

UPERFECT 133B04

UPERFECT 14-inch FHD Touchscreen Portable Monitor (Model 133B04) User Manual

Model: 133B04 | Brand: UPERFECT

1. INTRODUCTION

This manual provides comprehensive instructions for the UPERFECT 14-inch FHD Touchscreen Portable Monitor. It covers product features, setup procedures, operational guidelines, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using the monitor.

2. PRODUCT FEATURES

- 14-inch Full HD (1920x1080P) Display:** Offers clear and vibrant visuals with HDR technology and a wide 178° IPS viewing angle.
- 10-Point Touchscreen:** Responsive G+FF technology for precise multi-touch input without additional drivers.
- VESA Mount Support:** Pre-drilled 75mm VESA holes for flexible mounting options (horizontal or vertical).
- Wide Compatibility:** Connects via USB-C and Mini HDMI to laptops, PCs, smartphones, and game consoles.
- Integrated Dual Speakers:** Provides clear audio for multimedia content.
- Portable Design:** Slim and lightweight, ideal for travel and mobile workstations. Includes a durable PU leather smart case that doubles as a stand.
- Eye Care Display:** Features low blue light technology for reduced eye strain during extended use.

3. PACKAGE CONTENTS

The UPERFECT 14-inch Portable Monitor package typically includes:

- UPERFECT 14-inch Portable Monitor
- Protective Smart Case (doubles as a stand)

- USB-C to USB-C Cable (for power, signal, and touch)
- Mini HDMI to HDMI Cable (for video signal)
- USB-A to USB-C Cable (for power/touch when using HDMI)
- Power Adapter (PD power adapter recommended for stable operation)
- User Manual

4. MONITOR OVERVIEW

4.1 Ports and Buttons

Familiarize yourself with the monitor's ports and control buttons:



Image: Overview of the monitor's left and right sides, showing the Type-C ports, Mini HDMI port, ON/OFF button, Menu button, Plus button,

- **Type-C Ports (x2):** For power, video signal, and touch functionality (full-featured USB 3.1 Type-C required).
- **Mini HDMI Port:** For video signal input.
- **ON/OFF Button:** Powers the monitor on or off.
- **Menu Button:** Accesses the On-Screen Display (OSD) menu.
- **Plus (+) Button:** Navigates up in menus or increases values.
- **Minus (-) Button:** Navigates down in menus or decreases values.
- **Return Button:** Exits a menu or goes back to the previous option.
- **OTG Port:** (On-The-Go) For connecting USB peripherals.
- **HP Port (3.5mm Audio Jack):** For connecting headphones or external speakers.

5. SETUP AND CONNECTION

5.1 Powering the Monitor

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

- For stable operation and to avoid flickering or black screens, it is recommended to connect the monitor to a PD (Power Delivery) power adapter before connecting your compatible device.

5.2 Connecting to Devices

The UPERFECT portable monitor offers versatile connectivity options:

5.2.1 USB-C Connection (Single Cable Solution)

If your device (e.g., smartphone, laptop) has a full-featured USB 3.1 Type-C port, you can use a single USB-C to USB-C cable for power, video signal, and touch functionality.



Image: Diagram showing a smartphone connected to the monitor via a single USB-C cable, providing power, signal, and touch. Note: iOS/Mac OS/iPad OS device touch is not supported.

1. Connect one end of the USB-C to USB-C cable to a full-featured USB 3.1 Type-C port on your device.
2. Connect the other end to one of the Type-C ports on the monitor.
3. The monitor should automatically detect the signal and display the content. Touch functionality will also be enabled if supported by your device.

5.2.2 HDMI and USB-C Connection (for PC/Laptop)

For devices like desktop PCs or laptops that do not have a full-featured USB-C port, or for gaming consoles, you will typically need two cables: one for video and one for power/touch.



Image: Diagram illustrating a PC connected to the monitor using a Mini HDMI to HDMI cable for signal and a USB-A to USB-C cable for power and touch. Note: iOS/Mac OS/iPad OS device touch is not supported.

1. Connect one end of the Mini HDMI to HDMI cable to the Mini HDMI port on the monitor.
2. Connect the other end of the HDMI cable to the HDMI output port on your PC or console.
3. Connect the USB-A end of the USB-A to USB-C cable to a USB port on your PC/laptop (for power and touch data).
4. Connect the USB-C end of this cable to one of the Type-C ports on the monitor (for power and touch data).
5. Ensure the monitor is also powered, either via the USB-C connection or an external power adapter.

