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Powerology

144Hz Ultra-Slim Portable Monitor

SKU: PSM004
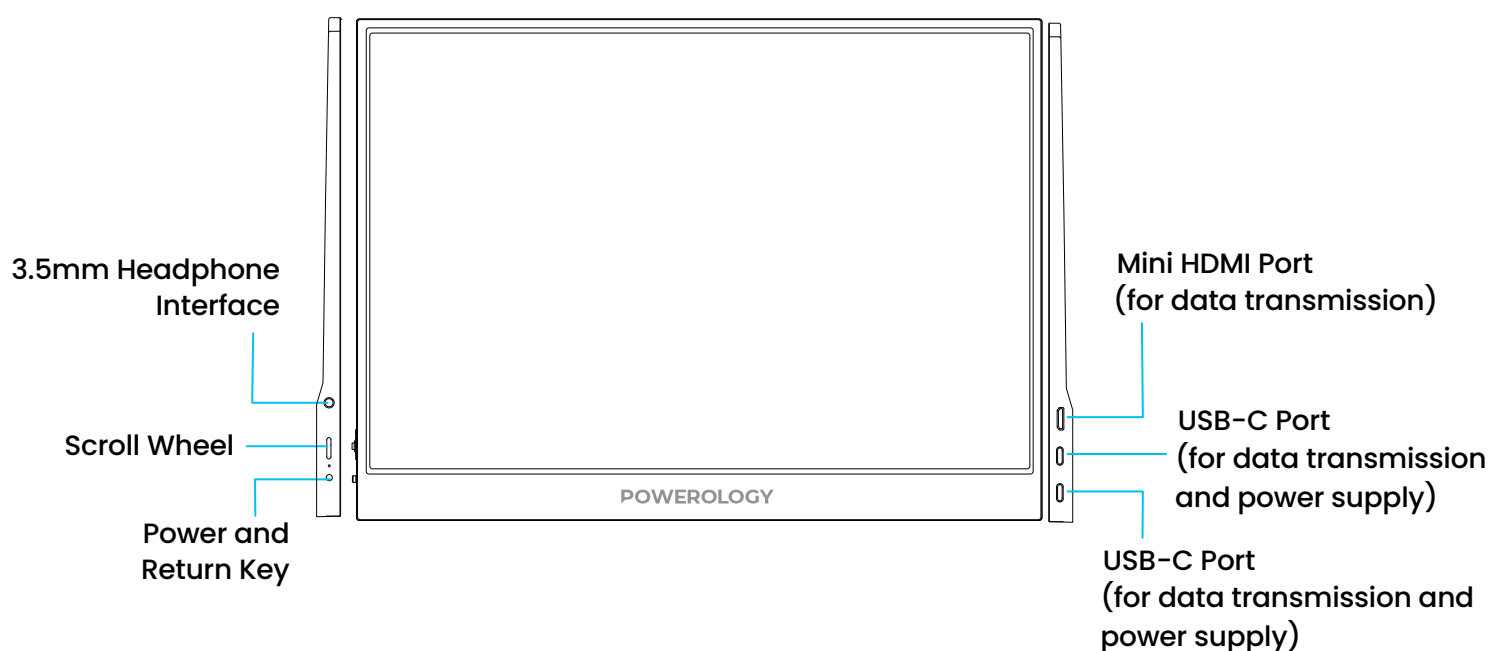
Table of Contents

Before using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Software Drive

This is a Plug and Play monitor. No driver is required for setup.

Schematic View

3.5mm Headphone Interface

Scroll Wheel

Power and Return Key

Mini HDMI Port (for data transmission)

USB-C Port (for data transmission and power supply)

USB-C Port (for data transmission and power supply)

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Button Guide

1. Power and Return Key:

1.1 In General Mode, press briefly to power on and long press to power off.

1.2 In OSD setting mode, press briefly to go back.

2. Scroll Wheel Key:

2.1 In General Mode, press to open the OSD setting menu.

2.2 In OSD setting mode, press to move forward and select. Use the up or down toggle to increase or decrease parameters.

Port Guide

1. 3.5mm Headphone Jack: For connecting earphones or speakers to output audio.

2. Mini HDMI Port: For connecting HDMI devices using a Mini HDMI to HDMI cable. It can also connect to other devices such as Display (DP) port, Mini DP port, VGA port, but an additional conversion cable may be required.

