UPERFECT U27

UPERFECT 14.5" 4K UHD Portable Monitor Instruction Manual

Model: U27

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your UPERFECT 14.5" 4K UHD Portable Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Image 1.1: UPERFECT 14.5" 4K UHD Portable Monitor.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

- 1 * 14.5" 4K Portable Monitor
- 1 * Mini HDMI Cable (4K)
- 2 * Type C to Type C Cable
- 1 * PD 30W Power Charger
- 1 * User Manual

3. PRODUCT FEATURES

The UPERFECT 14.5" 4K UHD Portable Monitor offers advanced features for enhanced visual experience and portability:

- **Stunning 4K UHD Display:** 14.5-inch screen with 3840×2400 resolution and a 16:10 aspect ratio for detailed visuals and increased vertical workspace.
- **Vivid Color Reproduction:** Supports 1.06 billion colors (8-bit + FRC) and 100% sRGB for accurate and smooth color gradients.
- **Matte IPS Panel:** Anti-glare display with 500 nits brightness, 2000:1 contrast ratio, and 178° wide viewing angles for clear visibility in various lighting conditions.
- **Ultra-Thin and Lightweight Design:** Measures just 0.2 inches thick and weighs approximately 1 lb, featuring a durable aluminum frame.
- **Smart Cover Stand:** Includes a foldable leather smart cover that functions as a protective cover and an

adjustable stand.

- **Plug-and-Play Connectivity:** Equipped with dual USB-C and Mini HDMI ports for broad compatibility with laptops, tablets, smartphones, cameras, and gaming consoles without requiring drivers.

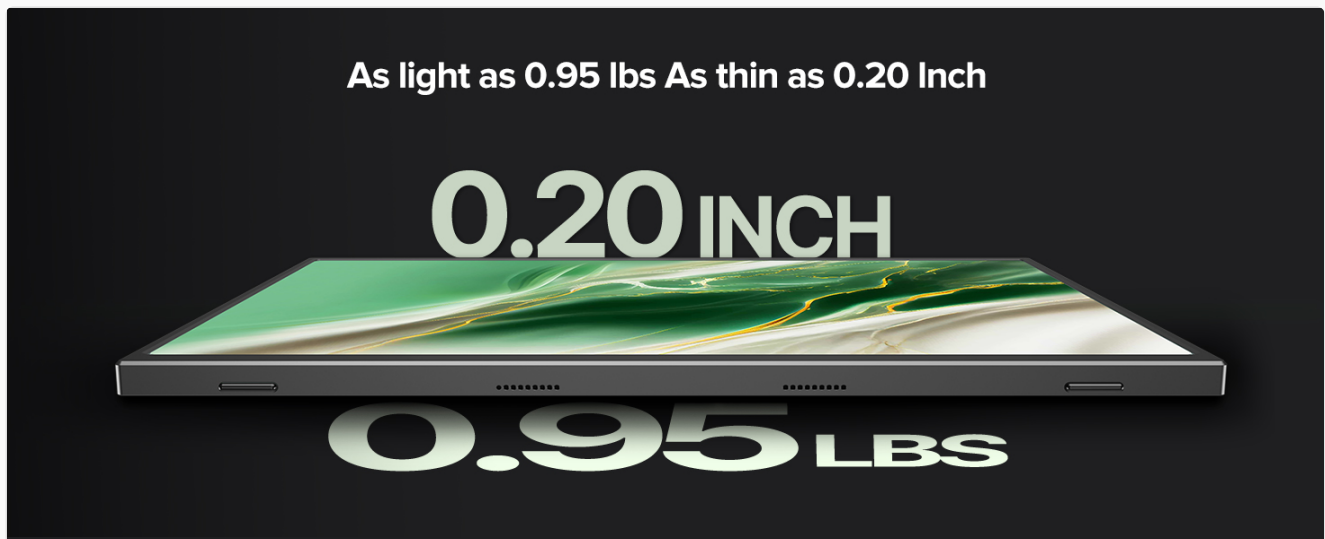Image 3.1: The monitor's ultra-light aluminum display.
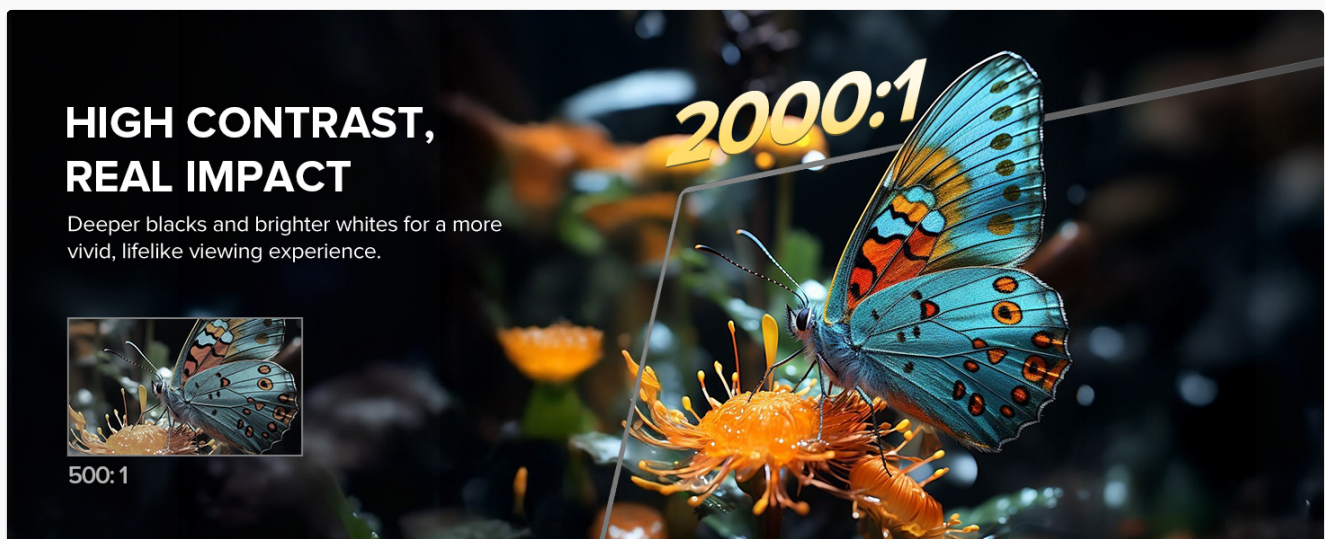

