UPERFECT M156A17

UPERFECT 15.6-inch 4K Portable USB C Monitor Instruction Manual

Model: M156A17

1. INTRODUCTION

This manual provides comprehensive instructions for the UPERFECT 15.6-inch 4K Portable USB C Monitor, Model M156A17. Please read this manual carefully before using the product to ensure proper operation and to maximize its performance. Keep this manual for future reference.

A general view of the UPERFECT 15.6-inch 4K Portable USB C Monitor, showcasing its slim design.

2. PACKAGE CONTENTS

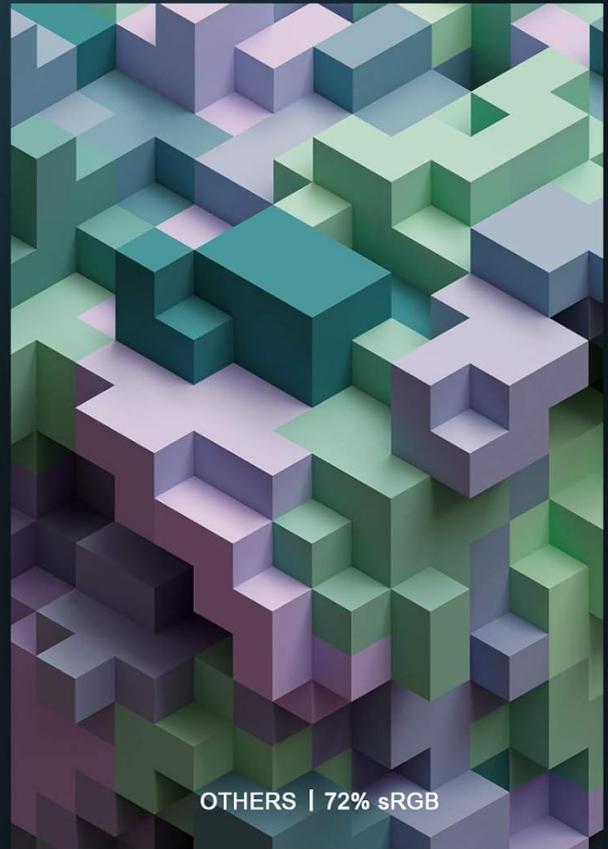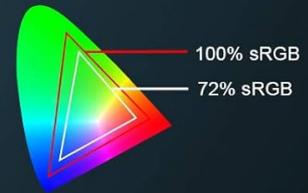Verify that all items listed below are present in your package:

- 1 x UPERFECT 15.6-inch 4K Portable Monitor
- 1 x Standard HD Cable
- 2 x Type-C to Type-C Cables
- 1 x Protective Cover / Stand
- 1 x Screen Protector
- 1 x PD Power Supply
- 1 x User Manual

3. FEATURES

- **Vivid 4K UHD Display:** Experience stunning visuals with a 3840 x 2160 resolution on a 15.6-inch IPS panel. The monitor features flicker-free technology, 300cd/m² brightness, and 99% sRGB color gamut for accurate and vibrant images. A 60Hz refresh rate ensures smooth display of content.

100% SRGB COLOR GAMUT

UPERFECT 4K monitor offers breathtaking images with a resolution of 3840x2160 and impressive color reproduction, which offers you a vivid picture and a fantastic viewing experience. The IPS screen ensures excellent picture quality and rich colors. The quality also remains constant when zooming in and playing.

100% sRGB
72% sRGB

UPERFECT | 100% sRGB

OTHERS | 72% sRGB

An image illustrating the difference between HDR off and HDR on, highlighting enhanced detail and color depth provided by 4K HDR technology on the UPERFECT monitor.

A visual comparison showing the vibrant and accurate colors achieved with 100% sRGB color gamut on the UPERFECT monitor compared to a standard 72% sRGB display.

- **Versatile USB-C Connectivity:** A single USB-C cable can provide both power and data transfer for Thunderbolt 3.0 PCs and USB 3.1 mobile phones. An HDMI port is also available for broader device compatibility.

- **Enhanced Gaming Experience:** With a 60 Hz refresh rate and 4 ms response time, coupled with HDR and AMD FreeSync technologies, the monitor delivers a smooth and responsive gaming experience, minimizing input lag and screen tearing.

- **Wide Viewing Angle:** The IPS panel offers a 178° viewing angle, ensuring consistent color and contrast even from extreme positions.

- **Portable Design:** The monitor is lightweight and comes with a durable synthetic leather protective cover that doubles as a stand.

