USER MANUAL

ST-55-UHD-AND-L-004, ST-65-UHD-AND-L-004,
ST-75-UHD-AND-L-004, ST-86-UHD-AND-L-004

Speechi

Contents

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.

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.

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.

Control Panel

1. Prepare to Install
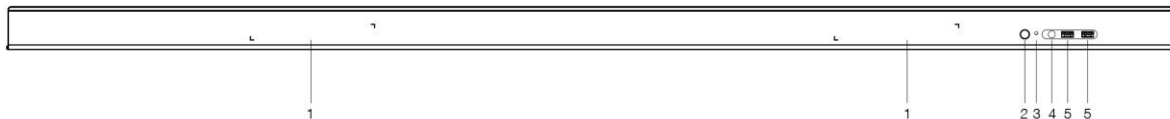
Number	Items	Function description
1	Magnetic zone	Area for placing the adsorptive magnetic pen
2	⏻	Tap to enter Energy Saving Function. Press at least 2 seconds to enter standby mode
3	Power Indicator Light	Open the power supply when the power indicator light is always normal
4	Remote control signal receiver	Receive remote control signal. Do not place any objects to block remote control receiving.
5	USB	USB interface of Android & PC system

2. Terminal Interface

55/65 inches
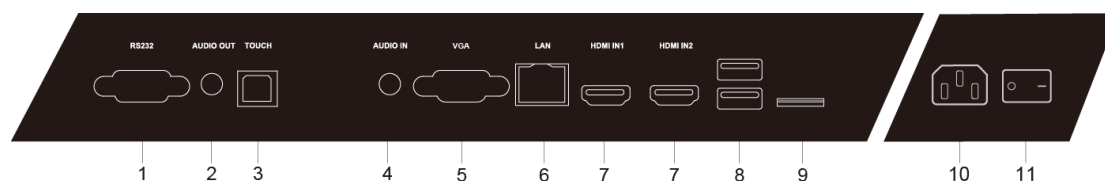
75/86 inches
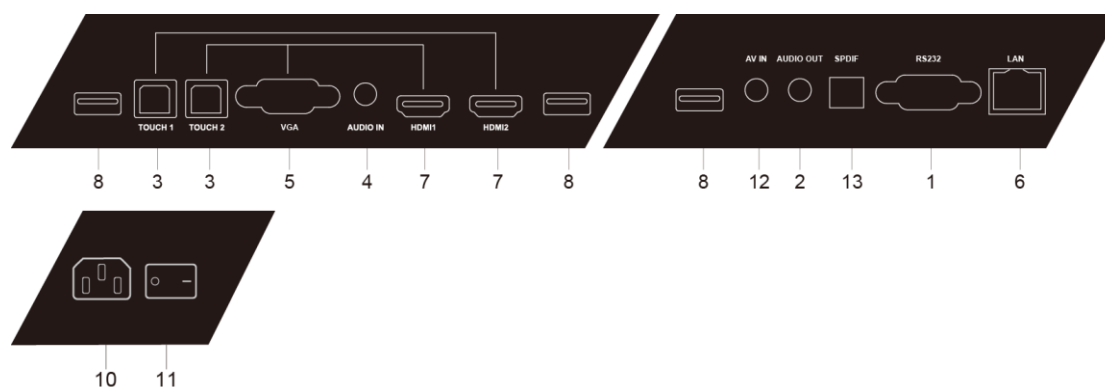
Number	Items	Function description
1	RS232	Serial interface, used for mutual transfer of data between devices
2	AUDIO OUT	Audio output to the external speaker
3	TOUCH	Touch signal output to the external computer
4	AUDIO IN	External computer audio input

5	VGA	External computer image input
6	LAN	Connecting RJ45 terminals
7	HDMI IN	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)
8	USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
9	TF Card	For extended memory
10	AC IN	AC power input, connecting AC power supply
11	AC SWITCH	To open or shut down AC power supply. "I" means power on, "O" means power off
12	AV IN	Composite video and audio input
13	SPDIF	Sony/Philips Digital Interface, which carries multichannel sound via optical signals.

