

Note: All the pictures in this manual are for reference only, subject to our available products.

# Interactive Intelligent Panel

## User Manual

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# Safety Warning

Before operating, please read this manual thoroughly, and keep it for future reference.

Image shown in this manual is indicative only. There may be differences between the pictures and the actual product, please prevail in kind.

## Placement

DO NOT put heavy objects on top of the unit.

DO NOT put the unit near appliances that generate magnetic fields.

DO NOT expose the unit to direct sunlight and other sources of heat.

DO NOT place the unit on an unstable cart, stand, tripod, bracket, table, or shelf.

DO NOT put any liquid near or on the unit, make sure do not spill any liquid inside the unit.

## Power Supply

Please keep power cable from physical or mechanical damage.

Please check and ensure AC source is connected with the ground.

This power cable comes with the device exclusively for this device only.

Please unplug power supply when the weather is thunder-storm or lightning.

Check that the unit's operating voltage is identical with your local power supply.

Please use the original power cable from the accessory bag, don't modify or lengthen it.

Please unplug power supply, when there is nobody home or the unit will be in idle for a long time.

The product is a CLASS I device. Please use the power cable delivered with the device. Before powering on the system, ensure that the power supply system is properly grounded. If the product is not grounded, there may be a risk of leakage, abnormal function, or performance degradation.

## **LED Screen**

Unplug the power cable before cleaning.

Clean the screen with a soft, dustless and dry cloth.

For deep clean, please contact an authorized service center.

Never use water or the spray type detergent to clean the unit.

Never use any other hard or sharp object to replace the touch pen.

Better for the panel lifetime and the display performance, do not display high brightness image for long time.

## **Temperature**

Normal operating temperature is 0 ~ 40°C.

Do not place the unit near or over a radiator or a heater.

If your unit is suddenly moved from a cold to a warm place, please unplug the power cable and do not turn it on at least 2 hours, making sure the moisture inside the unit is all evaporated.

## **Humidity**

Do not expose the unit in rain, or place in high humidity area. Please make sure indoor environment is dry and cool. Normal operating humidity is 10%~90%RH.

## **Ventilation**

Please put the unit in a well-ventilated place, so the heating can be released easily.

Ensure that the unit has enough space for ventilation. Space requirement: left, right and back >10cm, top> 20cm.

## **Earphone**

Before using earphone, please turn down the volume in advance. Using the earphone to listen loud sound for a long time might affect the hearing.

## **Standby**

It will enter standby mode but not turn off the unit after press the standby key.

## **Battery**

Please make sure the battery gets proper disposal or recycle after using.

Please keep the battery away from kids and don't throw the battery into fire.

Caution risk of fire or explosion if the battery is replaced by an incorrect type.

## **Notes for Cleaning**

There are vents on back cover, please do not use any liquid or spray directly during cleaning.

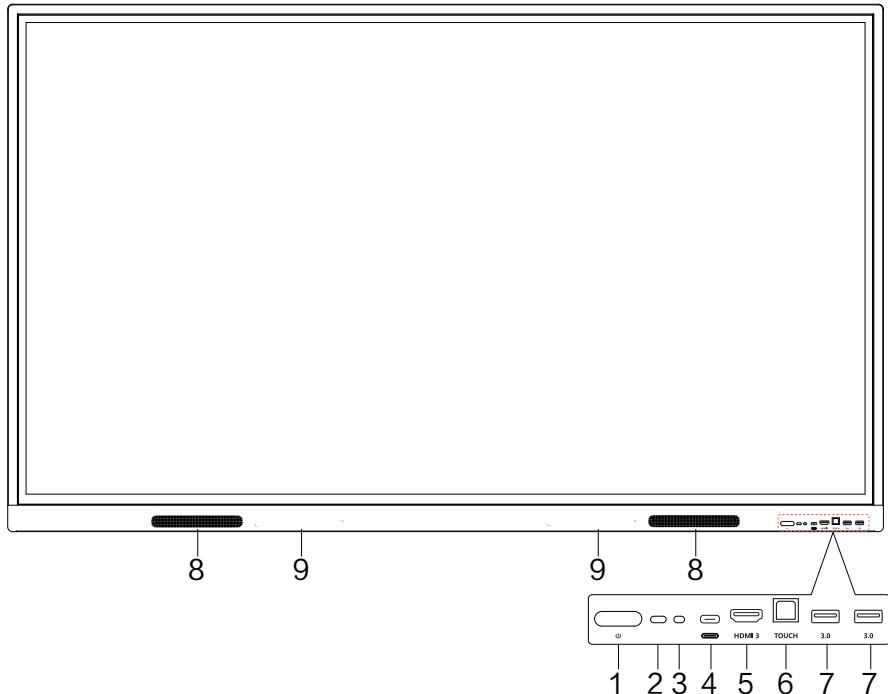
## **Power Switch Status Signs**

“I” means power on, “O” means power off.