Image 3.2: 4K UHD NanoEdge Precision display.

Image 3.3: Display with 500 Nits Brightness and 1.06 Billion Colors.

4. Monitor Layout and Ports

Familiarize yourself with the physical layout and available ports on your UPERFECT portable monitor:

Image 4.1: Monitor Ports and Controls.

- **Type-C (Full-featured USB-C):** Two ports for power, video, and data transmission. Compatible with devices like Nintendo Switch, smartphones, iPads, MacBooks, and laptops.
- **Mini HDMI:** For video input from PCs, Xbox, PlayStation consoles, and cameras.
- **OTG Port:** For connecting USB peripherals.
- **Up+/Menu/Down Power Buttons:** Used for navigating the On-Screen Display (OSD) menu and adjusting settings.
- **Power/Back Button:** Powers the monitor on/off and acts as a 'back' button in the OSD menu.
- **3.5mm Audio Jack:** For connecting external headphones or speakers.

5. Setup and Connection

Follow these steps to connect your UPERFECT portable monitor to various devices:

5.1. Connecting to a Laptop/PC (USB-C)

1. Ensure your laptop/PC has a full-featured USB-C port that supports DisplayPort Alternate Mode and power delivery.
2. Connect one end of the provided Type-C to Type-C cable to your laptop/PC's USB-C port.
3. Connect the other end of the Type-C to Type-C cable to one of the monitor's Type-C ports.
4. The monitor should automatically detect the signal and power on. If not, press the Power/Back button.

5.2. Connecting to a Laptop/PC (Mini HDMI)

1. Connect one end of the provided Mini HDMI cable to the monitor's Mini HDMI port.
2. Connect the other end of the Mini HDMI cable to your laptop/PC's HDMI port.
3. For power, connect the provided PD 30W Power Charger to the monitor's second Type-C port using a Type-C cable.
4. The monitor should display the content. If not, press the Power/Back button.

