POWEROLOGY



Powerology

Dual OS Windows and Android Interactive Smartboard 65"

SKU: P65DSPLBK

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Features

1. Provides an intuitive interface for digital sketching, writing, and annotation directly on the screen, enhancing interactive experiences.
2. Enables seamless wireless connectivity to mirror or extend your device's display without the need for cables, supporting spontaneous sharing and collaboration.
3. Optimized for video conferencing, this smart screen includes built-in cameras and microphones to facilitate clear and effective remote communication.
4. Equipped to deliver a rich multimedia experience, this screen is ideal for streaming high-definition content, playing music, and more.
5. Delivers stunning 4K resolution for incredibly clear visuals, making it perfect for detailed graphics work or high-quality video playback.
6. Offers a large 65-inch display that provides ample space for collaboration, presentation, and entertainment.
7. Runs on both Android 11 and Windows 11, allowing users to switch seamlessly between operating systems depending on their application needs.
8. Powered by an Intel Core i5 processor, it ensures smooth performance across all tasks from computing to content creation.
9. Features a 48-megapixel camera for high-resolution video calls and the ability to capture detailed images and documents.
10. Equipped with a 35W audio system, providing rich, clear sound quality for all media and conferencing needs.
11. Includes a wheel base for easy mobility, allowing the smart screen to be moved between rooms or spaces effortlessly.

Specifications

Product Name	Powerology Dual OS Windows and Android Interactive Smartboard 65"
SKU	P65DSPLBK
Rated Voltage	100-240V
Rated Frequency	50/60Hz
Rated Power	380W
Operating System	Android 11 and Windows 11
CPU	A73*4+A53*4
GPU	Mail G8*52
RAM	8GB
Storage	128GB
Bluetooth Version	V5.0
Bluetooth Name	P65DSPLBK
Speaker	2*10W+15W
Camera	Built-In 48MP
Display	65" D-LED Backlight
Response Time	6.5ms
Aspect Ratio	16:9
Resolution	2160 x 3840
Refresh Rate	60Hz
Viewing Angle	178°
Touch Type	Infrared Sensing
Touch Tool	Responsive Stylus
Response Time	3ms
Interface	HDMI, Type-C, USB Port, RJ45, Display Port, 3.5MM Jack
Gross Weight	50.65KG
Power Cord	UK 3pin
Product Size	1489×906×87mm

Safety Warning

A. Placement

1. Do not place heavy objects on the machine.
2. Avoid inserting any objects into the machine.
3. Keep the machine away from equipment that emits strong radiation.
4. Do not place the machine in wet areas or where it may be splashed with liquids.
5. Ensure the machine is placed on a stable surface to prevent tipping or falling.
6. Avoid placing the machine in direct sunlight or near strong light sources.

B. Power Supply

1. In the event of lightning, disconnect the power cord.
2. Avoid physical or mechanical damage to the power cord.
3. Ensure the AC power cable is properly grounded.
4. Use only the specified power cord. Do not modify or extend it.
5. Unplug the power cord when the machine is not in use for an extended period or if no one is present.

C. Screen Maintenance

1. Please contact the service professionals for internal cleaning of the screen.
2. Always unplug the power cord before cleaning the screen.
3. Use a flexible, dust-free dry cloth to gently wipe the screen.
4. Do not use water or spray-on cleaners on the screen.
5. Avoid displaying images with high brightness for extended periods to prevent screen burn-in.
6. Do not use hard or sharp objects to write on or scratch the screen.

D. Temperature

1. The machine operates normally between 0-40°C.
2. Avoid placing the machine near electric heaters, radiators, or any other heat-generating sources.
3. When moving the machine from a cold area to a warmer one, allow it to sit for a while to balance internal condensation before powering on.

E. Humidity and Water Exposure

1. Do not expose the machine to rain, wet environments, or submersion in water.
2. Maintain a dry and cool environment. The normal operating humidity range for the machine is 10 % to 90 % RH.

F. Ventilation

1. Ensure the machine is placed in a well-ventilated area to facilitate effective heat dissipation.
2. Keep at least 10 cm of space behind and 20 cm above the machine clear to ensure adequate air flow.

G. Standby Mode

The standby button allows the machine to remain on standby without fully shutting down, reducing energy consumption while making it quick to resume operation.