## **Notes for Maintenance**

This machine can only be maintained by certified engineer.

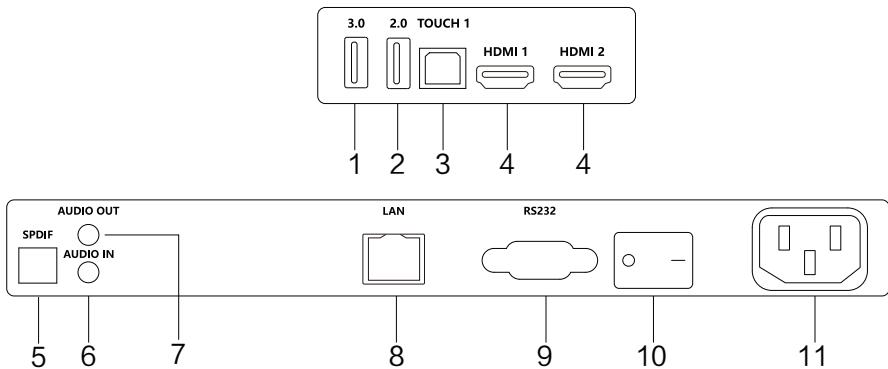
# Prepare to Install



No.	Items	Function description
1	⊕	Tap to enter energy-saving, press at least 2 seconds to enter standby mode.
2	Remote control signal receiver	Receive the remote signal.
3	Light Sensor	Identify the brightness of ambient light.

4	USB Type-C	Supports USB functionality only, does not support fast charging and screen mirroring.
5	HDMI 3	High-definition multimedia interface signal input, connect to devices with HDMI output interface (personal computer with HDMI output, set-top box, or another video device).
6	TOUCH	Touch signal output to the external computer.
7	3.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
8	Loudspeaker	Amplify audio.
9	Magnetic zone	Area for placing the absorptive magnetic pen.

# Terminal Interface



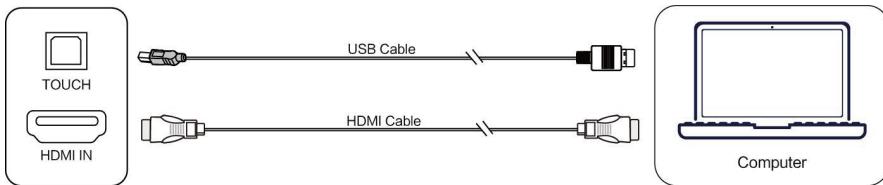
No.	Items	Function description
1	3.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard , mouse, USB drives, etc.
2	2.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard , mouse, USB drives, etc.
3	TOUCH 1	Touch signal output to the external computer.
4	HDMI 1/2	High-definition multimedia interface signal input, connect to devices with HDMI output interface (personal computer with HDMI output, set-top box, or another video device).

5	SPDIF	Carry multichannel sound via optical signals.
6	AUDIO IN	External audio sources input.
7	AUDIO OUT	Audio output to the external speaker.
8	LAN	Connected to Ethernet.
9	RS232	Serial interface, used for mutual transfer of data between devices.
10	AC SWITCH	To open or shut down AC power supply. “I” means power on, “O” means power off.
11	AC IN	AC power input, connecting AC power supply.

# Connection and Setting

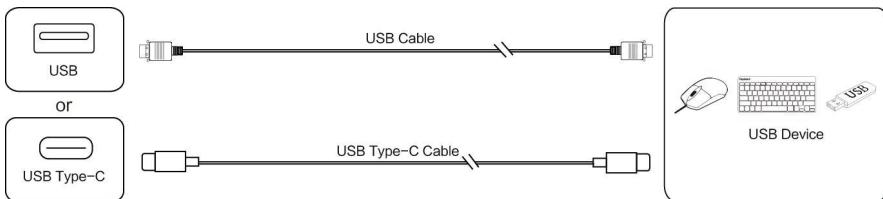
⚠ For the safety of you and the machine, please do not connect any power plug before connection.

## (1) External Computer and Touch Connection

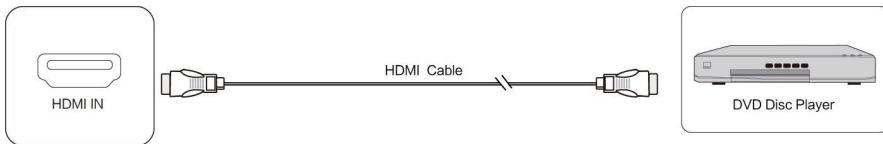


- 1) Use HDMI cable to connect to HDMI output port of external computer and use USB cable to connect to external computer USB port.
- 2) After cable connection, plug in power cord, and switch power on.
- 3) Start external computer.
- 4) Press **U** key, and the equipment is power on.
- 5) Switch the input source to the HDMI channel in the main menu.

