

UPERFECT M160G02

UPERFECT 16" Portable Gaming Monitor User Manual

Model: M160G02

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your UPERFECT 16-inch Portable Gaming Monitor (Model M160G02). Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

The UPERFECT 16-inch Portable Gaming Monitor is designed for versatility and high performance, featuring a 120Hz refresh rate, 400 Nits brightness, 1080P IPS panel, and a lightweight aluminum alloy construction. It is suitable for use with laptops, PCs, and game consoles, serving as an external second screen for various applications.

2. KEY FEATURES

- **16-inch 120Hz IPS Display:** Provides a smooth visual experience with a high refresh rate, ideal for gaming and fast-paced content.
- **400 Nits Brightness:** Ensures clear and vibrant display even in well-lit environments.
- **Aluminum Alloy Construction:** Ultra-slim (0.2 inches) and lightweight (1.5 pounds) design for enhanced portability and durability.
- **Versatile Connectivity:** Equipped with HDMI and USB Type-C ports for broad compatibility with various devices.
- **VESA Compatibility:** Features 75mm VESA holes (M4 * 4mm) for flexible mounting options.
- **Smart Cover:** Provides protection and doubles as a portable stand.
- **Low Blue Light Mode:** Designed to reduce eye strain during prolonged use.

3. PACKAGE CONTENTS

Please check the package contents upon opening. If any items are missing or damaged, contact customer support immediately.

- UPERFECT 16" Portable Gaming Monitor (Model M160G02)
- Smart Protective Cover
- USB-C to USB-C Cable

- USB-A to USB-C Power Cable
- HDMI to Mini HDMI Cable
- Power Adapter
- User Manual

4. SETUP

4.1 Connecting the Monitor

The monitor supports various connection methods depending on your device.

1. USB Type-C Connection (Full-featured USB-C port required on source device):

Connect one end of the provided USB-C to USB-C cable to the monitor's USB-C port (marked with a display icon) and the other end to your laptop, smartphone, or game console's full-featured USB-C port. This single cable can transmit both video, audio, and power.

2. HDMI Connection (for video) + USB-C (for power):

Connect one end of the provided HDMI to Mini HDMI cable to the monitor's Mini HDMI port and the other end to your device's HDMI port. Then, connect the USB-A to USB-C power cable from the monitor's power USB-C port to a power adapter or a USB-A port on your device for power.

Note: Ensure your device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) for single-cable functionality. If not, external power via the USB-C power port will be required.

4.2 Using the Smart Cover as a Stand

The included smart cover can be folded to create a stable stand for the monitor. Adjust the folds to achieve your desired viewing angle (e.g., 105° or 135°).



Image: The UPERFECT 16-inch Portable Gaming Monitor shown with its smart cover folded into a stand, displaying a racing game. The monitor is thin and lightweight, highlighting its portability.

Magnetic Adjustable Protective Case

Magnetic suction is easy to disassemble, providing adjustable and customizable protection levels, allowing you to easily change its position and angle.



Image: A diagram illustrating the magnetic adjustable protective case, showing how it can be folded to support the monitor at different angles, specifically 105° and 135°.

4.3 VESA Mounting

The monitor features 75mm VESA mounting holes (M4 * 4mm) on the back, allowing it to be mounted on compatible VESA arms or stands. Ensure to use screws of appropriate length to avoid damaging internal components.

VESA Compatible & Versatile Display

Easy installation, flexible customization of your viewing experience



Image: The UPERFECT portable monitor displayed with various VESA mounting options, including a desk stand and a wall mount, demonstrating its versatility for different setups.

5. OPERATING THE MONITOR

5.1 Power On/Off

The monitor will typically power on automatically when connected to a compatible device and receiving power. To manually power off, press and hold the power button located on the side of the monitor.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the control buttons (usually a joystick or multiple buttons) on the side of the monitor to navigate the menu.

