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› Usparkle 15.6-inch Portable Monitor 1920x1080FHD Gaming Monitor 156DM2 User Manual

Usparkle 156DM2

Usparkle 15.6-inch Portable Monitor User Manual

Model: 156DM2

1. INTRODUCTION

Thank you for purchasing the Usparkle 15.6-inch Portable Monitor. This device is designed to enhance your productivity and entertainment experience with its high-resolution display, wide compatibility, and portable design. This manual provides essential information for proper setup, operation, and maintenance of your monitor. Please read it thoroughly before use.

広い視野角とHDRのリアル描写

どの角度から見ても細部まで色味変わりません。



The Usparkle 15.6-inch Portable Monitor, showcasing its sleek design and stand.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Usparkle 15.6-inch Portable Monitor
- Power Adapter
- USB-C to USB-C Cable
- USB-A to USB-C Cable
- Mini HDMI to HDMI Cable
- Stand Protective Cover
- User Manual (Japanese, for reference)



Image showing the portable monitor, power adapter, various cables (USB-C to USB-C, USB-A to USB-C, Mini HDMI to HDMI), and the stand cover.

3. PRODUCT FEATURES

- **IPS Panel & Full HD Resolution:** Equipped with a high-quality IPS LCD panel, offering superior image quality and color reproduction. Enjoy a wide 178-degree viewing angle with minimal distortion and color shift. The 1920x1080 Full HD resolution ensures crisp and clear visuals.
- **HDR Mode Support:** Supports High Dynamic Range (HDR) technology, providing a wider range of colors and contrasts for a more immersive viewing experience with reduced white washout and black crush.
- **100% sRGB & 400 nits Brightness:** Features 100% sRGB wide color gamut for accurate and vibrant color reproduction, ideal for video and gaming. With 400 nits high brightness, the display remains clear even in well-lit environments.
- **60Hz Refresh Rate:** Provides a smooth visual experience, especially beneficial for fast-moving scenes in games, minimizing motion blur.
- **Versatile Connectivity:** Supports single-cable connection via Type-C (for compatible devices with Thunderbolt 3/4 or DisplayPort Alternate Mode) for both video output and power supply. Also includes Mini HDMI and USB-A ports for broad compatibility.
- **Wide Device Compatibility:** Connects to a variety of devices including laptops, desktop PCs, smartphones, PS4/PS5, Xbox, Nintendo Switch, Macbooks, and iPads (with Type-C port supporting DisplayPort Alt Mode).
- **Blue Light Reduction:** Features a blue light cut function to reduce eye strain and irritation from prolonged screen use, making it suitable for long working hours.
- **Durable & Lightweight Design:** Constructed with 70% aluminum alloy, offering excellent durability while maintaining a lightweight profile of approximately 780g. Its thin design (7mm) makes it highly portable.

HDR 技術

ビデオやゲームをリアル世界へ
体験100%sRGB広色域を対
応し、優れた発色があり、動
画やゲーム映像の色彩を
100%再現できる。



Comparison of HDR (High Dynamic Range) and SDR (Standard Dynamic Range) display modes.

178°の広視野角

自然の色味を再現する



The monitor's 178-degree wide viewing angle ensures consistent image quality from various perspectives.



Illustration of the monitor's 400 nits high brightness compared to a lower brightness display.

4. SETUP

Follow these steps for initial setup:

1. **Unpack:** Carefully remove the monitor and all accessories from the packaging.
2. **Position:** Place the monitor on a stable, flat surface. Use the included stand protective cover to prop up the monitor to your desired viewing angle.
3. **Connect Power:** If your device does not support single-cable power delivery via Type-C, connect the power adapter to the monitor's DC-5V port and plug it into a power outlet.
4. **Connect to Device:** Refer to the "5. Connections" section for detailed instructions on connecting your monitor to your source device (laptop, smartphone, game console, etc.).
5. **Power On:** Press the power button on the monitor to turn it on.

5. CONNECTIONS

The Usparkle portable monitor offers flexible connectivity options:

5.1. Single-Cable Type-C Connection (Video & Power)

For devices with a full-featured USB-C port (supporting Thunderbolt 3/4 or DisplayPort Alternate Mode), you can connect the monitor using a single USB-C to USB-C cable for both video signal and power.

- Connect one end of the USB-C to USB-C cable to your device's Type-C port.
- Connect the other end to one of the monitor's Type-C ports.
- If the monitor does not power on or flickers, your device's Type-C port may not provide sufficient power. In this case, connect the external power adapter to the monitor.



Diagram illustrating a single USB-C cable connecting a laptop to the portable monitor for both video and power.

5.2. Dual-Cable Connection (Mini HDMI & USB-C for Power)

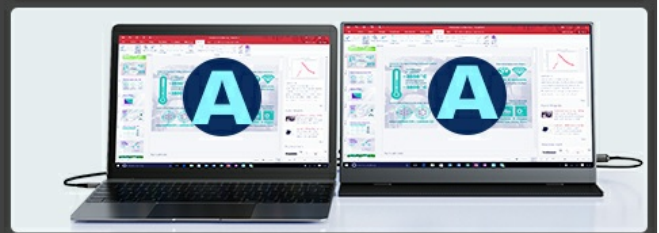
For devices without a full-featured Type-C port, or for game consoles, use the Mini HDMI cable for video and a USB-C cable for power.

