UPERFECT MDS-156G16

UPERFECT Battery Portable Monitor User Manual

Model: MDS-156G16

1. INTRODUCTION

Thank you for choosing the UPERFECT Battery Portable Monitor. This 15.6-inch IPS HDR 1920x1080 FHD touchscreen monitor is designed for ultimate portability and versatility. Featuring a built-in 10800mAh battery, 120Hz refresh rate, and quad speakers, it enhances your productivity and entertainment experience wherever you are. This manual provides essential information for setup, operation, maintenance, and troubleshooting.

Image: The UPERFECT Battery Portable Monitor, showcasing its sleek design and touchscreen capability.

2. WHAT'S IN THE BOX

- 1* Portable Monitor
- 1* Standard HDMI to Mini HDMI Cable
- 2* USB C-C Cable
- 1* USB A-C Cable
- 1* PD 30W Power Charger

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the monitor using the provided PD 30W Power Charger and a USB C-C cable. A full charge typically takes 3 hours. The monitor's built-in 10800mAh battery provides power for the display and can also reverse charge mobile phones.

Revolutionizing Battery Screen for True Portability

10800 mAh

6H Max Battery life

3 - 5 Usually hrs

Image: The portable monitor displaying a battery icon, indicating its built-in power source and ability to charge connected devices.

3.2 Connecting to Devices

The monitor supports various connections for seamless integration with your devices:

- **USB-C (Full-Featured):** For single-cable connection (power, video, audio, and touch) to compatible laptops, smartphones, and other devices. Ensure your device's USB-C port supports DisplayPort Alternate Mode.

- **Mini HDMI:** For video and audio input from devices like gaming consoles, cameras, or older laptops. Use the provided Standard HDMI to Mini HDMI Cable.
- **Micro USB-B OTG:** For connecting peripherals like a mouse or keyboard to the monitor.
- **USB-C PD (Power Delivery):** Dedicated port for charging the monitor.

Always connect the power to the monitor first before plugging in the Mini HDMI cable if using HDMI for video input.
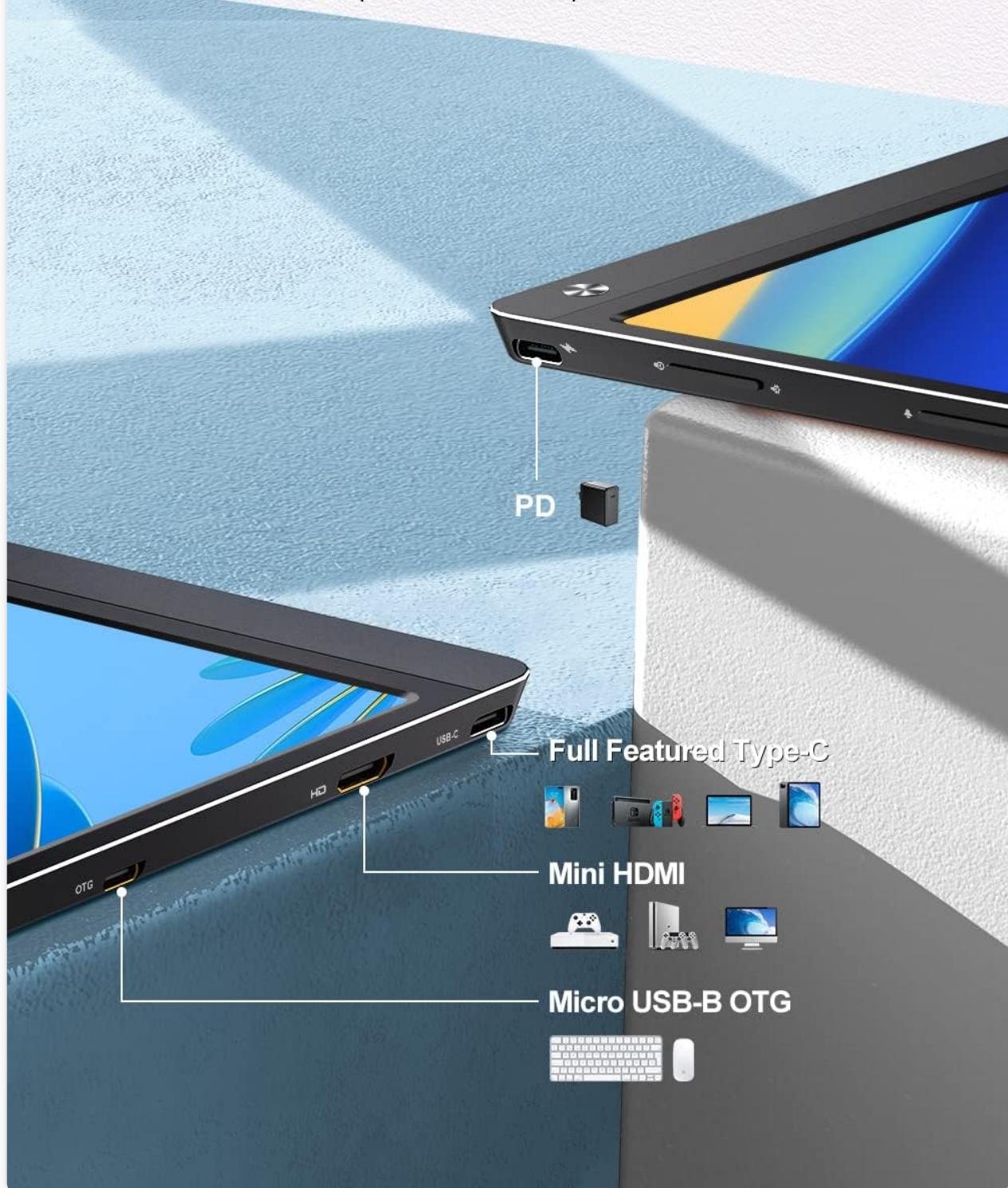