3. USB-C Port: For connecting Thunderbolt 4/3 ports or USB-C full-function devices.

Magnetic Stand Cover

Made from durable PU leather, this cover fully protects the monitor and can also be folded into a stand.
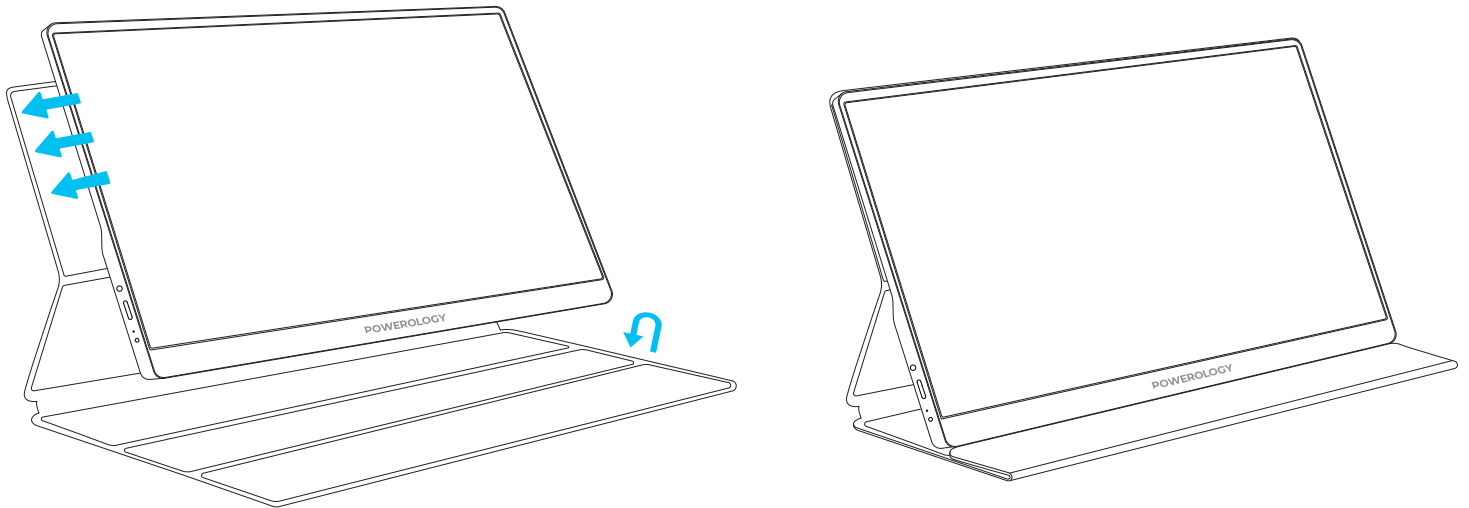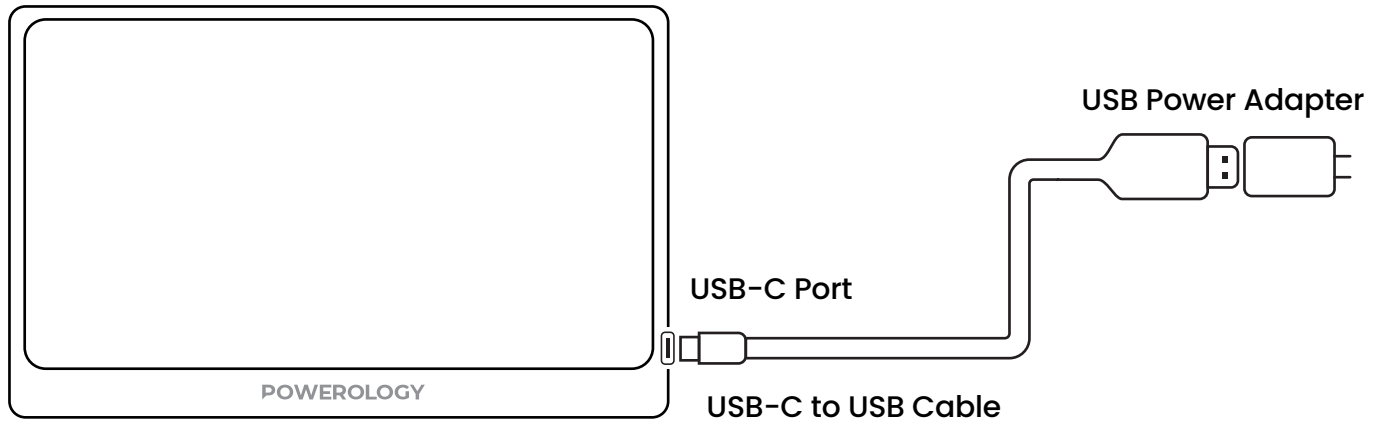

Power Supply Connection

The portable monitor does not have a built-in battery and requires an external power supply.

1. Power by Wall Charger

The USB-C to USB cable is the power supply cable. It should only be used for supplying power. Do not use it for video signal transmission.