H. Cleaning Requirements

The rear shell of this product features a heat dissipation hole. Avoid spraying or pouring liquids directly onto it and refrain from cleaning it with a wet cloth.

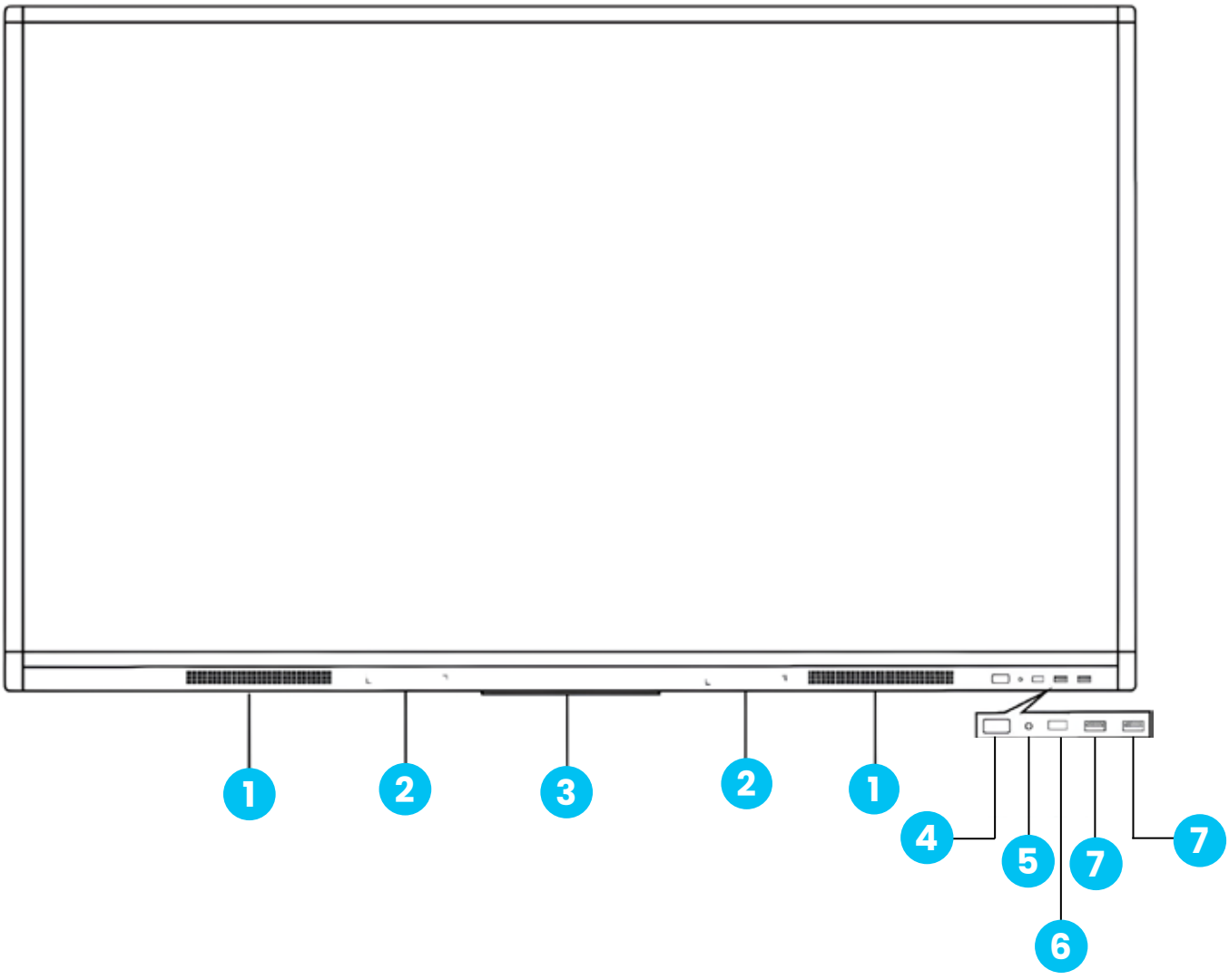
I. Disconnecting the Device

1. The power switch settings are as follows: "I" for on (indicating power is on) and "O" for off (indicating power is off).
2. Ensure the appliance coupler and power cord plug are easily accessible near the device.