- **Brightness/Contrast:** Adjust the overall luminance and contrast ratio.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI inputs.
- **Audio:** Control volume for the built-in speakers or connected headphones.
- **HDR Mode:** Enable or disable High Dynamic Range for compatible content.
- **Low Blue Light:** Activate to reduce blue light emission for eye comfort.
- **Aspect Ratio:** Adjust the display aspect ratio (e.g., 16:9, 4:3).

Experience the Magic of 400 Nits

Ensure that you can see every detail effortlessly

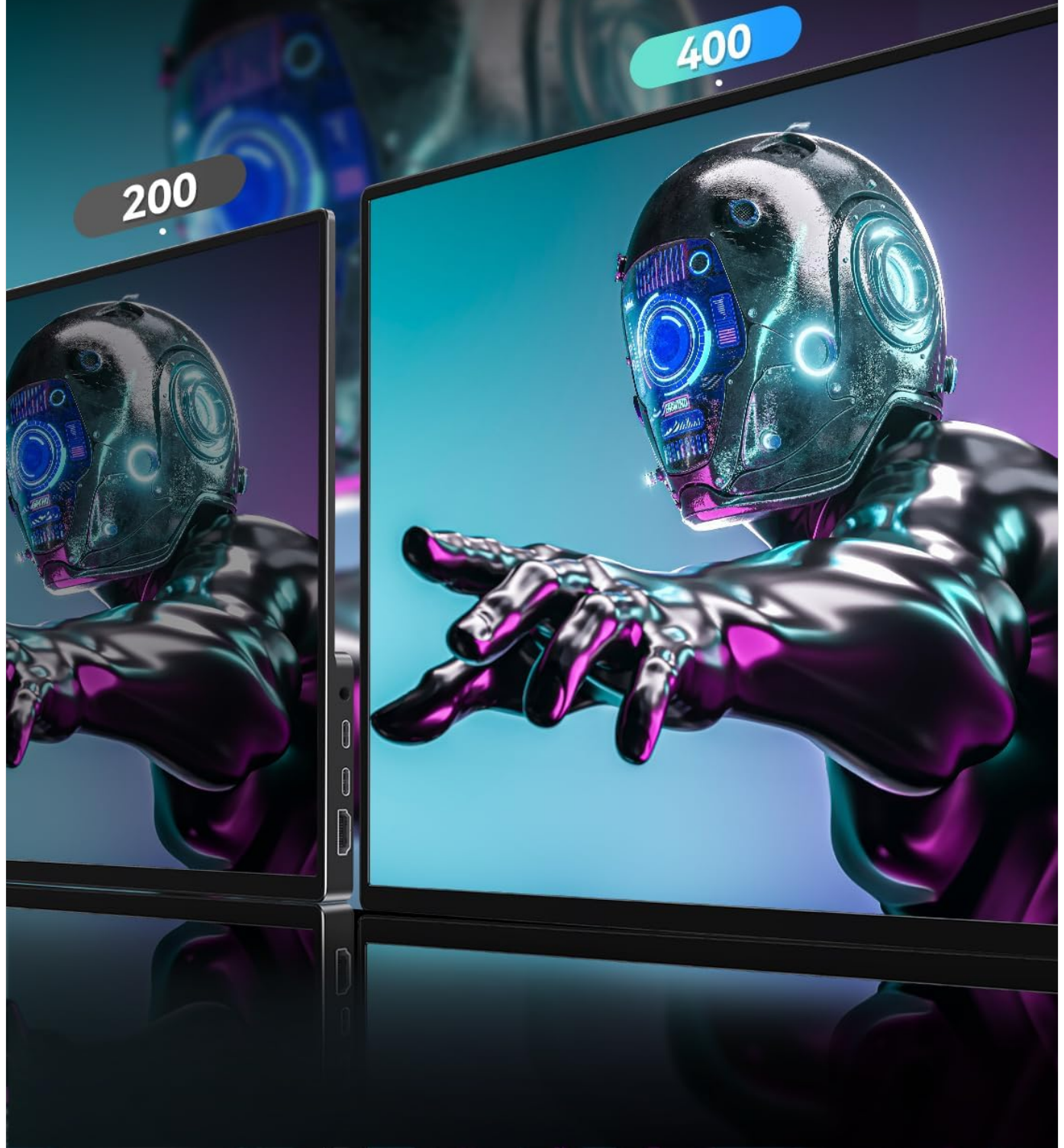


Image: A visual comparison demonstrating the enhanced clarity and detail provided by the monitor's 400 Nits brightness compared to a dimmer 200 Nits display, featuring a futuristic robot's head.