5.3. Connecting to a Smartphone/Tablet (USB-C)

1. Ensure your smartphone/tablet supports DisplayPort Alternate Mode via its USB-C port.
2. Connect one end of the provided Type-C to Type-C cable to your smartphone/tablet.
3. Connect the other end of the Type-C to Type-C cable to one of the monitor's Type-C ports.
4. The monitor will draw power from your device. For extended use, connect the PD 30W Power Charger to the monitor's second Type-C port.
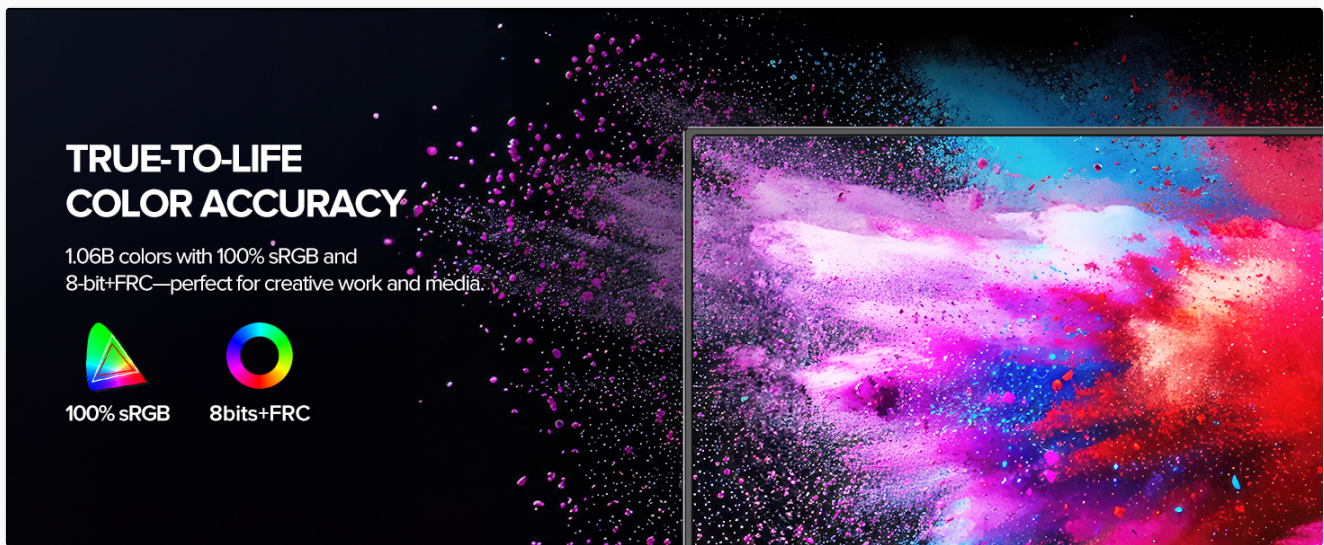

Image 5.1: Monitor connected to a laptop via USB-C.

Image 5.2: Monitor connected to a laptop, showing screen rotation capability.

Image 5.3: Monitor connected to a Nintendo Switch.

6. OPERATING THE MONITOR

6.1. Power On/Off

- To power on the monitor, press the **Power/Back Button**.
- To power off the monitor, press and hold the **Power/Back Button** for a few seconds until the screen turns off.

6.2. On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various display settings:

- Press the **Up+/Menu/Down Power** button to open the OSD menu.
- Use the **Up+** and **Down Power** buttons to navigate through menu options.
- Press the **Up+/Menu/Down Power** button again to select an option or enter a sub-menu.
- Press the **Power/Back Button** to go back to the previous menu or exit the OSD.

6.3. Audio Output

The monitor includes built-in speakers and a 3.5mm audio jack:

- **Built-in Speakers:** Audio will play automatically through the monitor's integrated speakers when connected via HDMI or USB-C.
- **3.5mm Audio Jack:** Connect headphones or external speakers to this port for private listening or enhanced audio output.

Image 6.1: Monitor with built-in speakers.

7. MAINTENANCE

Proper care ensures the longevity and performance of your monitor:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Body:** Use a soft, dry cloth to clean the monitor's frame and back.
- **Storage:** When not in use, store the monitor in a cool, dry place, preferably in its protective smart cover or a carrying case. Avoid exposing it to extreme temperatures or direct sunlight.
- **Handling:** Always handle the monitor by its edges. Avoid applying pressure to the screen.

Image 7.1: Storing the portable monitor in a bag.

8. TROUBLESHOOTING

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

- **No Signal / Black Screen:**

  - Ensure all cables (USB-C or Mini HDMI and power) are securely connected.
  - Verify that your source device (laptop, phone, console) is powered on and outputting a signal.
  - If using USB-C, confirm your device's USB-C port supports DisplayPort Alternate Mode.
  - Try connecting the monitor to a different device or using different cables to rule out cable or source issues.