4. SETUP AND CONNECTIONS

The UPERFECT portable monitor offers flexible connectivity options for various devices. Ensure your device supports video output via USB-C (DisplayPort Alternate Mode) or HDMI.

Connecting to Devices:

1. **USB-C Connection (Single Cable):** For devices with a full-featured USB-C port (supporting DisplayPort Alternate Mode and Power Delivery), connect one end of the provided Type-C to Type-C cable to your device and the other end to the monitor's USB-C (PD) port. This single cable can provide both video signal and power. If the device cannot supply sufficient power, connect the included PD power supply to the monitor's other USB-C port.

2. **HDMI Connection:** For devices with an HDMI output, connect one end of the provided Standard HD Cable to your device's HDMI port and the other end to the monitor's Standard HDMI port. You will also need to power the monitor separately using the provided PD power supply connected to a USB-C port on the monitor.

3. **Mini DisplayPort Connection:** For devices with a Mini DisplayPort output, connect a Mini DisplayPort cable (not included) to your device and the monitor's Mini DP port. Power the monitor separately using the provided PD power supply.

4. **Peripheral Connections:** Use the Micro USB port to connect a keyboard or mouse for enhanced productivity, especially when using the monitor with a mobile phone in desktop mode.

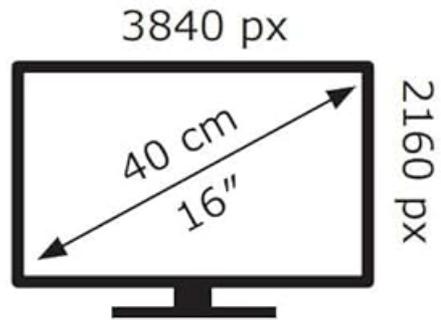**0** kWh/1000h

3840 px

40 cm

16"

2160 px

2019/2013

A diagram detailing the various connection ports on the UPERFECT portable monitor, including USB Type-C, Mini DisplayPort, Standard HDMI, and Micro USB, along with compatible devices.

LANDSCAPE OR PORTRAIT MODE

Duplicate Mode | Extend Mode | Second Screen Mode

The UPERFECT portable monitor connected to both a mobile phone and a laptop, demonstrating its versatility for mobile office setups with a keyboard and mouse.

5. OPERATING MODES

The monitor supports various display modes to enhance your workflow and entertainment:

- **Duplicate Mode (Mirror Mode):** This mode mirrors the content of your primary screen onto the portable monitor. It is ideal for presentations or sharing content in real-time.

- **Extend Mode:** This mode extends your desktop across both screens, providing more screen real estate for multitasking. You can drag windows between your primary display and the portable monitor.

- **Second Screen Only Mode (Single Projection Mode):** This mode turns off your primary screen and displays content only on the portable monitor. This can be useful for saving power or focusing on content on the portable display.

Orientation:

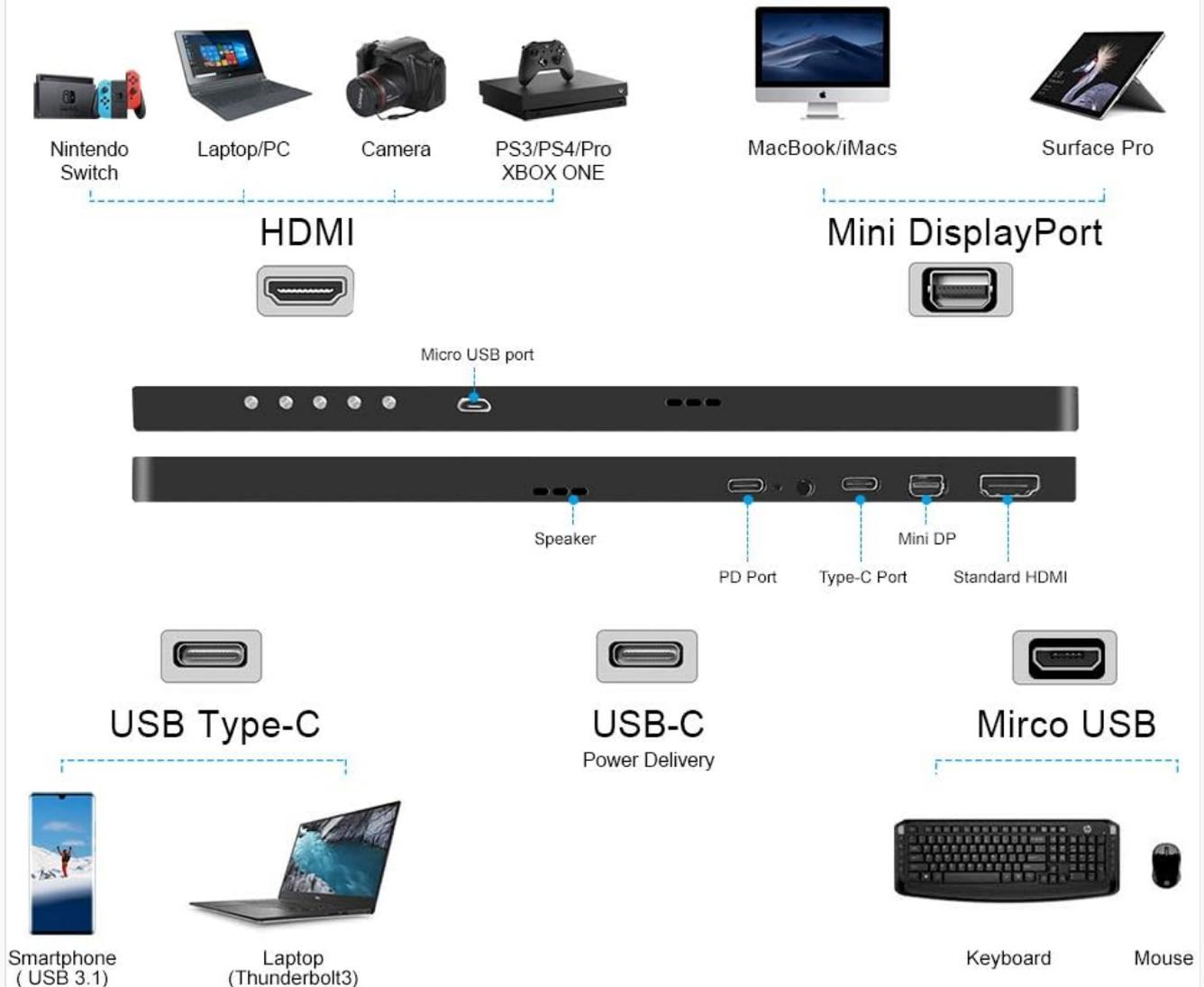The monitor features a gravity sensor for automatic rotation, allowing seamless switching between landscape and

portrait orientations. This is particularly useful for coding, document viewing, or specific gaming scenarios.

The UPERFECT portable monitor displayed in both landscape and portrait orientations, illustrating its automatic rotation feature and flexibility for different viewing needs.

Interfaces For Multiple Devices

HDMI: Nintendo Switch, Laptop/PC, Camera, PS3/PS4/Pro XBOX ONE

Mini DisplayPort: MacBook/iMacs, Surface Pro

Micro USB port

Speaker — PD Port — Type-C Port — Mini DP — Standard HDMI

USB Type-C: Smartphone (USB 3.1), Laptop (Thunderbolt3)

USB-C Power Delivery

Mirco USB: Keyboard, Mouse

A person working at a desk with the UPERFECT portable monitor acting as a second display, extending the screen from a laptop to improve productivity.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your UPERFECT 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-specific cleaning solution. Avoid using harsh chemicals, alcohol, 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 cover to prevent dust and scratches. Avoid exposing it to extreme temperatures or humidity.

- **Handling:** Always handle the monitor by its edges. Avoid applying pressure directly to the screen.

7. 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, HDMI, Mini DP) are securely connected to both the monitor and your device.
  - Verify that the monitor is receiving power. Connect the PD power supply if using HDMI or if your device's USB-C port does not provide sufficient power.
  - Check your device's display settings to ensure it is configured to output to an external display (e.g., Extend, Duplicate, or Second Screen Only mode).
  - Try a different cable or port if available.

- **Flickering Screen:**

  - Ensure the power supply is stable. Use the provided PD power adapter.
  - Check cable connections for looseness.
  - Adjust the refresh rate in your device's display settings.

- **No Sound:**

  - Check the monitor's volume settings and your device's audio output settings.
  - Ensure the audio source is correctly selected on your device.

- **Image Quality Issues (Blurry, Incorrect Colors):**

  - Ensure your device's resolution output matches the monitor's native 4K (3840x2160) resolution.
  - Check the monitor's OSD (On-Screen Display) menu for color and brightness settings.
  - Verify that HDR is enabled/disabled as desired in both the monitor's settings and your device's display settings.