J. Maintenance Precautions

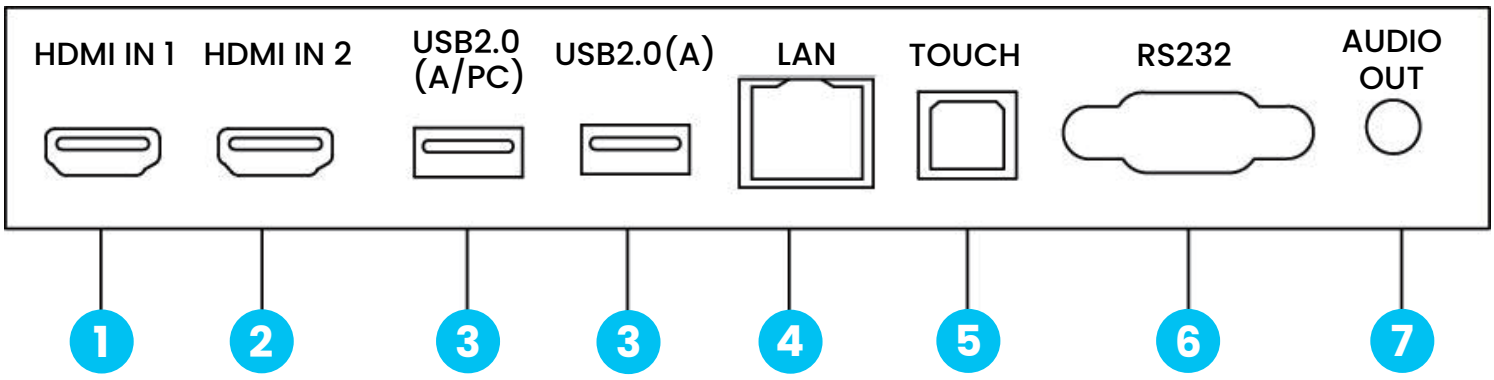
1. Only professional service personnel should perform repairs.
2. If the equipment is damaged, experiences liquid spills, or suffers impact, contact professional service personnel for maintenance.
3. Do not attempt to disassemble the equipment for any repairs.

Product Schematic View



No.	Function Description
1	Speaker
2	Pen Absorption Area
3	Wireless Module
4	**Power Button** **1.** Activate from Standby: Press the power button to turn on the machine from standby mode. **2.** Energy Saving Mode: While in the startup state, press the power button to enable energy-saving mode. **3.** Enter Standby: During the startup state, hold the power button for more than two seconds to transition the machine back to standby mode.
5	Light Sensor
6	Remote Control Window
7	USB2.0