- **No Power:**

  - If powered via USB-C from a device, ensure the device has sufficient battery or is also connected to power.
  - If using the external power adapter, ensure it is properly connected to a working power outlet and the monitor's Type-C power input.
  - Press the Power/Back button to ensure the monitor is not just in standby mode.

- **Image Flickering / Unstable Display:**

  - Ensure the cables are not damaged and are properly seated.
  - Reduce the display resolution or refresh rate on your source device if it's exceeding the monitor's capabilities or bandwidth of the cable.
  - Ensure adequate power supply, especially if the monitor is drawing power from a laptop or phone. Connect the external power adapter if available.

- **Color or Brightness Issues:**

  - Access the OSD menu to adjust brightness, contrast, color temperature, and other display settings.
  - Reset display settings to factory defaults via the OSD menu.

- **No Sound from Speakers/Headphones:**

  - Check the volume settings on both the monitor (via OSD) and your source device.
  - Ensure headphones are fully plugged into the 3.5mm audio jack.
  - Verify that the audio output on your source device is set to the UPERFECT monitor.

9. SPECIFICATIONS

Feature	Specification
Product Dimensions	0.39 x 13.98 x 8.66 inches
Item Weight	2.65 pounds
Item Model Number	U27
Standing Screen Display Size	14.5 Inches
Aspect Ratio	16:10
Voltage	5 Volts
Resolution	3840 x 2400 Pixels (4K UHD)

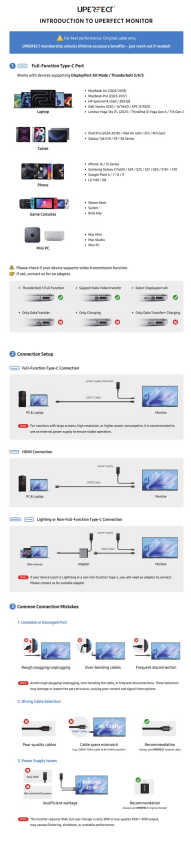| Feature	Specification
Image Brightness	500 Candela (Nits)
Total USB Ports	2 (Type-C)
Screen Surface Description	Matte
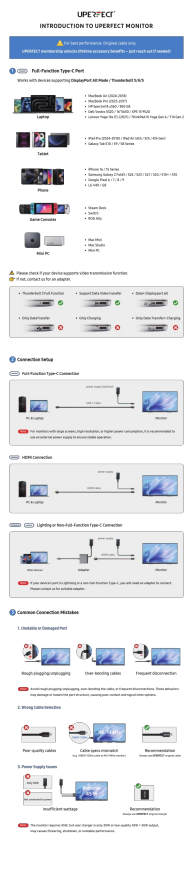
10. WARRANTY AND SUPPORT

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

You can visit the UPERFECT Store for more information: UPERFECT Official Store

Related Documents - U27

[UPERFECT Portable Monitor User Guide and Troubleshooting](#)

This guide provides setup instructions, connection diagrams, and troubleshooting steps for UPERFECT portable monitors, including compatibility information and after-sales support details.

[UPERFECT 16.1" 2K 144Hz Portable Monitor User Manual](#)

User manual for the UPERFECT 16.1-inch 2K 144Hz portable monitor, detailing setup, specifications, connectivity options, screen adjustments, troubleshooting, and service support.

	[UPERFECT Portable Monitor: Setup, Connection, and Troubleshooting Guide](#) Comprehensive guide to setting up and connecting your UPERFECT portable monitor. Learn about full-function Type-C and HDMI connections, common setup mistakes, and troubleshooting tips for no signal or flickering issues. Discover UPERFECT's after-sales perks and customer service.
	**[14" 2K Laptop Screen Extender User Manual	Uperfect](#)** User manual for the Uperfect 14" 2K Laptop Screen Extender (Model M140G13). Provides setup instructions, product specifications, troubleshooting guide, and service support information.
	[UPERFECT 18.5 Inch 1080P Portable Monitor User Manual](#) Comprehensive user manual for the UPERFECT 18.5-inch 1080P portable monitor. Covers setup, specifications, connections (Type-C, HDMI), screen adjustments, troubleshooting, and service support.
	[UPERFECT 18.5 Inch 1080P Touchscreen Monitor User Manual (M185E06)](#) User manual for the UPERFECT 18.5 Inch 1080P Touchscreen Monitor (Model M185E06), covering setup, connections, specifications, OSD adjustments, troubleshooting, and service support.