

## UPERFECT 15.6-inch 4K Portable Monitor

# UPERFECT 15.6-inch 4K Portable Monitor User Manual

Model: 15.6-inch 4K Portable Monitor

## 1. INTRODUCTION

Thank you for purchasing the UPERFECT 15.6-inch 4K Portable Monitor. This device is designed to enhance your productivity and entertainment experience with its stunning 4K UHD resolution, vibrant color reproduction, and versatile connectivity. This manual provides essential information for proper setup, operation, and maintenance to ensure optimal performance and longevity of your monitor.



Figure 1: UPERFECT 15.6-inch 4K Portable Monitor

## 2. PACKAGE CONTENTS

Please check the package for the following items:

- UPERFECT 15.6-inch 4K Portable Monitor
- Magnetic Protective Cover (doubles as a stand)
- USB Type-C to Type-C Cable (x2)
- HDMI to Mini HDMI Cable (x1)
- USB Type-A Power Adapter (PSE certified) (x1)
- User Manual (this document)



Figure 2: Included Accessories

## 3. PRODUCT OVERVIEW

Familiarize yourself with the monitor's components and ports.

### 3.1. Monitor Components

- **Display Panel:** 15.6-inch 4K UHD (3840x2160) IPS non-glare screen.
- **Magnetic Cover:** Protects the screen and functions as a multi-angle stand.
- **Built-in Speakers:** Two 8Ω 1W speakers for audio output.
- **Control Buttons:** Power, Menu, Up, Down, Back buttons for OSD navigation.

### 3.2. Ports and Controls



Figure 3: Ports and Controls Layout

- **Full-function USB-C Ports (x2):** For video signal, data transfer, and power delivery.
- **Mini HDMI Port (x1):** For video signal input.
- **USB-A Port (OTG function) (x1):** For connecting peripherals like a keyboard or mouse.
- **3.5mm Audio Jack (x1):** For connecting headphones or external speakers.
- **Power Button:** Turns the monitor on/off.
- **Menu Button:** Accesses the On-Screen Display (OSD) menu.
- **Navigation Buttons (+/-):** Used to navigate and adjust settings within the OSD menu.
- **Back Button:** Returns to the previous OSD menu level.

## 4. SETUP

Follow these steps to set up your UPERFECT portable monitor.

### 4.1. Connecting to a Power Source

The monitor can be powered via a USB-C connection from a compatible device or an external power adapter.

1. **Via USB-C (Single Cable Solution):** If your device (e.g., laptop, smartphone) has a full-function USB-C port (supporting DisplayPort Alternate Mode and Power Delivery), connect one end of the provided USB-C to USB-C cable to your device and the other end to one of the monitor's full-function USB-C ports. This single cable can provide both video signal and power. *Note: If your device's USB-C port does not support sufficient power delivery, or if it's not Thunderbolt 3/4 compatible, you may need to connect an external power source.*
2. **Via External Power Adapter:** Connect the provided USB Type-A power adapter to a power outlet and then to one of the monitor's USB-C ports using a USB-C cable. This ensures stable power delivery, especially when using HDMI for video input or connecting power-intensive devices.

### 4.2. Connecting to Devices

The monitor supports various devices through USB-C and HDMI connections.

- For Laptops/PCs (USB-C):** Connect a USB-C to USB-C cable from your laptop's full-function USB-C port to the monitor. Ensure your laptop's USB-C port supports DisplayPort Alternate Mode.
- For Laptops/PCs (HDMI):** Connect the provided HDMI to Mini HDMI cable from your laptop's HDMI port to the monitor's Mini HDMI port. You will also need to connect the monitor to a power source via USB-C.
- For Smartphones:** Connect a USB-C to USB-C cable from your smartphone's full-function USB-C port to the monitor. Ensure your smartphone supports video output via USB-C (DisplayPort Alternate Mode).
- For Gaming Consoles (Nintendo Switch, PS4/PS5, Xbox):** Connect the provided HDMI to Mini HDMI cable from your console's HDMI output to the monitor's Mini HDMI port. The monitor must also be powered via its USB-C port using the external power adapter.
- For Cameras:** Connect your camera via HDMI to Mini HDMI. Ensure the monitor is powered externally.



Figure 4: Multi-Device Connectivity

#### 4.3. Using the Magnetic Protective Cover

The included magnetic cover not only protects your monitor but also serves as a versatile stand. Fold the cover into a triangular shape to prop up the monitor at various viewing angles.

### 5. OPERATING INSTRUCTIONS

Learn how to operate your monitor and adjust its settings.

#### 5.1. Power On/Off

- Power On:** Press the Power button located on the side of the monitor.
- Power Off:** Press and hold the Power button for a few seconds until the screen turns off.

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

The OSD menu allows you to customize various display settings.

- Access Menu:** Press the Menu button to open the OSD menu.
- Navigate:** Use the '+' and '-' buttons to move through menu options.
- Select/Confirm:** Press the Menu button again to select an option or confirm a setting.
- Exit:** Press the Back button to go back or exit the OSD menu.