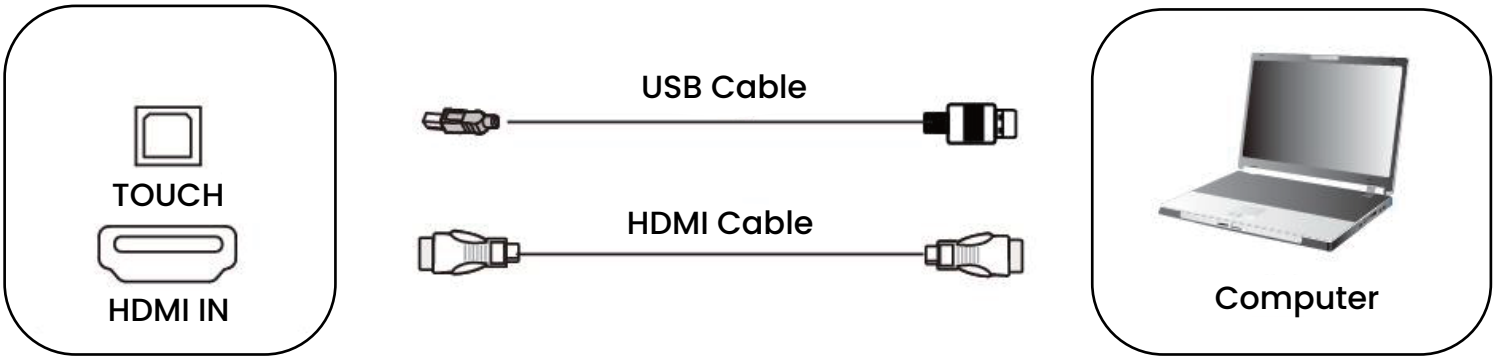
Port Guide



No	Plug	Function Description
1	HDMI IN	Supports high-definition multimedia interface (HDMI) signal input from computers and other video equipment.
2	USB2.0(A/PC)	Connect USB devices such as a portable hard drive, USB flash drive, USB keyboard and mouse, etc. (can Switch with channel)
3	USB2.0(A)	Connect USB devices such as a portable hard drive, USB flash drive, USB keyboard and mouse, etc. (Only Android channel is available)
4	LAN	Includes a network port for connecting RJ45 terminals, enabling wired network connections.
5	TOUCH	Provides an output interface for touch signal connectivity.
6	RS232	Facilitates connection to a central controller via the RS232 port for managing system settings and controls.
7	AUDIO OUT	Allows for connection to devices with audio input capabilities, enhancing multimedia integration.

Connection

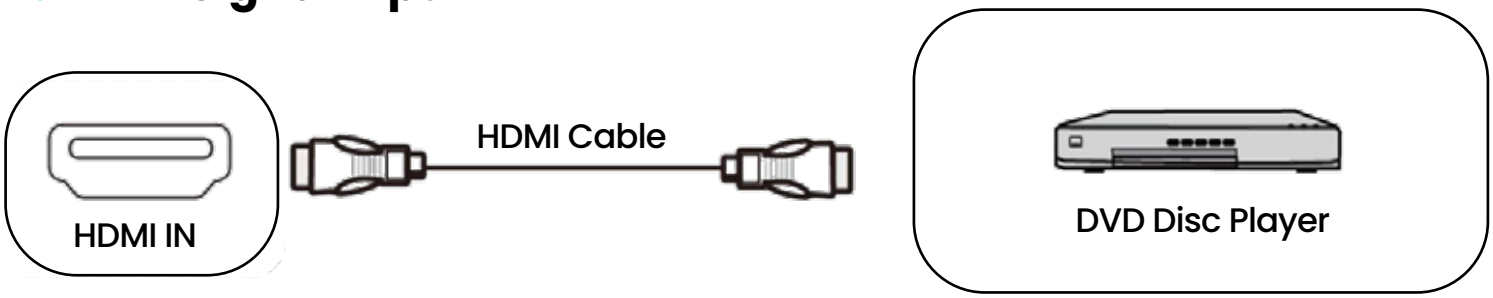
A. External Computer and Touch Connection



1. Connect the HDMI output port of the external computer to the HDMI port using an HDMI cable and attach the USB cable (Type-B to Type-A) to the USB port of the external computer.
2. Once the connection is established, plug in the power cable.
3. Power up the external computer.

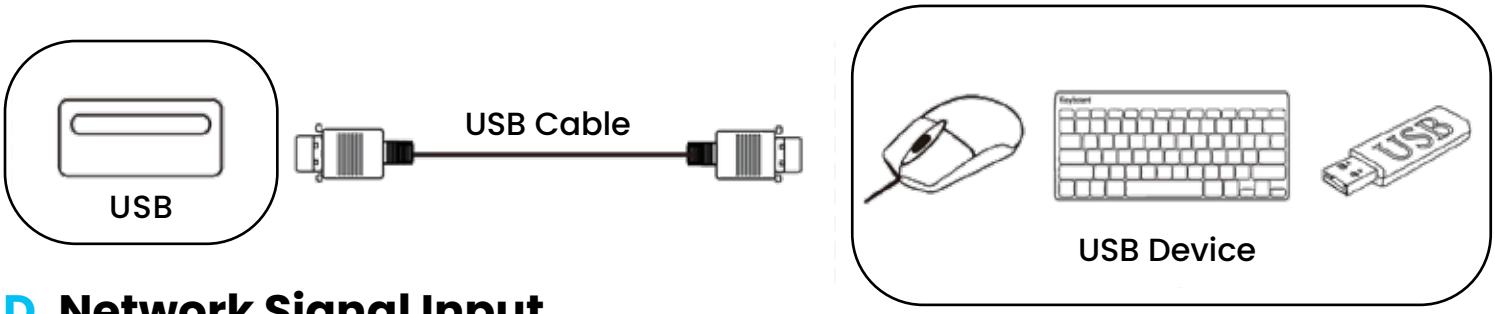
4. Press the power button to turn on the touch device.
5. Change the input source on the touch device to the HDMI channel.

