

# VTH Smart Collaboard



## User Manual



RoHS



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Welcome to Use  
VTH Smart Collaboard

# Part I: Safety Warning



## 1. Place

Do not place heavy objects on Collaboard  
Do not insert any objects into Collaboard;  
Do not place Collaboard next to equipment with strong radiation;  
Do not place Collaboard in a damp or dripping place;  
Do not place Collaboard in a place that is unstable, easy to tilt or fall;  
Do not place Collaboard near direct sunlight or other strong light sources.



## 2. Power

During thunder and lightning weather, please unplug the power cord; do not subject the power cord to physical or mechanical damage; please check and make sure that the ground wire of the AC power cord is connected;  
Please use a dedicated power cord, do not modify or extend the power cord; when there is no one in the room or will not be used for a long time, please unplug the power cord;  
Please check and ensure that the voltage value of the nameplate on the rear shell matches the main supply voltage value.



## 3. Screen

When you need to clean, please unplug the power plug first; please wipe the screen with a soft, dust-free and dry cloth; do not clean the screen with water or spray cleaners;  
Do not display high-brightness pictures on the screen for a long time; do not use hard or sharp objects to write on the screen.



## 4. Temperature

The normal working temperature of Collaboard is 0~40°C;  
Do not place Collaboard near heating objects such as electric heaters or radiators or other heat sources;  
When Collaboard is moved from a low temperature area to a high temperature area, in order to allow the condensation inside Collaboard to fully dissipate, please leave it for a while before turning it on.



## 5. Humidity

Do not expose Collaboard to rain, humidity or places close to water; Please keep the room dry and cool, and the normal working humidity of Collaboard is 10%~90%RH.



## 6. Ventilation

Please place Collaboard in a ventilated place to ensure good heat dissipation;

Ensure that the space above the left and right and the rear 10 cm, and the top 20 cm of the whole machine is ventilated.



## 7. Standby

The standby button on the fuselage allows Collaboard to be in a standby state without shutting down Collaboard completely.



## 8. Battery

Discarded batteries after use of this machine must be properly disposed of and recycled;

Do not allow children to touch the battery, and do not throw the battery into a fire to avoid danger.



## 9. Cleaning requirements

The rear case of this product has heat dissipation holes. When cleaning, please do not spray or pour liquid directly on the rear case, or use a damp cloth to clean it.



## 10. Description of switch status

The product's mechanical switch "1" means power-on state, "0" means power-off

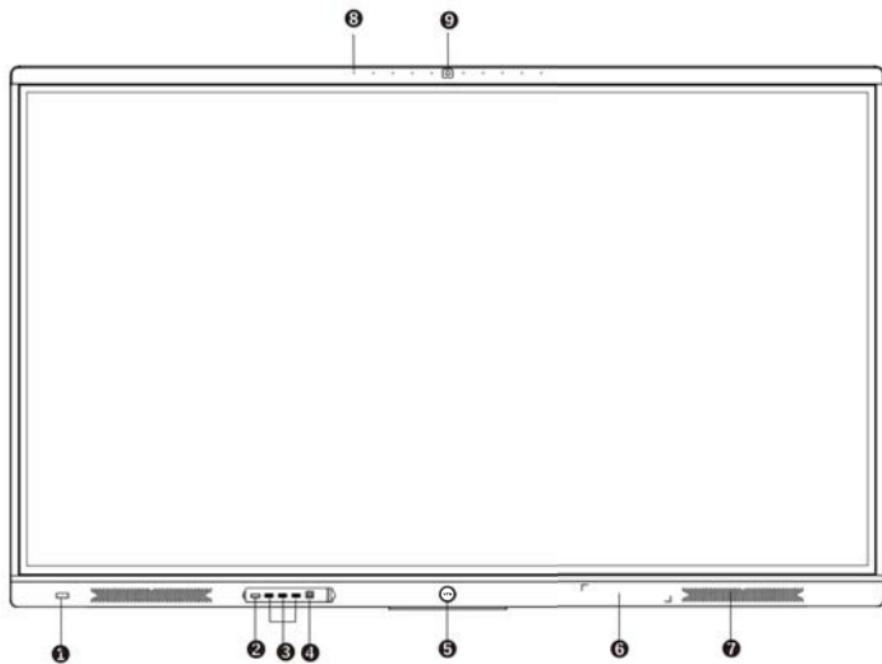


## 11. Maintenance precautions

Please find professional service personnel for all repairs.

When the device is damaged, such as the power cord or plug is damaged, liquid splashed or objects fall into the device, the device is exposed to rain or damp, or fails to operate normally, or falls to the ground, please contact the supplier. Please do not dismantle the device for maintenance.