USB Power Adapter

USB-C Port

USB-C to USB Cable

2. Power by Power Bank

Connect either of the USB-C ports on the monitor to the power bank using the power cable.

USB Port

USB-C Port → USB Port

Power Bank

USB-C Port

USB-C to USB Cable
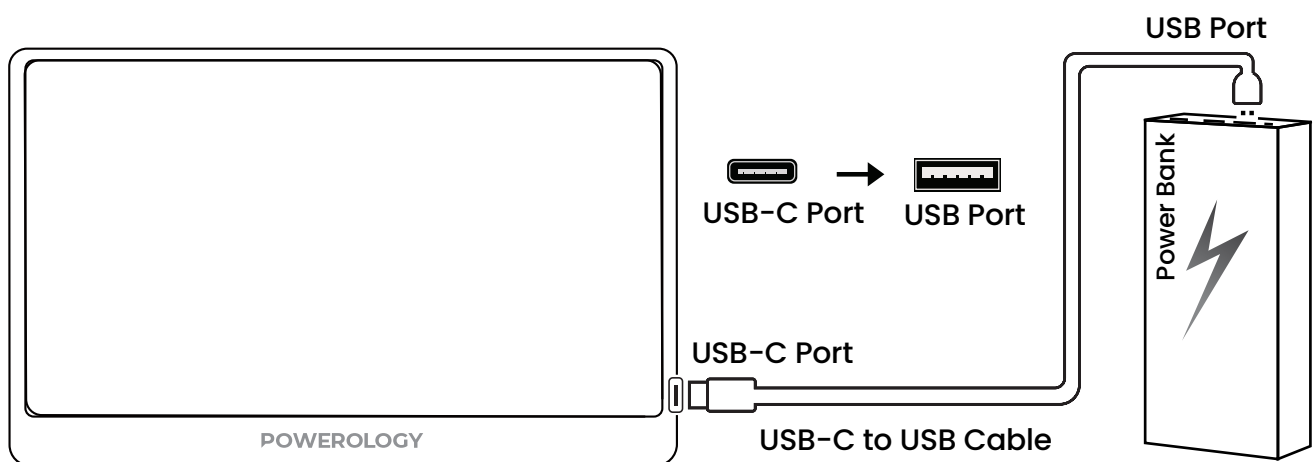
3. Power by USB Port of PC or Laptop

Connect either of the USB-C ports on the monitor to the standard USB port on your PC or laptop using the power cable.

Laptop

USB Port

USB-C Port

USB-C to USB Port
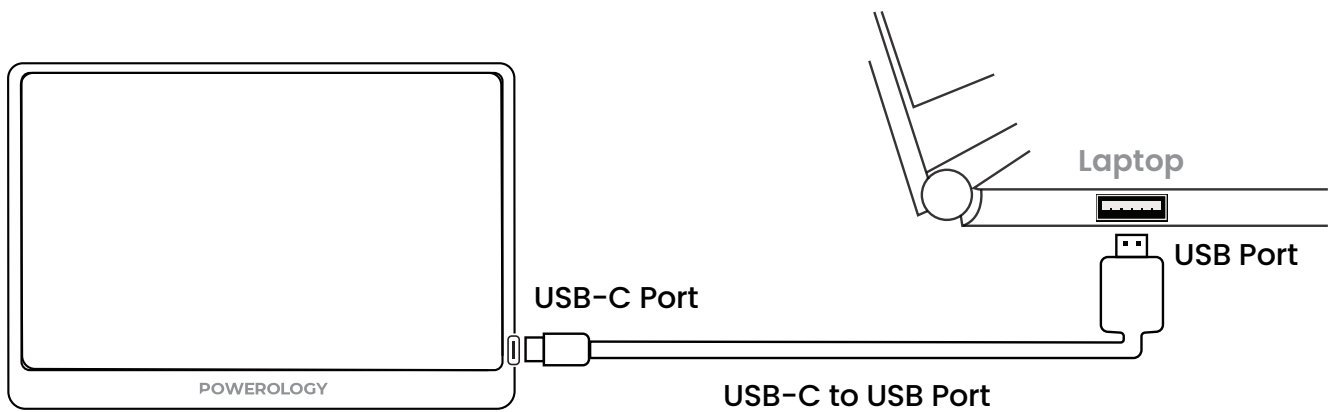
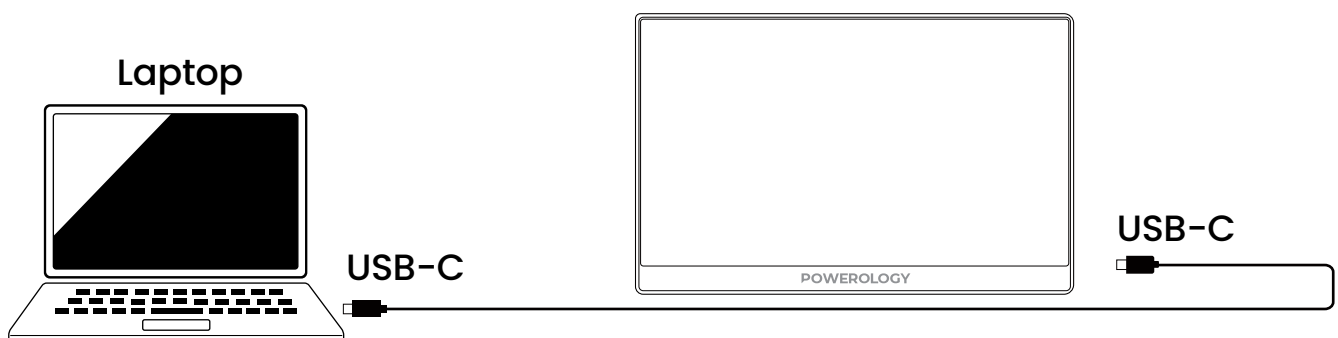## Magnetic Stand Cover