Image: Detailed view of the monitor's input/output ports, highlighting USB-C, Mini HDMI, and Micro USB-B OTG connections.

Video: A brief overview demonstrating the UPERFECT Portable Monitor's battery and touchscreen features, highlighting its 120Hz refresh rate.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Battery Check

- **Power On/Off:** Long-press the power button.
- **Battery Level:** Short-press the power button to display the current battery level.
- **LED Indicators:** Blinking Red (Charging), Solid Red (Fully charged), Blue (Powered on), Alternating Blue/Purple (No signal).

4.2 Touchscreen Functionality

The UPERFECT monitor features a 10-point capacitive multi-touch screen. No extra drivers are needed for compatible systems. Simply connect the USB-C port on the monitor to your device to enable touch functionality.
Note: Touch function works on Windows and macOS systems. Gaming devices and mobile phones without full-featured USB-C functionality may not support touch.

10-point Capacitive Touch Pinch-to-Zoom

No driver need, just connect the USB C port on the monitor to your device.
(NOTE: Touch function work on all Windows & M-ac OS system)

Image: A user interacting with the 10-point capacitive touchscreen of the UPERFECT monitor, demonstrating its responsiveness.

4.3 On-Screen Display (OSD) Menu

Access the OSD menu to adjust monitor settings such as brightness, contrast, color, and input source.

- **Access OSD:** Long-press the "+" button (Brightness Up).
- **Navigate:** Short-press "+" or "-" buttons (Brightness Up/Down) to move through options.
- **Select/Exit:** Short-press the "+" or "-" button to select or exit OSD menu options.

4.4 Display Modes and Orientation

The monitor supports both landscape and portrait orientations. You can configure your connected computer to use the UPERFECT monitor as an Extended or Duplicate Display. This can typically be done via your operating system's display settings (e.g., "Windows + P" keys on Windows).

Note: Touch functionality may not work in Portrait Mode for some devices.

4.5 Power Bank Functionality

The monitor's built-in 10800mAh battery can act as a power bank to reverse charge your mobile phone. To enable/disable this function, long-press the "+" button (Volume Up).

Battery Life: Once fully charged, the monitor can last up to 7 hours if the reverse charge function is closed, or approximately 4 hours if reverse charging your phone. (Data tested at 50% display brightness).

Business Screen Sharing

Share the same screen at meeting, discuss closer than traditional way.

Touch Function can not work on Portrait Mode

Image: An illustration detailing the 10800mAh rechargeable battery capacity and its expected usage duration.

5. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Do not use abrasive cleaners or sprays directly on the screen.
- **Storage:** When not in use, store the monitor in its smart folding leather case to protect it from dust and scratches. Avoid extreme temperatures and humidity.
- **Handling:** Handle the monitor with care to prevent drops or impacts, which can damage the screen or internal components.

6. TROUBLESHOOTING

6.1 No Signal Displayed

- Ensure the monitor is powered on and has sufficient battery or is connected to power.
- Verify that the connection cable (USB-C or HDMI) is securely plugged into both the monitor and the source device.
- Check if your source device's output settings are correctly configured for an external display.
- If using USB-C, confirm your device's USB-C port supports video output (DisplayPort Alt Mode).

6.2 Touchscreen Not Responding

- Ensure the USB-C cable is connected from the monitor to your device for touch data transmission.