8. SPECIFICATIONS

Detailed technical specifications for the UPERFECT 15.6-inch 4K Portable USB C Monitor (Model M156A17):

Feature	Specification
Brand	UPERFECT
Model Number	M156A17
Screen Size	15.6 Inches
Panel Type	IPS
Resolution	3840 x 2160 (4K Ultra HD)
Refresh Rate	60 Hz
Response Time	4 milliseconds
Brightness	300 cd/m²
Contrast Ratio	1000:1

Feature	Specification
Viewing Angle	178°
Aspect Ratio	16:9
Color Gamut	99% sRGB
Special Features	HDR, AMD FreeSync, Gravity Sensor (Auto Rotation)
Connectivity	2 x USB Type-C (Full-featured, Power Delivery), 1 x Mini DisplayPort, 1 x Standard HDMI, 1 x Micro USB (OTG)
Compatible Devices	ASUS ZenBook 3, XPS13/15, Razer Blade Stealth, Huawei Mate10/P20, Samsung S8/S9/Note8, HTC10, Lumia 950, Laptop PC MAC Windows, Lenovo Yoga 900, HP Spectre/Envy, MacBook, Huawei Mate Book, Xiao Mi Air/Pro, PS3/PS4/PS5, XBOX ONE, Switch, Raspberry Pi 4/3B+, Smart Security Camera
Operating System Compatibility	Android, Linux, Windows, iOS
Material	Aluminum

Produktinformationsblatt

DELEGIERTE VERORDNUNG (EU) 2019/2013 DER KOMMISSION in Bezug auf die Energieverbrauchskennzeichnung von elektronischen Displays

	Parameter	Parameter oder Wert und Präzision			Einheiten
1.	Name oder Warenzeichen des Lieferanten.	UPERFECT			
	Adresse des Lieferanten.	E-CrossStu GmbH, Felix-Dahn-Strasse 4, DE			
2.	Modellkennung	156A17/156A24/156F13/156L01			
3.	Energieeffizienzklasse für Standard-Dynamikbereich (SDR)	C			
4.	Leistungsbedarf im Ein-Modus in SDR	6,0			W
5.	Energieeffizienzklasse für High Dynamic Range (HDR)	n.a.			
6.	Leistungsbedarf im On-Modus in HDR, falls implementiert	n.a.			W
7.	Aus-Modus, Strombedarf, falls zutreffend	0,3			W
8.	Leistungsbedarf im Standby-Modus, falls zutreffend	0,5			W
9.	Strombedarf im vernetzten Standby-Modus, falls zutreffend	2,0			W
10.	Kategorie elektronische Anzeige	Monitor			
11.	Größenverhältnis	16	:	9	
12.	Bildschirmauflösung	3840	x	2160	Pixel
13.	Bildschirmdiagonale	39,5			cm
14.	Bildschirmdiagonale	16			Zoll
15.	Sichtbarer Bildschirmbereich	6,7			dm²
16.	Panel-Technologie verwendet	LCD			
17.	Automatische Helligkeitsregelung (ABC) verfügbar	No			
18.	Spracherkennung Sensor verfügbar	No			

19.	Raum Präsenzsensor verfügbar	No	
20.	Bild Aktualisierungsfrequenz (Standard)	50	Hz
21.	Mindest Garantierte Verfügbarkeit von Software- und Firmware-Updates (ab dem Datum des Endes des Inverkehrbringens)	-	Jahre
22.	Mindest Garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum des Endes des Inverkehrbringens)	-	Jahre
23.	Mindest Garantierter Produktsupport	-	Jahre
	Mindestdauer der vom Lieferanten angebotenen allgemeinen Garantie	-	Jahre
24.	Stromversorgung Typ	External	
25.	Externe Stromversorgung (nicht genormt und in der Produktverpackung enthalten)		
	i	-	
	ii Eingangsspannung	-	V
	iii Ausgangsspannung	-	V
26	Externes genormtes Netzteil (oder passendes falls nicht im Lieferumfang enthalten)		
	i	-	
	ii Erforderliche Ausgangsspannung	-	V
	iii Erforderlicher abgegebener Strom (Minimum)	-	A
	iv Erforderliche Stromfrequenz	-	HZ

The EU energy efficiency label for the UPERFECT 15.6-inch monitor, showing its energy class and consumption. For more details, visit EPREL Database.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official UPERFECT website. Information regarding spare parts availability and guaranteed software updates is not explicitly provided in the product details.