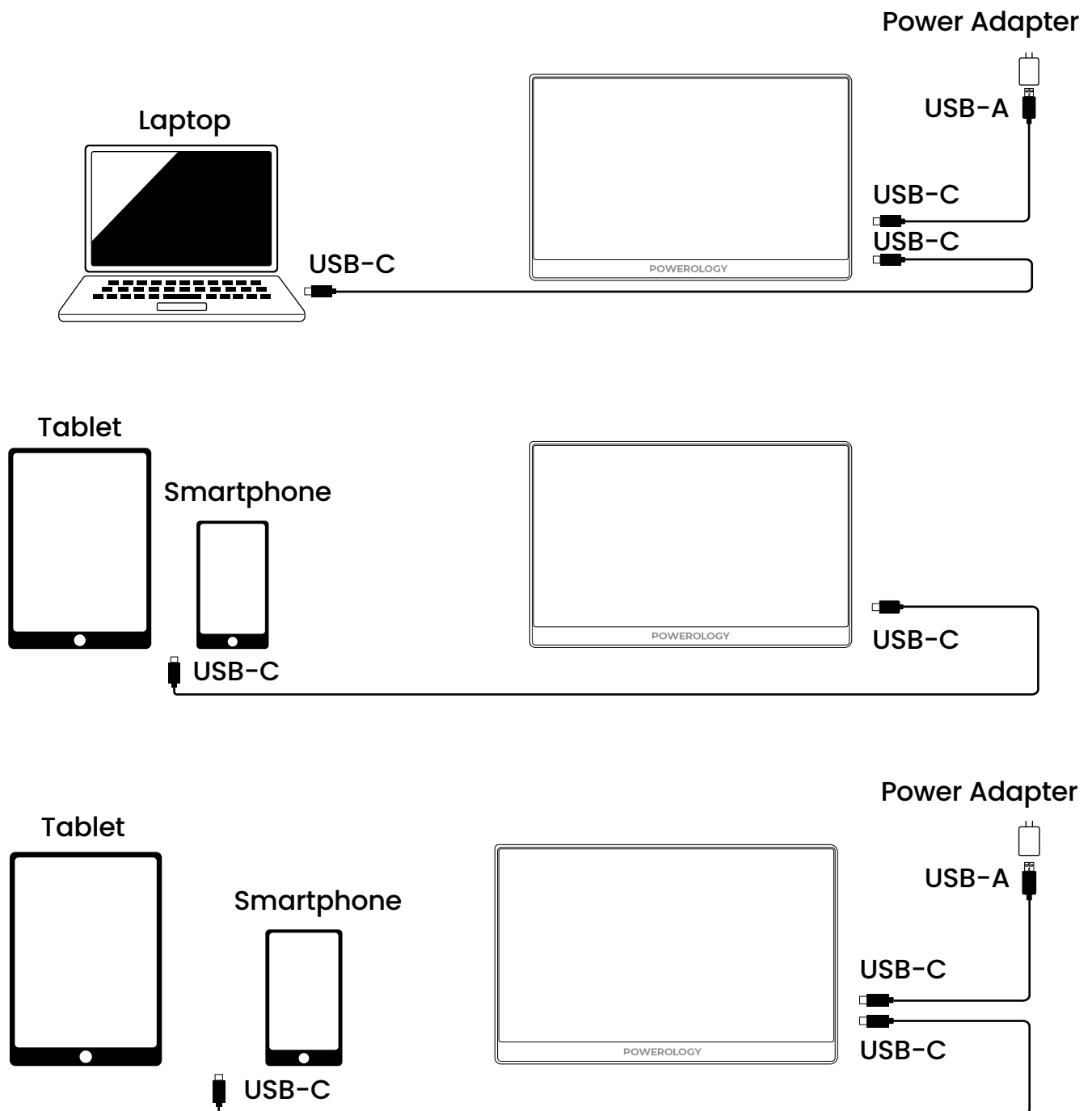**1.** Connect USB-C Laptop, iPad, and Smartphone