Note: Some gaming devices (e.g., Nintendo Switch, Xbox, PlayStation) do not support touch functionality due to their system limitations, even when connected via USB-C for power.

5.2.3 Multiport Adapter Connection (No Touch)

If your device uses a Lightning port, micro USB port, or a non-full-featured Type-C port, you will need an adapter (not included) to connect to the monitor. In these cases, touch functionality will not be available.



Image: Diagram showing a tablet connected to the monitor via a multiport adapter, providing power and signal but no touch functionality. Note: iOS/Mac OS/iPad OS device touch is not supported.

1. Connect your device to a suitable multiport adapter.
2. Connect the adapter's video output (e.g., HDMI) to the Mini HDMI port on the monitor.
3. Ensure the monitor is powered, either via a USB-C connection or an external power adapter.

6. OPERATING INSTRUCTIONS

6.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the Menu, Plus (+), Minus (-), and Return buttons to navigate and make selections.

- Press the **Menu** button to open the OSD menu.
- Use the **Plus (+)** and **Minus (-)** buttons to navigate through menu options.
- Press the **Menu** button again to select an option or enter a sub-menu.

- Use the **Plus (+)** and **Minus (-)** buttons to adjust values.
- Press the **Return** button to exit a sub-menu or the main OSD menu.

Common OSD settings include Brightness, Contrast, Color Temperature, Input Source, Aspect Ratio, and HDR settings.

6.2 Display Modes

When connected to a computer, the monitor can operate in different display modes:



Image: Illustration of Extend Mode (monitor as primary screen for touch), Duplicate Mode (mirroring content), and Second Screen Mode (monitor as secondary display). Note: To prevent flickering or black screen due to insufficient power, use a PD power adapter.

- **Extend Mode:** Expands your desktop across both screens, allowing for more workspace. You can set the portable monitor as the primary screen for touch input.
- **Duplicate Mode:** Mirrors the content of your primary display onto the portable monitor.
- **Second Screen Mode:** Uses only the portable monitor as the display.

These modes can typically be configured in your operating system's display settings (e.g., Windows Display Settings, macOS System Preferences).

6.3 Touch Functionality

The monitor supports 10-point multi-touch for compatible devices. Ensure your device's USB-C port supports video output and touch data transmission, or that you are using a USB-A to USB-C cable for touch data when using HDMI.

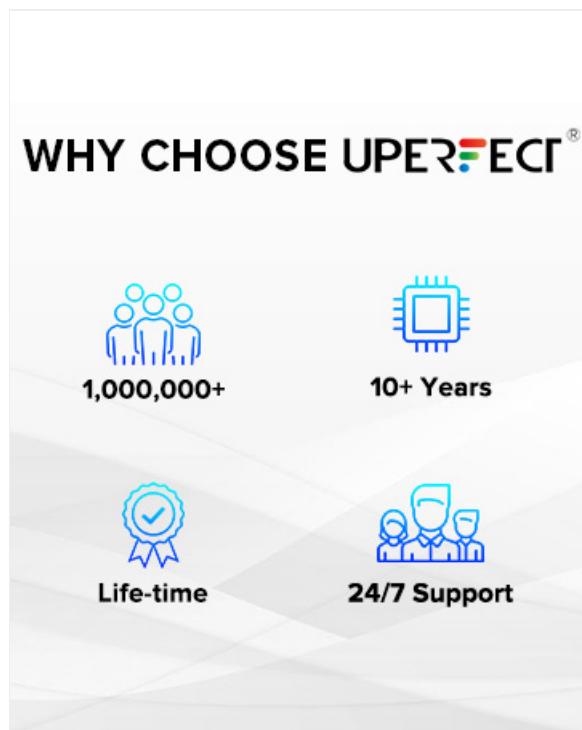


Image: A person using the UPERFECT portable monitor's touchscreen for creative design, demonstrating precise touch input.

Note: Touch functionality is not supported on iOS/Mac OS/iPad OS devices, iPhones, iPads, Nintendo Switch, Xbox, or PlayStation consoles.

