



**Powerology**

**27" Android Briefcase Display**

SKU: PUHD27



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## Preface

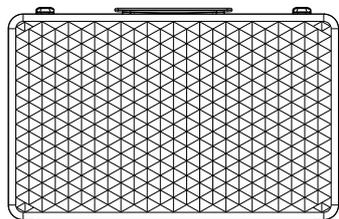
Before using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

## Warnings

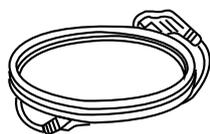
- 1.** Always use the original AC power cord provided with the unit.
- 2.** The slits and openings in the machine are intended for ventilation and heat dissipation; do not block or cover them.
- 3.** Avoid operating or storing the machine in dusty, humid, or hot environments.
- 4.** If the machine malfunctions, do not attempt to disassemble or repair it yourself; instead, contact the professional service agents
- 5.** Stepping on the AC power cord can cause damage that may lead to electric shock and other hazards. If the cord is damaged, stop using it immediately, as this poses a safety risk.
- 6.** Unplug the power cord and turn off the battery switch during thunderstorms or when the unit will not be used for an extended period.
- 7.** Place the machine securely away from the edge of tables and out of reach of children to prevent the risk of falling or injury.
- 8.** Handle the display with care during transport and avoid contact with sharp or hard objects to prevent damage.
- 9.** Clean the machine with a dry, soft cloth or a cloth slightly dampened with a mild cleaning agent. Avoid using solvents such as alcohol or gasoline, as these can damage the surface finish.
- 10.** Make sure children understand the risks associated with climbing on this product, as it may cause serious injury if it falls or tips over.
- 11.** Do not position the product in an unstable or tilted manner.

**12.** Keep the cables connected to the product organized to prevent tripping, pulling, or snagging hazards.

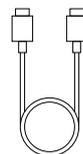
## Package Contents



Monitor x1



Power Cable x1



Type-C Cable x1



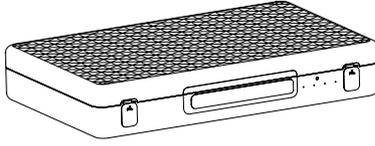
Bluetooth Remote Control x1

## Specifications

Operating System	Android 12
CPU	RK3588S2 Octa Core
RAM	8GB
Storage	128GB
Rated Voltage	100-240V
Rated Frequency	50-60Hz
DP IN Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 45W Max
Battery Capacity	6800mAh, 14.4V
Recharge Time	3.5H
Working Time	5.5H
Screen Panel	27" LCD
Screen Resolution	1080×1920P
Aspect Ratio	16:9
Touch Points	10-Point Capacitive Screen
Interface	Type-C, USB 3.0, HDMI, DP
WiFi	802.11b/g/n/a/ac/ax (WiFi6)
Bluetooth	V5.2
Working Temperature	0° to 45°

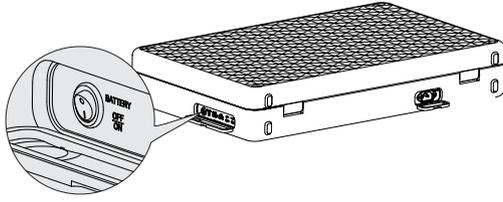
# Initial Setup

1. Place the product on a flat surface with the front side facing up.

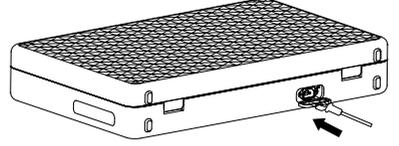


2. Turn on the battery switch located on the left side of the product.

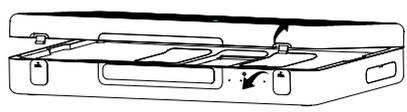
**Note:** If the battery switch is turned off, the product can only be turned on by connecting the power cable.