#### 5.3. Key Settings and Features

- **Brightness/Contrast:** Adjust these settings for optimal visibility in different lighting conditions. The monitor features 300 nits brightness and a 1300:1 contrast ratio.
- **Color Settings:** Fine-tune color temperature, hue, and saturation. The monitor offers 100% sRGB color gamut for accurate color reproduction.
- **HDR Mode:** Enable High Dynamic Range for enhanced visual depth and contrast in compatible content.
- **Blue Light Reduction:** Activate this feature to reduce eye strain during prolonged use.
- **Input Source:** Manually select between USB-C and HDMI input if auto-detection is not desired.
- **Aspect Ratio:** Adjust the display aspect ratio (e.g., 16:9).
- **FreeSync:** For compatible gaming setups, enable FreeSync to reduce screen tearing and stuttering.



Figure 5: 4K Resolution Detail



Figure 6: High Contrast Ratio

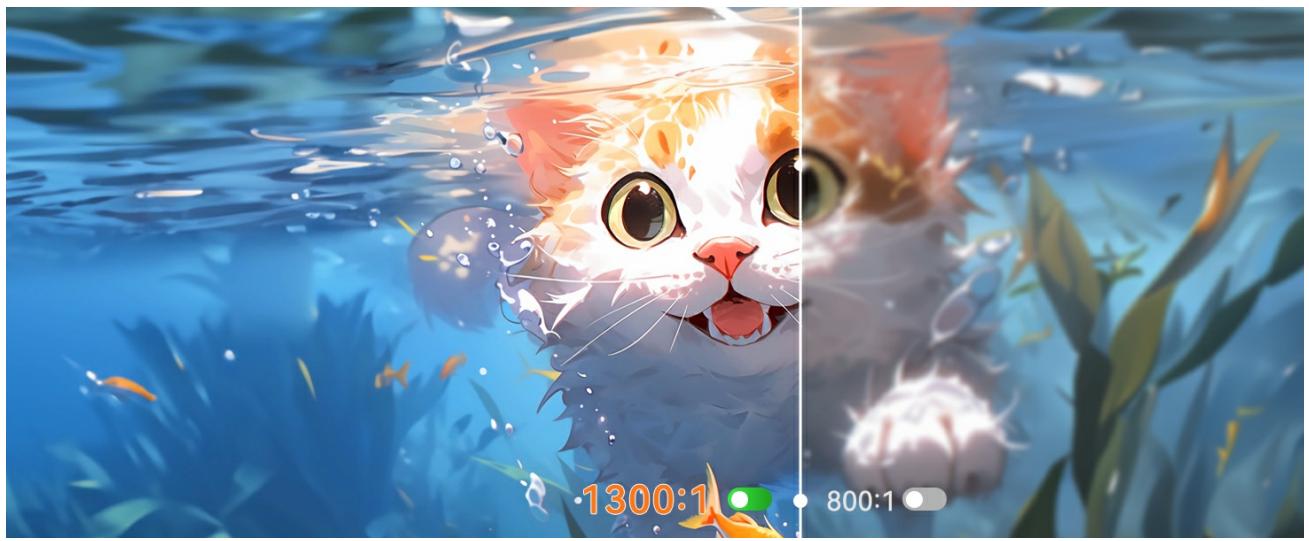


Figure 7: 100% sRGB Color Gamut



Figure 8: 3ms Response Time and FreeSync

#### 5.4. Display Modes

Depending on your connected device, you can configure the display mode:

- **Extend Mode:** Extends your desktop across both screens, providing more workspace.
- **Duplicate Mode:** Mirrors your primary display, showing the same content on both screens.
- **Portrait/Landscape Mode:** The monitor supports both horizontal and vertical orientations. Settings for these modes are typically adjusted on the connected PC or device.

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ワンケーブル接続で映像&給電可能

Figure 9: Portrait Mode Usage

## 6. MAINTENANCE

Proper care will extend the life of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Storage:** When not in use, store the monitor in its protective magnetic cover in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the monitor to strong impacts.

## 7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No display/No signal	<ul style="list-style-type: none"> <li>Incorrect cable connection.</li> <li>Insufficient power.</li> <li>Incorrect input source selected.</li> <li>Device not outputting video.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure cables are securely connected to the correct ports.</li> <li>Connect the external power adapter to the monitor.</li> <li>Check OSD menu to select the correct input source (USB-C/HDMI).</li> <li>Verify your device is configured to output video to an external display.</li> </ul>
Screen flickering/Unstable display	<ul style="list-style-type: none"> <li>Insufficient power.</li> <li>Faulty cable.</li> <li>Resolution/refresh rate incompatibility.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure the monitor is receiving adequate power, especially when using a single USB-C cable. Connect the external power adapter if necessary.</li> <li>Try a different cable.</li> <li>Adjust the resolution or refresh rate on your connected device.</li> </ul>
No audio from speakers/headphones	<ul style="list-style-type: none"> <li>Volume too low/muted.</li> <li>Incorrect audio output device selected on source.</li> </ul>	<ul style="list-style-type: none"> <li>Increase volume via OSD menu or source device.</li> <li>Ensure the monitor is selected as the audio output device on your connected PC/console.</li> </ul>
Cannot connect keyboard/mouse via OTG	<ul style="list-style-type: none"> <li>Device incompatibility.</li> <li>Insufficient power.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure your connected device supports OTG functionality.</li> <li>Ensure the monitor is powered by the external power adapter.</li> </ul>

## 8. SPECIFICATIONS

Detailed technical specifications for the UPERFECT 15.6-inch 4K Portable Monitor.