- Confirm your operating system (Windows, macOS) is compatible with the monitor's touch function.
- Note that some gaming devices and mobile phones without full-featured USB-C may not support touch.
- Restart both the monitor and the connected device.
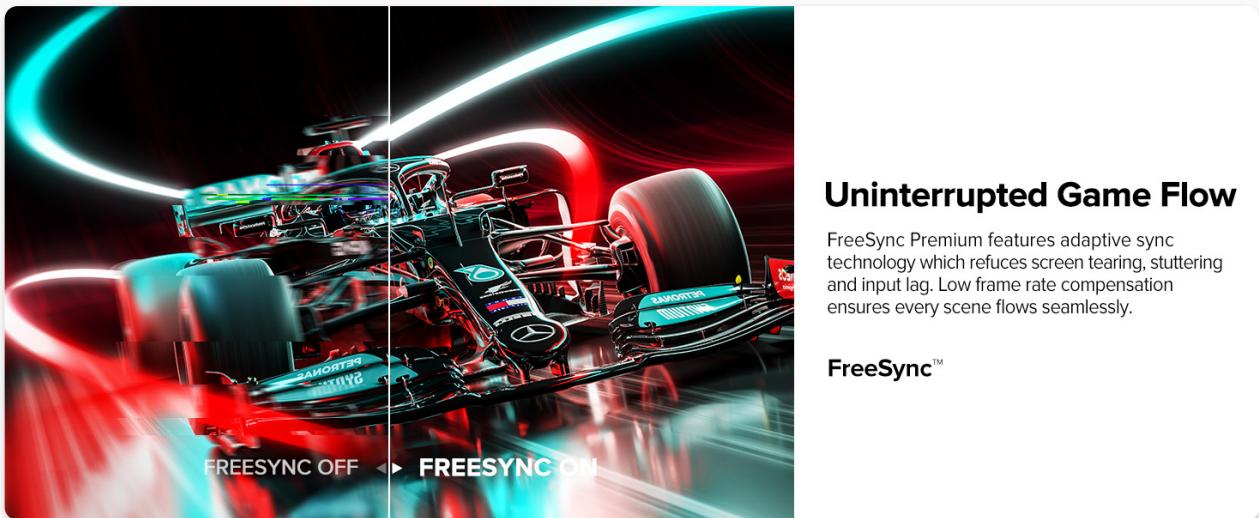
Uninterrupted Game Flow

FreeSync Premium features adaptive sync technology which refuces screen tearing, stuttering and input lag. Low frame rate compensation ensures every scene flows seamlessly.

FreeSync™

Image: A visual reminder that touchscreen functionality may not be available with all connected devices, particularly certain gaming consoles and mobile phones.

6.3 Poor Image Quality / Flickering

- Adjust brightness and contrast settings via the OSD menu.
- Ensure the display resolution on your source device matches the monitor's native resolution (1920x1080).
- Try a different cable or port.
- Check for driver updates for your graphics card on the connected device.

7. SPECIFICATIONS

Feature	Specification
Screen Size	15.6 Inches
Screen Resolution	1920x1080 (FHD)
Max Screen Resolution	1920x1080 Pixels
Refresh Rate	120Hz
Panel Type	IPS HDR
Touchscreen	10-point Capacitive Multi-touch
Battery Capacity	10800mAh Lithium Polymer
Speakers	Quad Speakers (Built-in)
Connectivity	Full-Featured USB-C, Mini HDMI, Micro USB-B OTG, USB-C PD
Aspect Ratio	16:9

Screen Surface	Matte, Anti-glare
Item Weight	2.1 pounds (approx.)
Product Dimensions	15.35 x 10.63 x 2.36 inches
Color	Black

2.1lb

Lightweight & Slim

Narrow Bezel

4mm

Aluminum Alloy Material

Image: The monitor's slim profile and lightweight design, highlighting its portability.
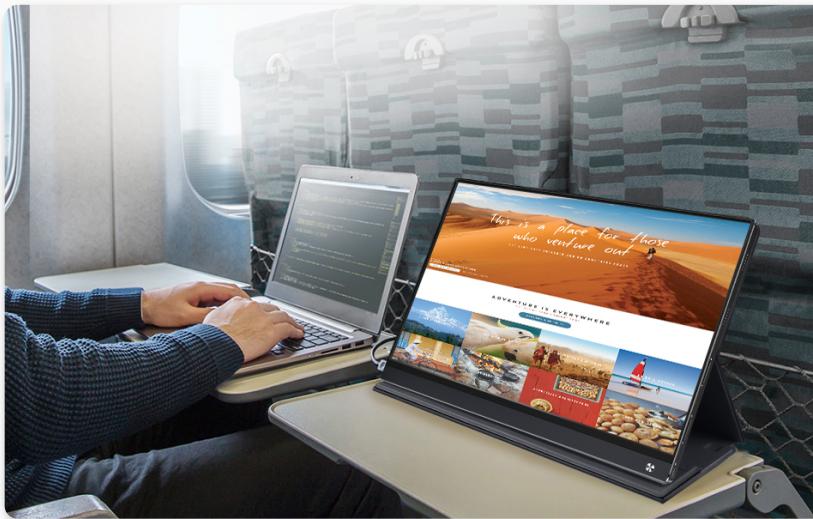
Boosts Your Productivity On The Go

The UPERFECT second screen with a built-in battery allows you to double your productivity even while travelling.

Standby time

Image: A visual comparison demonstrating the enhanced smoothness of a 120Hz refresh rate for gaming, reducing motion blur.

8. WARRANTY AND SUPPORT

UPERFECT offers comprehensive support for your portable monitor:

- **Warranty:** 3-year warranty.
- **Returns:** 30-day free return policy.
- **Exchanges:** 90-day free exchange policy.
- **Technical Support:** Lifetime technical support.
- **Customer Service:** 24-hour timely customer service, with problems typically resolved within 8 hours.

For any inquiries or assistance, please contact UPERFECT customer service.