B. HDMI Signal Input

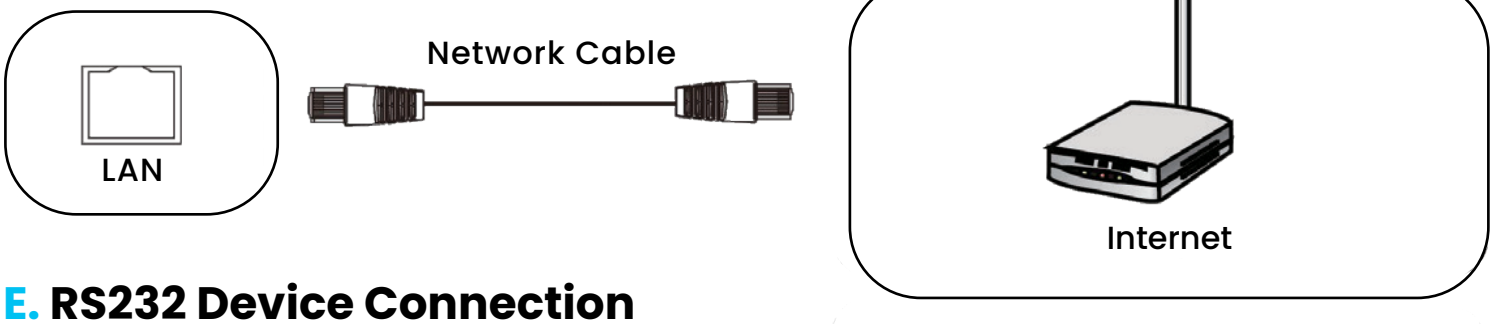


1. Use an HDMI cable to connect audio and video devices that have an HDMI output.
2. After securing the connection, plug in the power cable.
3. Press the power button to activate the device.
4. Switch the input source on the device's home screen to the HDMI channel.