- Connect one end of the Mini HDMI to HDMI cable to your device's HDMI port.
- Connect the Mini HDMI end to the monitor's Mini HDMI port.
- Connect the USB-A to USB-C cable (or power adapter) to the monitor's Type-C power input port and to a power source (e.g., USB wall charger, laptop USB-A port).

画面を広げて作業効率アップ



画面共有で分かりやすく説明



Various connection scenarios, including single Type-C connection and dual-cable Mini HDMI + USB-C power connection for different devices.

5.3. Port Overview

Familiarize yourself with the monitor's ports and buttons:



Detailed view of the monitor's side, showing (1) Power On/Off/Return, (2) Menu, (3) Speaker, (4) Mini HDMI, (5) Type-C (data/power), (6) DC-5V (power input).

- **Power Button (1):** Press to turn the monitor on/off. Also functions as a 'Return' button in the OSD menu.

- **Menu Button (2):** Press to access the On-Screen Display (OSD) menu.
- **Speakers (3):** Integrated stereo speakers for audio output.
- **Mini HDMI Port (4):** For video input from devices with HDMI output.
- **Type-C Ports (5):** Two full-featured Type-C ports for video input, data transfer, and power delivery.
- **DC-5V Port (6):** Dedicated power input port for external power adapter.

6. OPERATING INSTRUCTIONS

Once connected, the monitor will automatically detect the input signal. You can adjust settings via the On-Screen Display (OSD) menu.

6.1. OSD Menu Navigation

- Press the **Menu button (2)** to open the OSD menu.
- Use the **Power button (1)** to navigate left/down and the **Menu button (2)** to navigate right/up through menu options.
- Press the **Power button (1)** to confirm a selection or exit a sub-menu.

6.2. Common Settings

- **Brightness/Contrast:** Adjust these settings to optimize visual clarity for your environment.
- **Color Settings:** Fine-tune color temperature, hue, and saturation.
- **HDR Mode:** Enable or disable HDR based on your content and preference.
- **Input Source:** Manually select the input source (Type-C 1, Type-C 2, Mini HDMI) if auto-detection fails.
- **Aspect Ratio:** Choose between 16:9, 4:3, or other available options.
- **Volume:** Adjust the volume of the built-in speakers or connected headphones.

6.3. Display Modes

The monitor supports various display modes when connected to a computer:

- **Duplicate Mode:** Displays the same content on both your primary device and the portable monitor, useful for presentations.
- **Extend Mode:** Extends your desktop across both screens, providing more screen real estate for multitasking.



A portable monitor used in extended display mode alongside a laptop, enhancing work efficiency.

7. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Do not spray liquid directly onto the screen. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in a cool, dry place. Use the included stand protective cover to protect the screen from scratches and dust.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.
- **Handle with Care:** Avoid dropping or subjecting the monitor to strong impacts.

モバイルモニター世界へ

高画質、大画面で作業やゲーム体験を大幅に向上



The portable monitor, protected by its stand cover, being placed into a bag for safe transport.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display/No signal	Incorrect cable connection; insufficient power; incorrect input source selected.	Ensure all cables are securely connected. Verify your device's Type-C port supports video output and power delivery, or use the external power adapter. Manually select the correct input source in the OSD menu.
Screen flickers or turns off intermittently	Insufficient power supply; faulty cable; power adapter issue.	Ensure the monitor is receiving adequate power, especially if using a single Type-C cable. Connect the external power adapter. Try a different cable. If the power adapter is suspected, contact customer service.

Problem	Possible Cause	Solution
No sound or low volume	Monitor volume too low; device volume too low; incorrect audio output selected on device.	Adjust the monitor's volume in the OSD menu. Check your source device's volume settings. Ensure the monitor is selected as the audio output device on your computer or console.
Image is distorted or colors are off	Incorrect display settings; faulty cable.	Reset display settings to default in the OSD menu. Try a different cable. Ensure your device's graphics drivers are up to date.

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

9. SPECIFICATIONS

Here are the technical specifications for the Usparkle 15.6-inch Portable Monitor:

Feature	Specification
Brand	Usparkle
Model	156DM2
Screen Size	15.6 inches
Resolution	1920 x 1080 (FHD 1080p)
Panel Type	IPS
Screen Surface	Anti-Glare
Brightness	400 nits
Refresh Rate	60 Hz
Viewing Angle	178 degrees
HDR Support	Yes
Connectivity	2x Type-C, 1x Mini HDMI, 1x USB (for power)
Built-in Speakers	Yes
Product Weight	Approx. 780g
GTIN	762715407177

10. WARRANTY AND SUPPORT

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

- **Quality Assurance:** All products undergo 100% inspection before shipment to ensure quality.
- **30-Day Return Policy:** You may return the product within 30 days of purchase for any product-related issues.

- **1-Year Warranty:** The product comes with a 1-year warranty from the date of purchase. In case of product defects during this period, we offer replacement or refund.
- **Customer Service:** For any questions or concerns regarding your product, please feel free to contact our customer support team.