120Hz Super Smooth Game

Ultra sensitive gaming experience and smooth visual effects



AsaptiveSync



120Hz

16" 120Hz Portable Gaming Monitor



Low
Blue Light



8bit
400 cd/m²



1920*1080P
Resolution



HDR
16:10 Screen



16.7
Million Colors



1000:1
Contrast Ratio

Image: A dynamic image of a motorcycle racer, illustrating the '120Hz Super Smooth Game' experience with features like Adaptive Sync, 8-bit color, 400 cd/m² brightness, 1920x1080 resolution, HDR, 16:10 screen ratio, 16.7 million colors, and 1000:1 contrast ratio.

5.3 Audio Output

The monitor has built-in dual speakers. For private listening, you can connect 3.5mm headphones to the audio jack on the monitor.



Image: A close-up view of the monitor's side, highlighting its versatile data interfaces including an audio jack, two Type-C ports, and a Standard HDMI port, indicating broad connectivity options.

6. MAINTENANCE

6.1 Cleaning the Monitor

- Always unplug the monitor from the power source before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials, as they can damage the screen or casing.

6.2 Storage

When not in use, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures. Use the protective smart cover to prevent scratches and dust accumulation.

Super Lightweight & Slim Frame

Lightweight and stylish design makes your journey easier



| **0.19"** **1.47lb** |
Thick Weight



Dual Speaker



All Metal Body

Image: The UPERFECT monitor being placed into a protective sleeve, emphasizing its super lightweight and slim design, with text indicating its thickness (0.19") and weight (1.47lb).

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No signal / Black screen	Incorrect input source selected; Loose cable connection; Insufficient power; Device not outputting signal.	Check all cable connections (USB-C, HDMI). Ensure the monitor is receiving adequate power. Select the correct input source via the OSD menu. Verify your source device is configured to output to an external display.
No power	Power cable not connected; Power adapter faulty; USB-C port on source device not providing enough power.	Ensure power cable is securely connected. Try a different power outlet or adapter. If using single USB-C, ensure your device's USB-C port supports power delivery or connect an external power adapter.
Flickering screen	Cable quality; Refresh rate mismatch; Graphics driver issues.	Try a different cable. Ensure the refresh rate setting on your source device matches the monitor's capabilities (120Hz). Update graphics drivers on your computer.
No audio	Volume too low; Incorrect audio output selected on source device; Faulty cable.	Increase monitor volume via OSD. Check audio output settings on your source device to ensure it's sending audio to the monitor. Test with headphones.
Image distorted / Incorrect resolution	Resolution mismatch; Aspect ratio settings.	Adjust the display resolution on your source device to 1920x1080. Check aspect ratio settings in the OSD menu.

If the problem persists after trying these solutions, please contact UPERFECT customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	M160G02
Screen Size	16 Inches
Display Type	IPS
Resolution	1920 x 1080 (FHD)
Refresh Rate	120 Hz
Brightness	400 Nits
Contrast Ratio	1000:1
Connectivity	HDMI, USB Type-C (x2)
Product Dimensions	2.5 x 15 x 10.5 inches
Item Weight	3.84 ounces (approx. 1.5 lbs as per feature bullet)
Material	Aluminum Alloy

Feature	Detail
VESA Mount	75mm (M4 * 4mm)

9. WARRANTY AND SUPPORT

UPERFECT is committed to providing high-quality products and customer satisfaction. Your UPERFECT monitor comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official UPERFECT website.

For technical support, troubleshooting assistance, or warranty claims, please contact UPERFECT customer service. UPERFECT offers 24/7 support to assist you with any inquiries.

Contact Information:

Please refer to the official UPERFECT website or your product packaging for the most up-to-date contact details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question