1.1 Compatible with Thunderbolt 4/3 ports or USB-C full-function ports on laptops, tablets, or smartphones.

1.2 If the USB-C port on the device is not a "Thunderbolt 4/3" or "USB-C full-function" port, the device cannot be connected via the USB-C to USB-C cable.

1.3 Users only need one USB-C cable to connect the "USB-C Port" of the device to the "USB-C port" on the monitor to enable both signal transmission and power supply. However, if the USB-C device cannot output enough power, please power the monitor separately.

1.4 The brightness will automatically be reduced in One-Cable Function. Users can manually raise it, but we recommend not raising it higher than 80.

Laptop

USB-C

USB-C

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Laptop

Power Adapter

USB-A

USB-C

USB-C

USB-C

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Tablet

Smartphone

USB-C

USB-C

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Power Adapter

Tablet

Smartphone

USB-A

USB-C

USB-C

USB-C

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2. USB-C Gaming Device Connection

2.1 Compatible with the USB-C full-function port of gaming devices (e.g., Nintendo Switch).

2.2 Use a DC5V/2A charger and a USB-C to USB cable to power the portable monitor.

2.3 Use the included USB-C to USB-C cable to connect the "USB-C port" of the monitor to the "USB-C port" of the gaming device.

Game Devices

Power Adapter
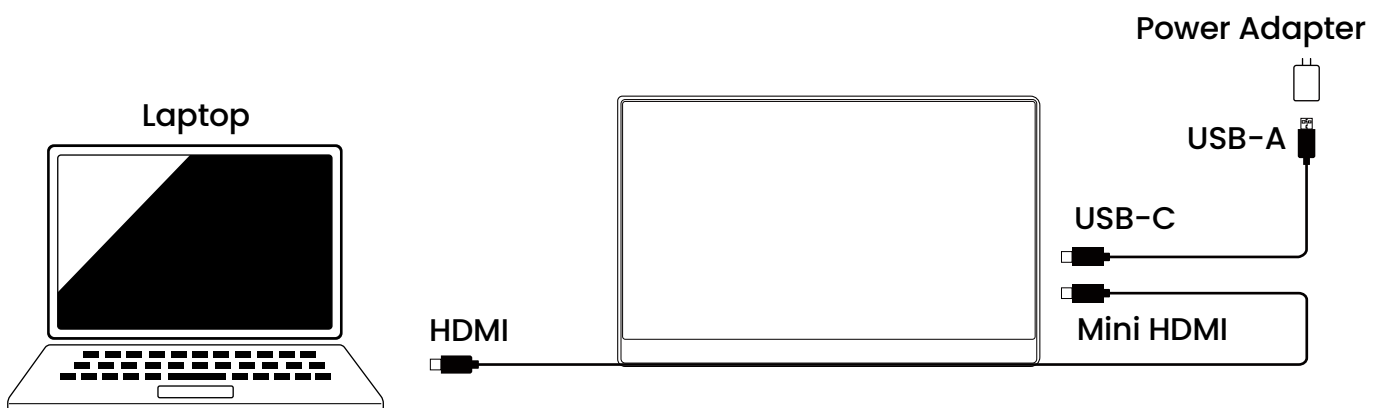
USB-A
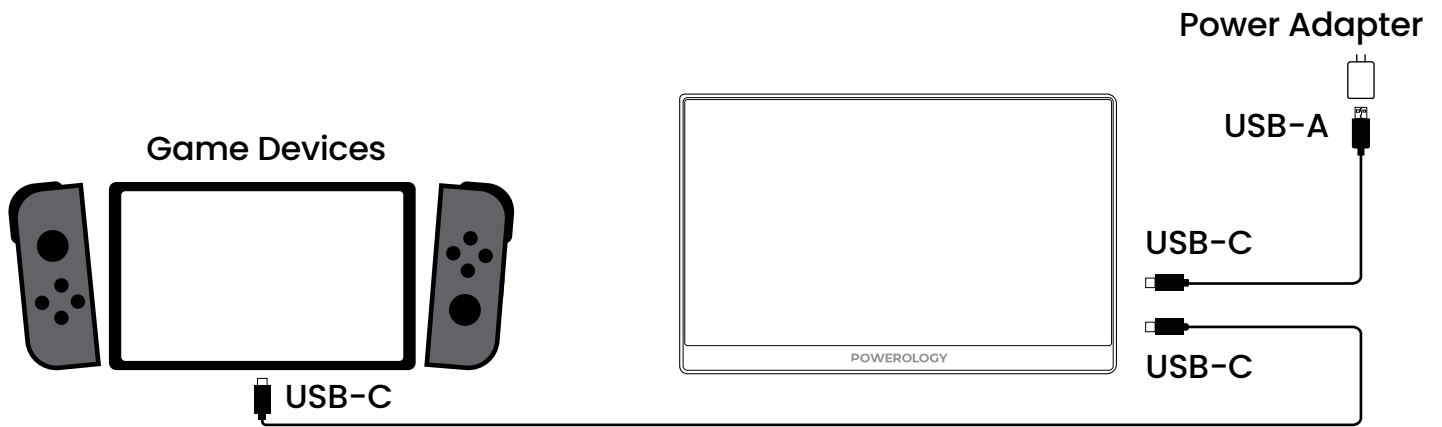
USB-C