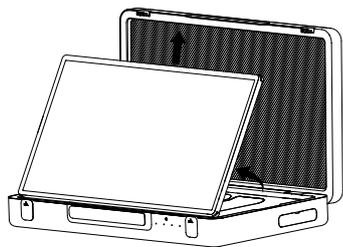
3. If a power supply is required, connect the power cable to the product. The power port is located on the back of the unit.



4. Unlock the front latch of the product and open the top cover.

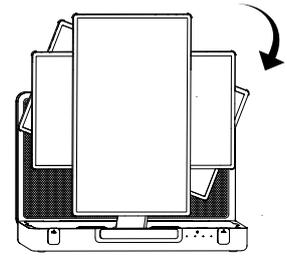


5. Lift the display screen upwards, ensuring that the display is facing forward.

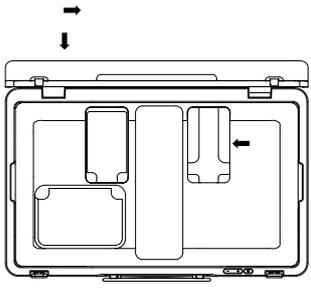


6. To rotate the screen, pull it upwards and rotate it clockwise.

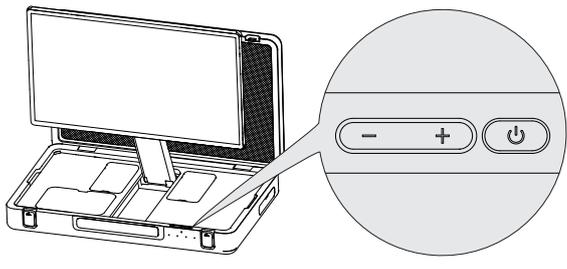
**Note:** The counterclockwise rotation is not supported.



7. Use the storage box to store the power cord, remote control, and other accessories.

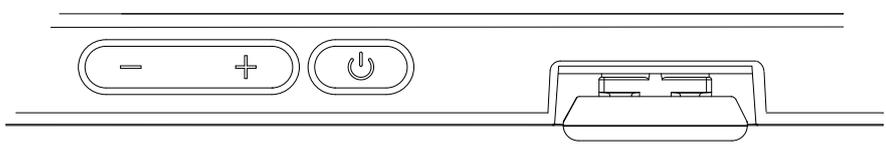
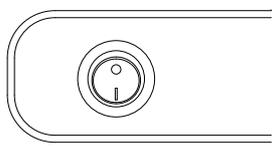


8. To power on the device, briefly press the power button. During the initial setup, please follow the on-screen setup wizard.



# Button Instructions

Please use the included standard AC power cable.



Button	Function
	When pressing the "O" direction: The entire device is in the power-off state. When pressing the "I" direction: The entire device is in the power-on state.
	When in the power-off state: Press and hold for 3-2 seconds to power on. When in the power-on state: Press and hold for 3-2 seconds to enter shutdown confirmation (Power off /Restart). Short press to enter the sleep screen state, and short press again to exit the sleep state.
	Adjust system volume increase.
	Adjust system volume reduction.

⚡ When the power cable plug is supplying power to the unit, ensure to only move the product within a limited range to prevent the risk of power leakage caused by forcefully pulling or damaging the power cord.

## Connection Guide

**HDMI IN:** For connecting an external HD video signal input.

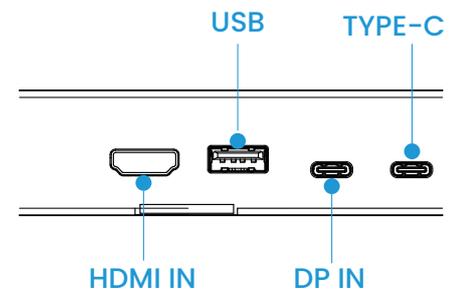
**USB:** Can be used with a USB storage device, or for a mouse and keyboard receiver.

**DP IN:** Multi-function interface

Supports PD fast charging protocol, adaptive four-stage voltage 5V/9V/12V/15V output, maximum 45W.