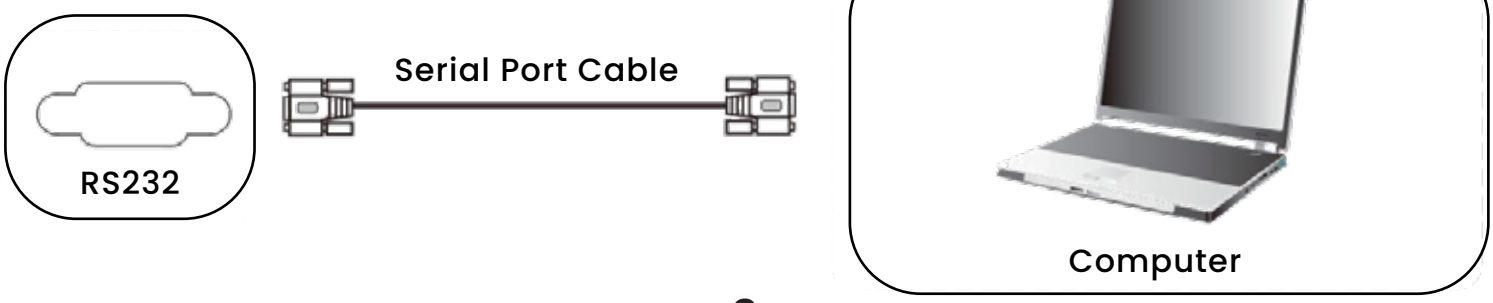
C. USB Input



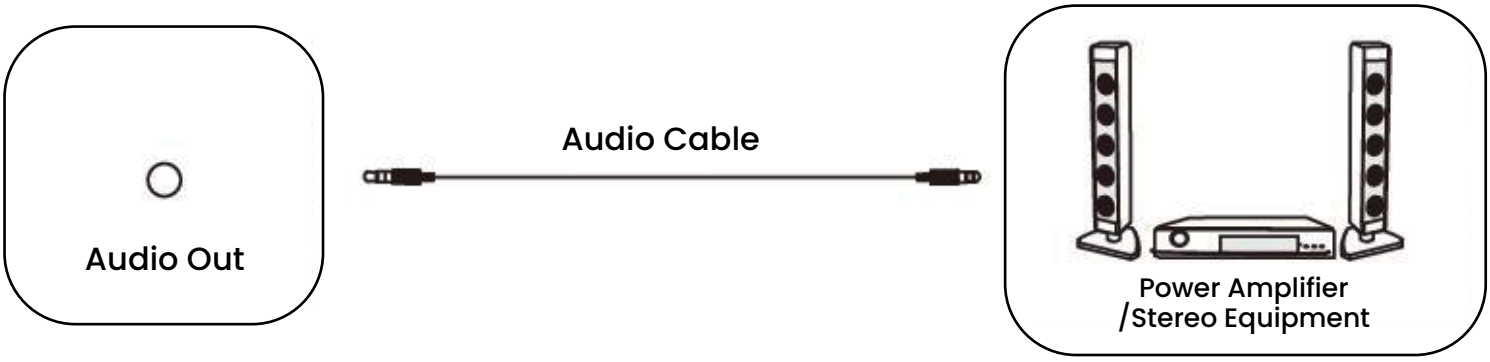
D. Network Signal Input



E. RS232 Device Connection



F. Audio Signal Output



FAQ

[1] Why does fog often appear on the screen?

To ensure screen safety, this product includes a layer of toughened glass on the outside of the screen to facilitate heat dissipation. A gap is maintained between the screen and the glass to allow for air convection. Fogging occurs due to a temperature differential between the inside and outside air, causing moisture to condense on the cooler glass surface. This condensation does not hinder the device's normal operation and typically dissipates after a few hours of use.

[2] Why do some devices in different rooms start slowly, while others start normally?

To determine the cause, ensure that the configuration and startup procedures are consistent across devices. If a device is slow, it could be due to a corrupted system disk, full memory, or external interference affecting its performance. For detailed troubleshooting, please contact our service hotline. A professional engineer will provide remote assistance and guidance.

[3] Why can't the multi-touch function be used on some devices?

The multi-touch function is not supported by older operating systems such as Windows XP. For Windows 7, only versions Home Premium and higher (including Professional, Enterprise, and Ultimate editions) support multi-touch capabilities.

[4] What can I use instead of a stylus to avoid scratching the screen?

If your device came with a limited-use stylus and you need an alternative, you can safely use your fingers for touch input. For longer-term solutions, consider purchasing a compatible stylus designed for touch screens.

[5] Regarding alternative objects for stylus use:

Using a limited-use stylus that will not scratch the screen is possible. You can replace it with similar products specifically designed for touchscreen use without damaging the screen. Screen body heating is a normal phenomenon, akin to household TVs, and does not adversely affect the device. Currently, our machine's heat dissipation system is robust, positioning us as leaders and standard setters in the industry, fully compliant with international health standards.

[6] Potential eye damage from long-term screen use:

This product significantly reduces flicker perception and thereby minimizes eye strain compared to similar products. This technology ensures a safer viewing experience over extended periods.

Troubleshooting

[1] Automatic Shutdown

a. Verify the input source channel. If no signal is detected, the device will automatically shut down.

b. Assess the stability of the power supply to ensure consistent operation.

[2] Inaccurate Touch Positioning

a. Ensure that the stylus or finger makes contact with the screen at a vertical angle of 90 degrees.

b. Inspect the screen for obstructions, such as paper strips or sleeves, that may affect touch sensitivity.

[3] Touch Function Issues

a. For setups using an external computer, verify that the external touch cable is properly connected.

b. If the device has an integrated computer, ensure that necessary software is installed to facilitate touch functionality.

Maintenance

1. Proper maintenance can prevent simple malfunctions.
2. Regular and thorough cleaning maintains the machine's appearance and operational efficiency.
3. Always unplug the device before cleaning or performing maintenance to avoid electrical shock.
4. To clean the screen:

4.1 Prepare a solution by mixing a small amount of non-corrosive screen cleaner with warm water, stirring thoroughly.

4.2 Saturate a soft cloth completely with the mixture.

4.3 Gently wring the cloth and then wipe the entire screen surface.

4.4 Repeat the wiping process.

Warning: Ensure no water droplets penetrate the equipment during cleaning.

5. Cleaning the Face Frame: Please use a dry, soft, lint-free fabric or towel.
6. When storing or not using the equipment for an extended period, ensure to unplug and disconnect the power supply to protect against damage from power surges and other external electrical influences.

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**
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