USB-C

USB-C

3. HDMI Connection

3.1 Compatible with HDMI devices, such as PCs, laptops, Xbox, PS5/4/3, Nintendo charging dock (not the Nintendo Switch console), Raspberry Pi, cameras, TV boxes, etc.

3.2 Use a DC5V/2A charger and a USB C-A cable to power the portable monitor.

3.3 Use the included Mini HDMI to HDMI cable to connect the "Mini HDMI port" of the monitor to the "HDMI port" of the HDMI device.

HDMI Devices

Power Adapter

USB-A

USB-C

Mini HDMI

HDMI

Laptop

Power Adapter

USB-A

USB-C

Mini HDMI

HDMI
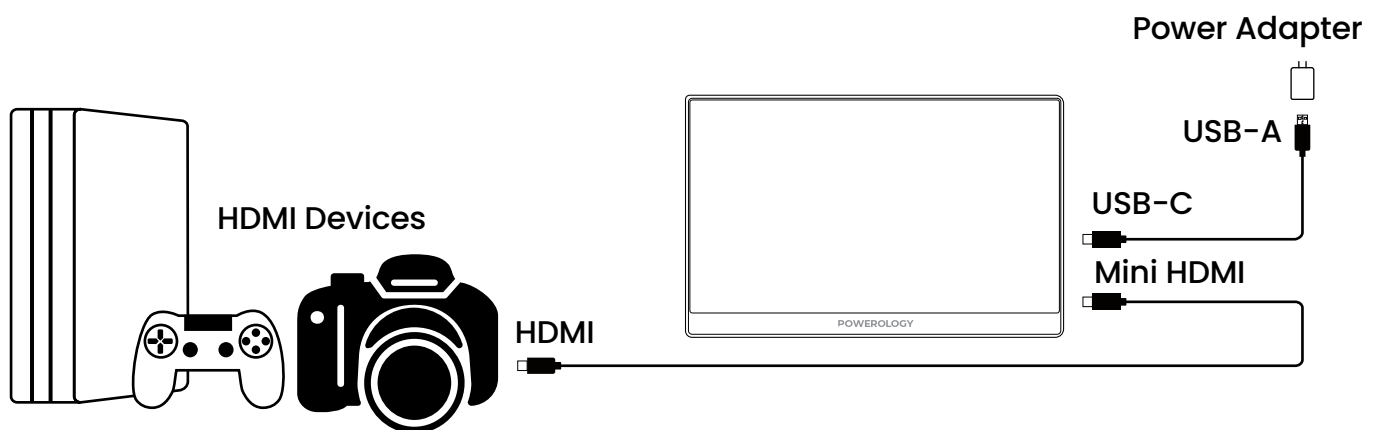
Functions Setting Description

Use the Return Key and Roll Key to navigate forward, select, go backward, and adjust upward or downward.

1. Brightness

|		
BRIGHTNESS		20
CONTRAST		50
BLACK LEVEL		50
SHARPNESS		2

|		
Brightness	0 to 100	Adjust the screen brightness
Contrast	0 to 100	Adjust the screen contrast
Black level	0 to 100	Adjust the screen black level
Sharpness	0 to 4	Enhance the clarity of the image

2. Image

ECO	◄	STANDARD ►
DCR	◄	OFF ►
ASPECT	◄	WIDE ►

	Standard	Standard image mode
	RTS	Image suitable for RTS games
	FPS	Image suitable for FPS games
ECO	Text	Image optimized for text display
	Movie	Image suitable for projection
	Game	Image suitable for gaming
DCR	Pff/On	The brightness will adjust automatically.
Aspect	16:9 (Wide), 4:3	Change the screen aspect ratio.

