IN:** HDMI input for video and audio signals.
- **Full Function Type-C Port:** Supports video, audio, and power delivery via a single USB-C cable.
- **Power/Return Button:** Powers the monitor on/off and acts as a return button in the OSD menu.
- **Brightness Control:** Adjusts screen brightness.
- **OSD (On-Screen Display) Button:** Accesses the monitor's settings menu.
- **Volume Button:** Adjusts the audio output volume.
- **Audio Jack (3.5mm):** Connect external headphones or speakers.

## 4. SETUP

The Kinhan K16 monitor is designed for plug-and-play convenience. No additional drivers or software are required for most connections.

### 4.1 Connecting to Devices

The monitor supports two primary connection methods:

## 2 CONNECTION WAYS, 3 DISPLAY MODES



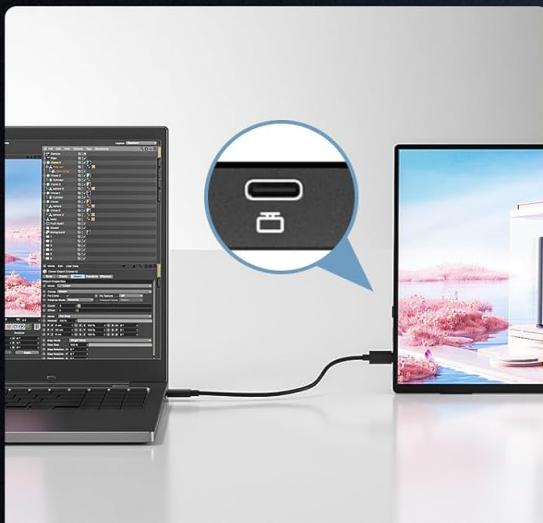
**Duplicate**



**Extend**



**Second Screen Only**



### USB-C Connection

When device has **Full Functional USB-C** port, just use one USB-C cable (**Included in the Package**) to connect



### HDMI Connection

When device doesn't have Full Function Type-C port, just use Type-C Adapter and HDMI cable (**Included in the Package**) to connect

Image: Illustration of USB-C and HDMI connection methods for the portable monitor.

- **USB-C Connection (Single Cable):**

If your laptop, smartphone, or other device has a full-function USB-C port (supporting DisplayPort Alternate Mode and Power Delivery), you can connect the monitor using only the included USB Type-C to Type-C cable. This single cable will transmit video, audio, and power to the monitor.

### CONNECT WITH LAPTOP/MACBOOK

With the **full function type-C cable** and **standard HDMI cable** included in the package, K16 portable laptop monitor can be connected to almost all laptops/ Macbook on the market.



Image: Connecting the K16 monitor to a laptop using a single USB-C cable for extended display.

## Extend Your Phone Screen

Watch videos/pictures on a bigger screen. For phones with a full functional Type-C port, **only one type-c cable is needed** to connect the portable monitor to your phone.

**Kindly Note:**

For phones without Full Function Type-C port, the screen can only be transferred to the portable monitor through **screen casting**.



Image: Extending a smartphone screen to the K16 monitor using a single USB-C cable.

- **HDMI Connection:**

If your device does not have a full-function USB-C port, you can use the included HDMI cable for video and audio transmission. In this setup, the monitor will require external power via the included Type-C power cable and PD charger.

## CONNECT WITH MINI PC

K16 portable monitor can be connected with Mini PC via standard HDMI cable or Type-C cable. For Mini PC, an additional Type C power supply (Included in the package) is needed.

Full function Type-C

Standard HDMI



Image: Connecting the K16 monitor to a Mini PC using HDMI for video and a separate USB-C cable for power.

## A GOOD GAMING DISPLAY

K16 gaming monitor is compatible with almost all gaming devices on the market, such as Xbox, Switch, PS5/4/3, etc. 144Hz refresh rate and 3ms low latency enhances your gaming experience, allowing you to enjoy your games on a bigger screen.



Image: The K16 monitor connected to various gaming consoles, demonstrating its use as a portable gaming display.

### 4.2 Using the Magnetic Smart Cover

The included magnetic smart cover protects your monitor and doubles as a stable stand. Fold the cover into a triangular prism shape to prop up the monitor at various viewing angles.

### 4.3 VESA Mounting

The Kinhank K16 features 75mm x 75mm VESA holes on the back, allowing you to mount it on compatible monitor arms or wall mounts for a more permanent setup.



Image: The K16 monitor's VESA mounting capability, illustrating how it can be attached to a monitor stand.

## 5. OPERATING THE MONITOR

### 5.1 Display Modes

When connected to a computer, you can configure the display mode:

- **Duplicate Mode:** Mirrors your primary display.
- **Extend Mode:** Extends your desktop, providing more screen real estate for multitasking.
- **Second Screen Only:** Displays content only on the portable monitor.

These settings are typically adjusted through your operating system's display settings (e.g., Windows Display Settings, macOS System Preferences).

### 5.2 OSD (On-Screen Display) Menu

Use the OSD button to access the monitor's settings menu. Navigate using the brightness and volume buttons, and confirm selections with the OSD button or power button (for return).

Key OSD settings include:

- **Brightness & Contrast:** Adjust visual output.
- **Color Settings:** Adjust color temperature, gamma, and color gamut.
- **HDR Mode:** Enable/disable High Dynamic Range for richer colors and contrast.
- **FreeSync:** Enable/disable AMD FreeSync for smoother gaming (requires compatible GPU).
- **Low Blue Light:** Activate eye protection mode to reduce blue light emission.
- **Aspect Ratio:** Adjust display aspect ratio (e.g., 16:9, 16:10).
- **Input Source:** Manually select HDMI or Type-C input.