Feature	Specification
Brand	UPERFECT
Model Number	15.6-inch 4K Portable Monitor
Screen Size	15.6 inches
Resolution	3840 x 2160 (4K UHD)
Panel Type	IPS, Non-glare
Aspect Ratio	16:9
Color Gamut	100% sRGB

Feature	Specification
Contrast Ratio	1300:1
Brightness	300 nits
Response Time	3ms
Refresh Rate	60Hz
Ports	2x Full-function USB-C, 1x Mini HDMI, 1x USB-A (OTG), 1x 3.5mm Audio Jack
VESA Mount	75mm compatible
Dimensions (W x H x D)	355 x 225 x 11 mm
Weight	932 g
Power Consumption	12.00 W

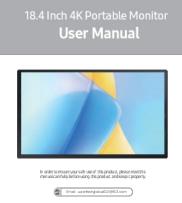
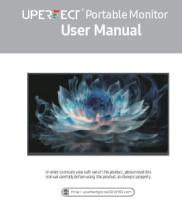
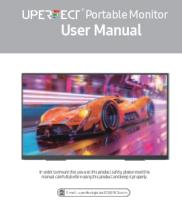
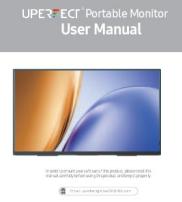
## 9. WARRANTY AND SUPPORT

UPERFECT is committed to providing high-quality products and excellent customer service.

- **Warranty Period:** This product comes with a **12-month warranty** from the date of purchase.
- **PSE Certification:** The included power adapter is PSE certified, ensuring compliance with electrical appliance safety standards.
- **Customer Support:** UPERFECT offers unlimited customer support. If you have any questions regarding product usage, or encounter any issues such as damage during shipping or defective accessories, please contact our support team. We aim to resolve issues within 12 hours.
- **Contact Information:** Please refer to the contact details provided on the UPERFECT official website or your purchase platform for support.



Figure 10: UPERFECT Customer Support

 <p>18.4 Inch 4K Portable Monitor User Manual</p>	<p><a href="#">Uperfect 18.4 Inch 4K Portable Monitor User Manual &amp; Specifications</a></p> <p>Comprehensive user manual for the Uperfect 18.4-inch 4K portable monitor (Model M184T01). Includes setup guides, technical specifications, interface details, troubleshooting tips, and support contact information.</p>
 <p>UPERFECT Portable Monitor User Manual</p>	<p><a href="#">UPERFECT Portable Monitor User Manual - Setup, Specifications, and Troubleshooting</a></p> <p>User manual for the UPERFECT Portable Monitor (24.5-inch, 2K, 165Hz). Includes setup guides for Type-C and HDMI connections, Windows 10 display settings, interface functions, specifications, troubleshooting Q&amp;A, and service support details.</p>
 <p>UPERFECT 17.3-inch Portable Monitor User Manual</p>	<p><a href="#">UPERFECT 17.3-inch Portable Monitor User Manual</a></p> <p>User manual for the UPERFECT 17.3-inch portable monitor, covering setup, specifications, connections, screen adjustments, and troubleshooting.</p>
 <p>UPERFECT Portable Monitor User Manual</p>	<p><a href="#">UPERFECT Portable Monitor User Manual - Setup, Specs, and Support</a></p> <p>Comprehensive user manual for the UPERFECT Portable Monitor. Find detailed information on setup, specifications, supported devices, connectivity options (USB-C, HDMI), Windows display settings, troubleshooting FAQs, and service support.</p>
 <p>UPERFECT 18.5" Dual Portable Monitors User Manual</p>	<p>Comprehensive user manual for the UPERFECT M185E11 18.5-inch dual portable monitor, covering connection methods, Windows 10 setup modes, specifications, screen adjustments, and troubleshooting.</p>
 <p>UPERFECT 18.5 Inch 1080P Portable Monitor User Manual</p>	<p><a href="#">UPERFECT 18.5 Inch 1080P Portable Monitor User Manual - Setup, Specs, Connectivity</a></p> <p>Download the UPERFECT 18.5 Inch 1080P Portable Monitor User Manual. Find detailed instructions on setup, specifications, USB-C and HDMI connectivity, screen adjustments, and troubleshooting for your portable display.</p>