3. Color Temperature
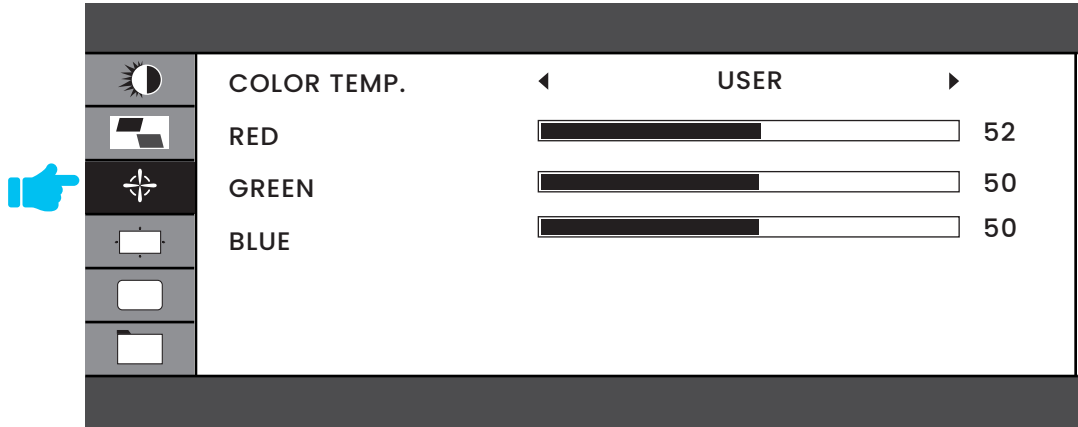
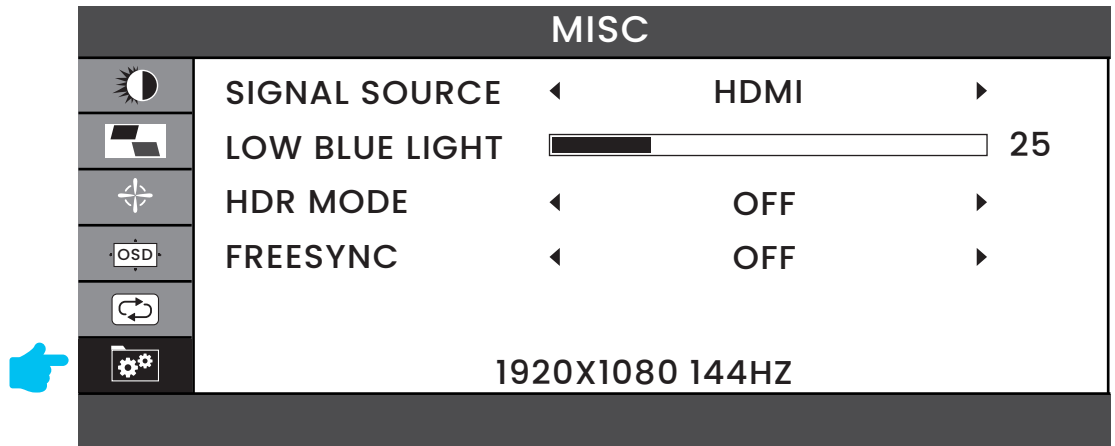| Color Temperature	User Setting	Adjust the screen color
Red	0 to 100	Adjust the brightness of the RGB red
Green	0 to 100	Adjust the brightness of the RGB green
Blue	0 to 100	Adjust the brightness of the RGB blue