### 5.3 Landscape and Portrait Modes

The monitor automatically or manually supports both landscape and portrait orientations, offering flexibility for different tasks such as document reading or coding.



Image: The K16 monitor demonstrating its ability to switch between landscape and portrait modes for various applications.

#### 5.4 Gaming Features

The K16 monitor is optimized for gaming with a 144Hz refresh rate and 3ms low latency, providing a smooth and responsive experience. AMD FreeSync technology further reduces screen tearing and stuttering when paired with a compatible graphics card.

**EXCELLENT GAMING MONITOR**

**Reduces lag, screen distortion and tearing problems**  
Greatly improves the player experience and competitiveness

Switch      Xbox      PS3/4/5

**144Hz**

**AMD FreeSync**

**3ms**

**Without AMD FREESYNC**      **With AMD FREESYNC**

**2.5K 144Hz**

**60Hz 1080P**

**Kindly Note:**  
Type-C supports 144Hz, HDMI supports 120Hz

Image: The K16 monitor showcasing its gaming capabilities, emphasizing high refresh rate and low latency.

## 6. MAINTENANCE

Proper care and maintenance will extend the life of your Kinhank K16 monitor:

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Wipe the aluminum alloy casing with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in its magnetic leather case to protect it from dust and scratches. Avoid extreme temperatures or humidity.
- **Handling:** Always handle the monitor by its edges. Avoid applying pressure directly to the screen.

## 7. TROUBLESHOOTING

If you encounter issues with your Kinhank K16 monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display/"No Signal"	Incorrect input source selected; loose cable connection; insufficient power; device not outputting signal.	Ensure cables are securely connected. Check if the monitor is receiving power. Select the correct input source via the OSD menu. Verify your source device is outputting a signal.
Screen flickering/unstable image	Cable quality; refresh rate mismatch; power fluctuations.	Try a different cable. Ensure the refresh rate on your source device matches the monitor's capabilities. Use the provided PD charger for stable power.
No sound from monitor speakers	Volume too low; audio output settings on source device; faulty cable.	Increase monitor volume via OSD. Check audio output settings on your connected device (e.g., set to K16 monitor). Ensure the cable supports audio transmission.
Monitor not powering on	No power supply; faulty power adapter/cable.	Ensure the PD charger is connected to a working power outlet and the monitor's Type-C power port. Try a different power outlet or cable if available.
Cannot adjust brightness/settings	OSD locked; specific mode limitations.	Check the OSD menu for any 'lock' features. Some settings may be greyed out depending on the active mode (e.g., HDR).

If the problem persists after trying these solutions, please contact Kinhank customer support for further assistance.

## 8. SPECIFICATIONS

Detailed technical specifications for the Kinhank K16 Portable Monitor:

# 2560\*1600P QHD IPS SCREEN



Low  
Blue Light



HDR  
16:10 Screen



500 cd/m<sup>2</sup>  
Brightness



1200:1  
Contrast Ratio



178°  
View Angle



1.06B  
Display Color



100%  
sRGB



76%  
NTSC



Image: Key display features of the K16 monitor, including resolution, brightness, and color gamut.

Feature	Specification
Model Number	K16
Screen Size	16 Inches
Display Type	IPS LCD
Resolution	2560 x 1600 Pixels (2.5K QHD+)
Aspect Ratio	16:10
Refresh Rate	144Hz (Type-C), 120Hz (HDMI)
Response Time	3ms
Brightness	500 nits (cd/m <sup>2</sup> )
Color Gamut	100% sRGB
Viewing Angle	178° (Horizontal/Vertical)

Feature	Specification
HDR Support	Yes
FreeSync Support	Yes
Speakers	Dual Stereo Speakers
Connectivity	1x Full Function USB-C, 1x Standard HDMI, 1x 3.5mm Audio Jack
VESA Mount	75mm x 75mm
Product Dimensions	0.55 x 13.77 x 9.5 inches
Item Weight	1.9 pounds (monitor only), 3.74 pounds (with packaging)
Casing Material	CNC Aluminum Alloy

## 9. WARRANTY & SUPPORT

Kinhank stands behind the quality of its products. The K16 portable monitor comes with the following:

- 2 Years Unlimited Warranty:** Covers manufacturing defects and ensures product reliability.
- 30-Day No-Hassle Return Service:** For easy returns if you are not satisfied.
- 24-Month Product Warranty:** Specific warranty period for the device.
- Life-Time Technical Support:** Ongoing assistance for any technical queries or issues.
- 24 Hours Customer Service:** Dedicated support available around the clock.

For warranty claims, technical assistance, or any other inquiries, please contact Kinhank customer support through the contact information provided with your purchase or on the official Kinhank website.

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## Related Documents

 <b>KINHANK K16G-Pro Portable Monitor User Manual</b> Comprehensive user manual for the KINHANK K16G-Pro Portable Monitor, covering setup, features, specifications, connectivity, and troubleshooting for enhanced visual experiences.
 <b>Super Console X8 User Manual: Features, Settings, and Precautions</b> User manual for the KINHANK Super Console X8 retro game console. Discover features, system switching (EmuELEC/Android), controller setup, emulator management, safety precautions, packing details, and FCC compliance. Optimized for search engines.