7. COMPATIBILITY GUIDE

The UPERFECT portable monitor offers broad compatibility, but touch functionality varies by device:



Image: A detailed chart outlining device compatibility for multi-touch, single-touch, and no touch support with the UPERFECT portable monitor.

7.1 Multi-Touch Support

- Android devices (with full-featured USB-C)
- Tablets (with full-featured USB-C)
- Windows Laptops/PCs (with full-featured USB-C or HDMI + USB-A for touch data)

7.2 Single-Touch Support

- MacBook
- iMac
- Mac Mini

7.3 No Touch Support (Monitor functions as non-touch display)

- iPhone
- iPad
- Nintendo Switch
- Xbox consoles
- PlayStation consoles (PS4/PS5)
- Steam Deck

8. VESA MOUNTING

The monitor is equipped with 75mm VESA mounting holes on the back, allowing for flexible installation options.



Image: Examples of VESA mounting, including wall-mounted and desk stand configurations, alongside the smart case stand.

- Ensure the VESA mount or stand you use is compatible with 75x75mm hole patterns.
- Use appropriate M3 screws (not always included) for securing the monitor to the mount.
- The monitor can be mounted horizontally or vertically depending on your needs.

9. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly 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 smart case to prevent scratches and damage.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.

10. TROUBLESHOOTING

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

Problem	Possible Solution
No Signal / Black Screen	<ul style="list-style-type: none">• Ensure all cables (USB-C, HDMI) are securely connected.• Verify the monitor is receiving sufficient power, especially if using a single USB-C cable. Connect an external PD power adapter if necessary.• Check your device's display settings to ensure the monitor is detected and configured correctly (e.g., Extend, Duplicate mode).• Try a different cable or port on your device.
Touch Functionality Not Working	<ul style="list-style-type: none">• Confirm your device and connection method support touch input (refer to Section 7: Compatibility Guide).• If using HDMI, ensure the USB-A to USB-C cable is connected from your device to the monitor for touch data.• For Windows, check "Tablet PC Settings" in Control Panel to calibrate or enable touch.• Restart both the monitor and the connected device.
Flickering Screen	<ul style="list-style-type: none">• This often indicates insufficient power. Connect the monitor to an external PD power adapter.• Ensure the USB-C cable is rated for power delivery and signal transmission.
No Audio from Speakers	<ul style="list-style-type: none">• Check the volume settings on both the monitor (via OSD menu) and your connected device.• Ensure the audio output is directed to the monitor in your device's sound settings.• If headphones are connected to the 3.5mm audio jack, sound will be routed there.

11. SPECIFICATIONS

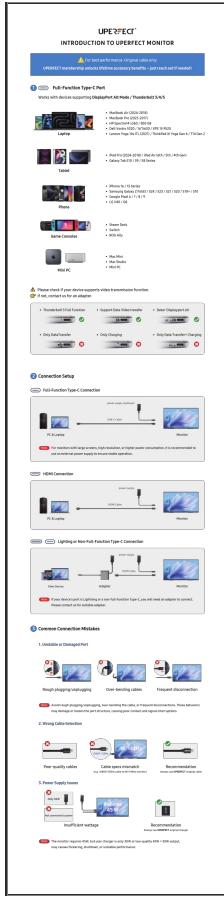
Feature	Detail
Brand	UPERFECT
Model Name	140B01
Model Number	133B04
Screen Size	14 Inches
Display Technology	LED/LCD
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	60 Hz
Response Time	2 Milliseconds
Brightness	400 nits
Contrast Ratio	800:1 (Image Contrast: 800:1)
Viewing Angle	178 Degrees
Interface Hardware	Mini HDMI, USB-C
Total USB Ports	2 (Type-C)
Input Human Interface	Touchscreen
Special Features	Touchscreen, HDR, VESA Mountable
Compatible Devices	Desktop Computer, Laptop, Smartphone, Tablet
Product Dimensions	32 x 19.7 x 1 cm
Item Weight	786 grams
Power Consumption	20 Watts

12. WARRANTY AND SUPPORT

UPERFECT is committed to customer satisfaction and product quality.

- Lifetime Product Support:** UPERFECT offers lifetime product support for its portable monitors.
- Customer Service:** Professional customer service is available to resolve issues within 8 hours.
- For technical assistance or warranty claims, please contact UPERFECT customer support through their official channels.

Related Documents - 133B04



[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.