4. OSD Setting
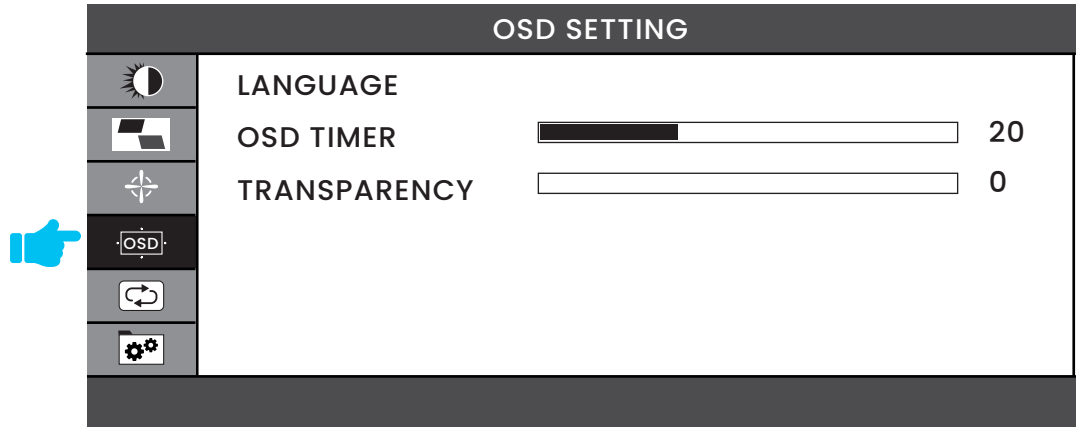
Language	12 Languages	Select the language to be displayed.
OSD Time	10 to 60	Set the duration for which the OSD menu remains visible.
Transparency	0 to 100	Adjust the transparency of the OSD menu on the display.

4. Reset

RESET

RESET		
MUTE	◄ OFF ►	
VOLUME	▮▮▮▮▮▮▮	50
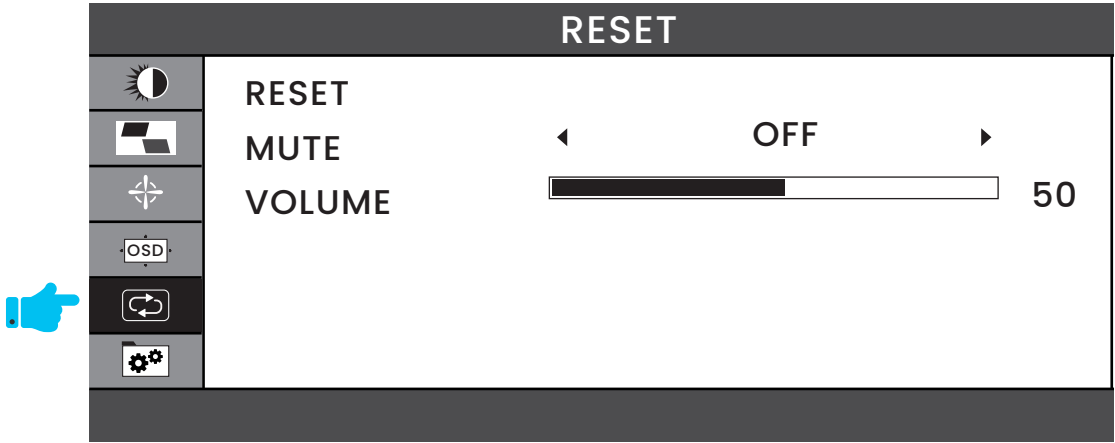
Reset	Reset	
Mute	On/Off	Activate or deactivate the mute mode.
Volume	0 to 100	Adjust the volume level.

5. MISC

MISC

SIGNAL SOURCE	◄ HDMI ►	
LOW BLUE LIGHT	▮▮▮	25
HDR MODE	◄ OFF ►	
FREESYNC	◄ OFF ►	
	1920X1080 144HZ	

Signal	USB-C1, USB-C2, HDMI	Select the signal input port.
Low Blue Light	0 to 100	Reduce blue light emission.
HDR Mode	Off, Auto, 2084	Enable HDR mode.
Free Sync	Off, On	Adjust the screen display effect.

Troubleshooting

Q1: Power is not ON.
Answer: Press the power button to check if the monitor is in ON mode. Ensure that the cable is properly connected to both the monitor and the power outlet.

Q2: The monitor is not working while using the USB-C port.
Answer: Ensure that the laptop or smartphone's USB-C port supports USB-C 3.1 protocol. Some USB-C ports are not fully functional and do not support display functionality.

Q3: Does the monitor support smartphones?
Answer: The monitor supports smartphones with a USB-C 3.1 protocol port. Please note that some smartphones' USB-C ports may not support the display function, in which case our monitor will not be compatible.

Q4: I lost the accessories of this monitor.
Answer: Please feel free to contact our support team.

Specifications

Screen Size	15.6 Inch
Screen Panel	IPS
Brightness	250cd/m2
Resolution	1920×1080
View Angle	178°

NTSC	sRGB 100%
Refresh Rate	144Hz
Speaker	Surround Speakers
Power	DC 5V/2.4A
Product Size	354.7×221.4×10.9mm
Ports	Mini HDMI, 3.5mm Audio, x2 USB-C Full Function
Weight	750g
Model Number	SM04

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

▌Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website**powerology.me/warranty** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

▌Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**
Website: **powerology.me**
Instagram: **powerology_official**
Facebook: **powerology.ME**