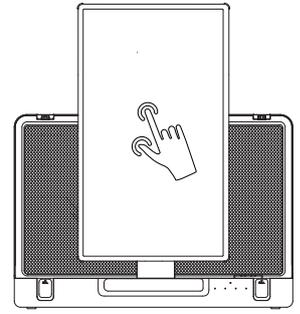
Supports DP screen mirroring, allowing you to output your cell phone or Nintendo Switch game console to the device via a TYPE-C cable.

**Type-C:** Use the TYPE-C to connect a USB drive, mouse, and more.



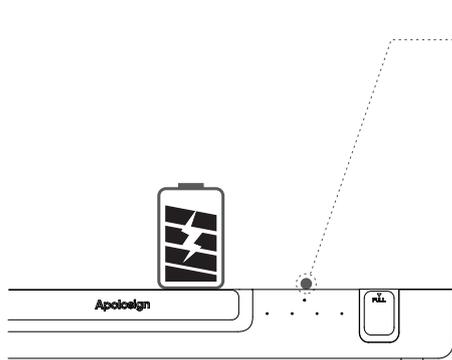
## Touch Function Instructions

This device features an IPS Full HD ten-point capacitive touch LCD display screen. To maintain the screen's clarity, please ensure it is kept clean.



## Built-in Battery Instructions

This product is equipped with a built-in power supply board and a rechargeable battery, allowing it to operate independently of external power sources for extended periods. When the battery is depleted, connect the power AC cable to recharge the device. The power indicator light will turn green once the connection is made.



<b>Blue Light</b>	The device is operational and the battery level is over 15%.
<b>Red Light</b>	The device is operational and the battery level is below 15%.
<b>Green Light</b>	The device is operational while connected to an external power source.
<b>Lights are off</b>	The device has shut down or is in sleep mode.

### Notice:

As the product ages, a proportional decline in battery life is normal. To extend the battery's lifespan, it is recommended to recharge the battery periodically. Once fully charged, unplug the AC power cable to prevent the battery from being maintained at a full charge continuously. Avoid charging the battery under extreme conditions. If the device is not in use for an extended period, please turn off the battery switch to conserve battery life.

# Screen Mirroring

**[1] Wireless screen mirroring supports multiple protocols:** Apple AirPlay, Miracast, and Android DLNA.

## **[2] Android**

Ensure that both the phone and the device are on the same network. Open the quick settings menu on your phone and click on "Screen Mirroring". Then, select the name of the device to be mirrored. The device will display the phone screen, indicating successful mirroring.

## **[3] iPhone**

Ensure that both the phone and the device are on the same network. Enter the shortcut menu on your iPhone and tap "Screen Mirroring". Then, select the name of the mirroring device. The device will display the iPhone screen, indicating successful mirroring.

## **[4] Windows**

Ensure that both the computer and the device are on the same network. On your Windows computer, go to Settings > System > Display > Multiple displays, and click "Connect to a wireless display". Then, select the name of the mirroring device. The device will display the computer screen, indicating successful mirroring.

## **[5] Mac**

Ensure that both the computer and the device are on the same network. On your Mac, go to System Preferences > Displays > Add Display, and select the name of the mirroring device. The device will display the Mac screen, indicating successful mirroring.

## **[6] Audio and Video Push**

Ensure that both the casting device and the device are on the same network. Open the video app and select the video. Then, click the "Casting icon" in the top right corner of the video and select the name of the casting device. The device will display the video,