## (2) USB Connection

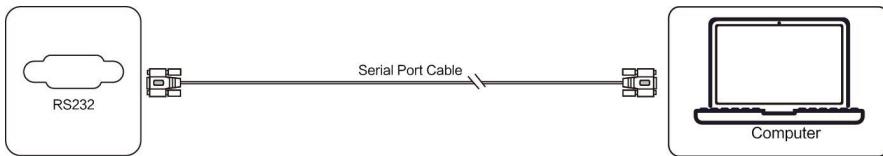


### (3) Audio and Video Equipment



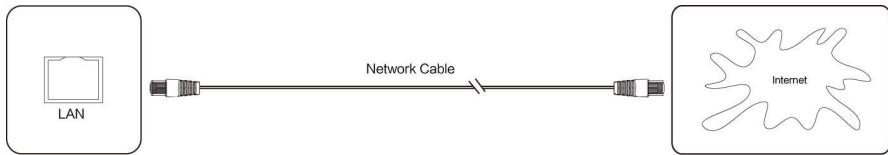
- 1) Use HDMI cable to connect audio and video equipment with HDMI output.
- 2) After cable connection, plug in power cord, and switch power on.
- 3) Press **⊕** to turn equipment on.
- 4) Switch the input source to the HDMI channel in the main menu.

### (4) RS232 Connection

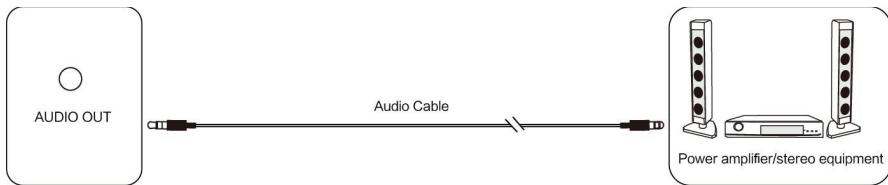


After using serial port cable to connect central control equipment and machine, certain function of the machine can be controlled via central control equipment, such as: machine ON/OFF, and adjustment of sound volume, etc.

## (5) LAN Connection



## (6) AUDIO OUT Connection



# Simple Troubleshooting

## Machine Fails to Work Normally

Machine automatically shut down	Whether set sleep or not.
	Check whether there is sudden power outage.
	The system will automatically shut down if the interactive intelligent Panel's external channel loses signal for 5 minutes.
	Please check the input and connection of the signal.

## PC Mode

Signal out of range	Check whether display is set correctly.
	Check whether resolution is the best resolution.
	Adjust line and field synchronization in menu.
Background has vertical lines or streaks	Select automatic correction in menu.
	Adjust clock and phase position in menu.
Image lack of color, color is incorrect	Adjust chromatic and brightness or contrast in menu.

Display format that is not supported	Select automatic correction in menu.
	Adjust clock and phase position in menu.

## Touch Function

Touch function invalid	Check whether the size of article touched is comparable with finger.
Touch positioning not correct	Check whether touch pen is facing the screen.

## Video Function Can't Work Normally

No picture and no sound	Check whether the machine is started state.
	Check whether signal wire is well plugged, whether INPUT is corresponding to it.
	If in internal computer mode, check whether internal computer is started.
With horizontal or vertical stripes or image dithering	Check whether signal wire is well connected. Check whether other electronic equipment or power tools are placed around the machine.

No color, color is weak, or image is weak	Adjust chromatic and brightness or contrast in menu.
	Check whether signal wire is well connected.

## Audio Function Can't Work Normally

With image but without sound	Check whether mute button is pressed for mute.
	Press VOL + / - to adjust volume.
	Check whether audio line is connected correctly.
Only one speaker has sound	Adjust sound balance in menu.
	Check whether computer sound control panel only sets up one sound channel.
	Check whether audio line is connected correctly.

# **Maintenance**

Proper maintenance can avoid many early faults and regular careful cleaning can make machine brand new.

Please unplug power plug before cleaning and maintenance, to prevent electric shock.

## **Clean Screen**

Please mix and stir even a little fabric softener or tableware detergent with alcohol.

Please use a soft cloth to be completely soaked in the mixture.

Please take out cloth and twist to half dry state to wipe machine screen.

Repeat for several times, pay attention not to squeeze water flow into machine when wiping machine.

## **Clean Face Frame**

Please use dry, soft, lint-free cloth to wipe front frame.

## **No Use of Machine for A Long Time**

In case of no use of machine for a long time, such as holiday, please make sure to unplug the plug to prevent any possible dangers caused by power supply ripple from lightning.



This symbol, affixed to the product or its packaging, indicates that the product must not be processed with household waste. It must be brought to an electric and electronic waste collection point for recycling and disposal. By the appropriate disposal of this product you also help in preventing potentially negative consequences for the environment and human health. The recycling of materials helps preserve our natural resources. For further information regarding the recycling of this product, please contact your municipality, local waste disposal centre or the store where the product was purchased.