# Part II: Outward



Code	Feature Description
1	Remote control signal receiving interface
2	Front HDMI interface
3	USB interface, for insert mobile hard disk, U disk, USB mouse and keyboard, etc.
4	Front TOUCH interface
5	Power button,  Press to enter energy saving mode. Long press for more than 2 seconds to enter the standby state or shut down
6	Stylus adsorption area
7	Audio output
8	8 array microphones
9	HD Camera

# Part III: FAQ



## **(1) Why does fog often appear on screen?**

In order to ensure safety of screen, this product adds a layer of tempered glass to outside of screen, and in order to ensure heat dissipation, there must be a certain gap between two, which is used to reserve air channels for air convection.

main cause of fog is that there is a temperature difference between screen temperature and outside temperature, and hot air condenses on glass surface with a lower temperature to produce water fog. Water mist generally does not affect normal use. mist will slowly evaporate and disappear after half an hour of use.



## **(2) Why do devices in different environments have different startup times?**

Under normal circumstances, if device is poisoned by an external USB flash drive, Internet access, or hard disk space is full, or system disk is damaged, slow booting will occur. Professional engineers will judge and guide you to solve problems remotely.



## **(3) There is no sound from external laptop device?**

If it is a VGA cable connection, it is only for image transmission, and then an audio cable needs to be connected. Similarly, only connecting audio cable will not produce sound. You need to connect VGA cable to recognize VGA channel or you can choose HDMI cable connection.



## **(4) With limited touch pens, what can replace touch pen book for flexible writing without scratching screen?**

You can temporarily use your fingers instead of writing, and you can re-purchase if necessary.



**(5) Is it normal to feel that screen body is overheated after using it for a period of time? Does it matter?**

It is normal for screen to heat up, just like a TV at home, it will generally not have any adverse effects. At present, heat dissipation design of our whole machine is in leading position in industry, is industry standard setter, and complies with international health standards.



**(6) Will long-term use cause damage to eyes?**

human eye's recognition of flicker is 50Hz. human eye can perceive it below 50Hz, and eye muscles constantly adjust to adapt to flicker causing eye fatigue. This product uses a 60Hz liquid crystal display, so human eye can actually not feel flicker of screen. Compared with other similar products, it can Relieve eye fatigue.



**(7) Why network signal poor?**

Please check back of screen, on mini-computer host, whether antenna is well connected.

# Part IV: Trouble Shooting



## A. Automatic shutdown

- 1>Whether sleep function is turned on, refer to ordinary computer inspection items for troubleshooting;
- 2>Check channel where input source is located, no signal will cause automatic shutdown;
- 3>Check stability of power supply.



## B. Indicator light does not light up

- 1>Check whether power supply is normal;
- 2>Check whether rocker switch of conference panel is turned on.



## C. Indicator light is red and cannot be turned on

Please unplug all external connection wires and restart after 15 minutes of power failure.



## D. Image lacks color and color is abnormal

If using an external computer, check whether VGA cable is not connected well or is damaged.



## E. Display screen is not full or out of range

- 1>Check whether resolution is best 16:9 resolution;
- 2>If using an external computer, adjust AUTO switch when plugging in or unplugging VGA cable.



## F. Device has a picture but no sound

- 1>Please try to adjust volume;
- 2>If meeting is using an external computer, check whether audio cable is connected correctly.



## G. Inaccurate touch positioning

- 1>Check whether touch pen or finger is touching screen vertically at 90 degrees;
- 2>Check if there are other items touching screen, such as small paper strips and sleeves.

# Part V: Maintenance



## **Simple maintenance**

Correct maintenance and maintenance can avoid some simple faults; Regular and careful cleaning can keep the machine in good appearance and running state; please unplug the power plug before cleaning and maintenance to prevent electric shock.



## **Clean the screen**

- 1>Please mix a little fabric softener or cleaning agent with warm water and stir evenly;
- 2>Please use a soft cloth to completely soak in this mixture;
- 3>Please wring out the soft cloth and wipe the screen of the whole machine;
- 4> Repeat wiping (note that no water droplets enter the inside of the device when wiping the device) to complete the cleaning step.



## **Clean the face frame**

Please use a dry, soft, lint-free fabric or towel to wipe.



## **Leaving or not using the device for a long time**

When placing or not using the device for a long time, be sure to unplug and disconnect the power supply to prevent damage to the device due to external power fluctuations such as lightning.

# Special statement

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## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could 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 into 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.