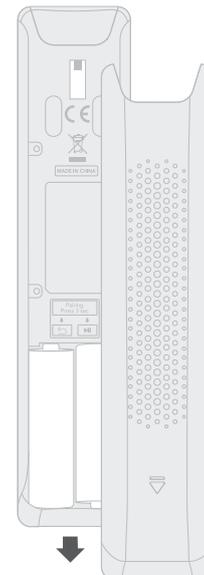
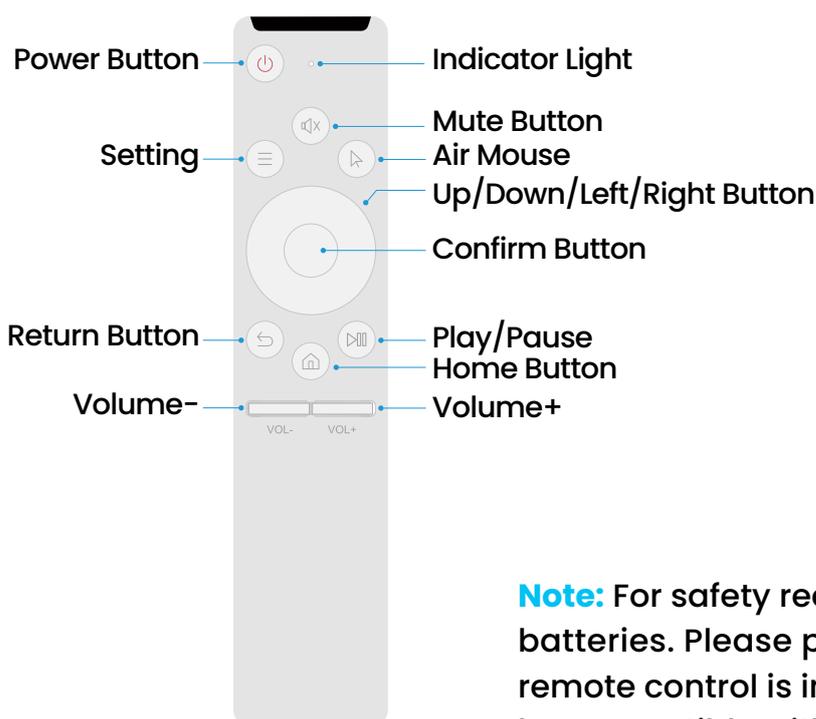
indicating successful casting.

## [7] Downloading App

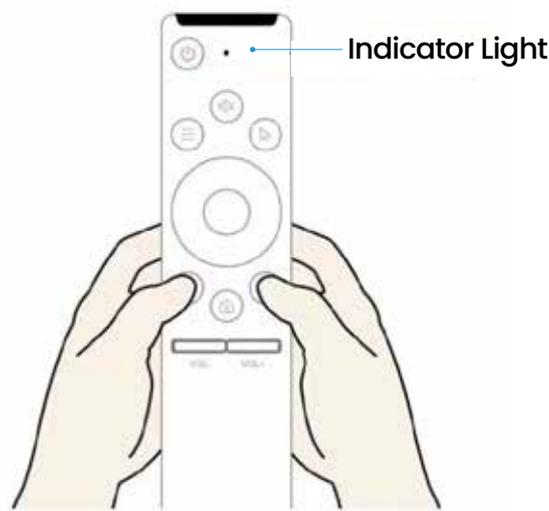
To download application software, navigate to "Google Play Store". Log in to the Google account and select an app to download. Proceed by installing the downloaded application.

## Remote Control Guide

1. Click the  icon in the upper-right corner of the main page to enter the Settings.
2. Click on [Connected Devices] to establish a Bluetooth connection.
3. Click on [+Pair with new device].
4. Simultaneously long-press the  back and  Play/Pause buttons on the remote control until the indicator light continuously flashes.
5. A new connected device named "Remote Controller" will appear under [Available Devices]. Select the "Remote Controller" for pairing.
6. When prompted to confirm the pairing on the screen, click "Pair" to successfully complete the setup of the remote control.



**Note:** For safety reasons, the remote control does not include batteries. Please purchase two AA batteries separately. The remote control is intended for auxiliary use only and may not be compatible with all applications.



After the device initiates Bluetooth pairing, simultaneously press and hold the back ↶ and the Play/Pause ▶⏸ buttons.

## **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- [1]** This device must not cause harmful interference.
- [2]** This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or

more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- \* Consult the dealer or an experienced radio/TV technician for help.

## **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](https://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](https://powerology.me/warranty)

## **Contact Us**

If you have any questions about this Privacy Policy, please contact us at: [hey@powerology.me](mailto:hey@powerology.me)

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