3. Remote Control

### 1) Remote Control Button Instruction
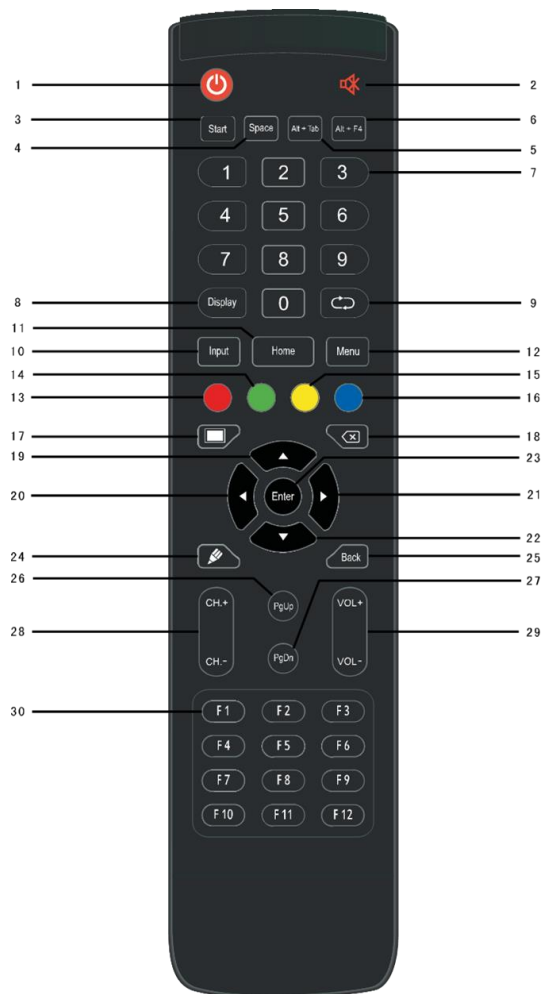
2) Detailed Function Description

1. ⏻ ：Power on/off

2. 🔇 ： Mute switch

3. Start：Built-in computer Windows key

4. Space：Built-in computer Space key

5. Alt + Tab ：Built-in computer space bar Alt + Tab

6. Alt + F4 ： Built-in computer program window close button

7. Numeric keys： Numeric input keys

8. Display：Display channel information

9. 🔁 ：Non-function

10. Input：Input signal source selection key, choose different sources according to need

11. Home：Android system main screen button

12. Menu：Setting menu button, press this button to pop up

13. Red：Lock and unlock Buttons and Touch function

14. Green：Lock and unlock Buttons function

15. Yellow：Lock and unlock Touch function

16. Blue：Freeze and zoom

17. ⬛ ：One key for blank screen

18. ⌫ ：Backspace key

19. ▲ ：Direction key, press this button for upwards selection

20. ◀ ：Direction key, press this button for left selection

21. ▶ ：Direction key, press this button for right selection

22. ▼：Direction key, press this button for downwards selection

23. Enter：Confirmation key, press this key to confirm selection state

24. ✏ ：Quickly start writing software

25. Back：Return key

26. PgUp：Built-in computer page (previous page)

27. PgDn：Built-in computer page (next page)

28. CH.+ \ CH-. ：Non-function

29. VOL+ \ VOL-: Volume switch key

30. F1-F12：Built-in computer F1 - F12 function keys

**NOTE: All computer - related function keys are not available without a built-in computer.**

3) Remote Control Instruction

Install Batteries

1) Open back cover of battery component on the back of remote control.

2) Install AAA type battery according to the corresponding electrode, make sure battery positive and negative pole are correct ("+"to"+", "-" to "-"), please do not mix using old and new batteries.

3) After having installed battery, close the back cover of battery components, and make the following clip buckled to the bottom.
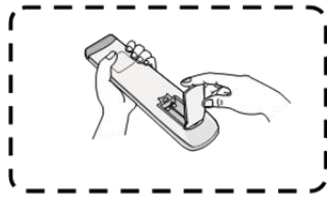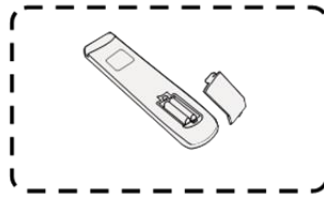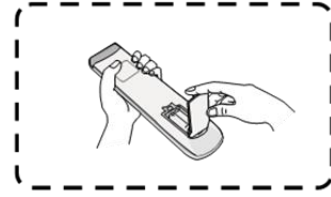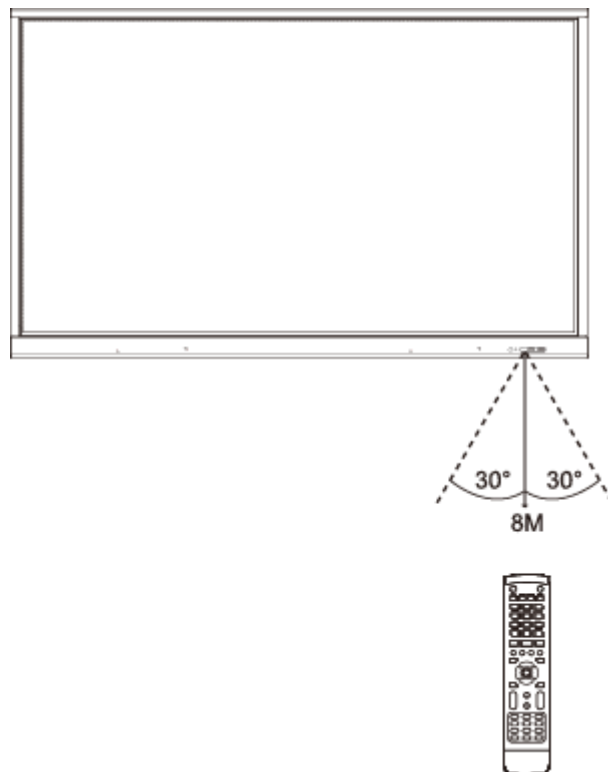

(1)   (2)   (3)

Range of remote control

Remote control can work normally within the range of 8 meters distance, 30 degrees left and right from the remote-control receiver; in order to protect environment, please dispose waste battery into recycling box.
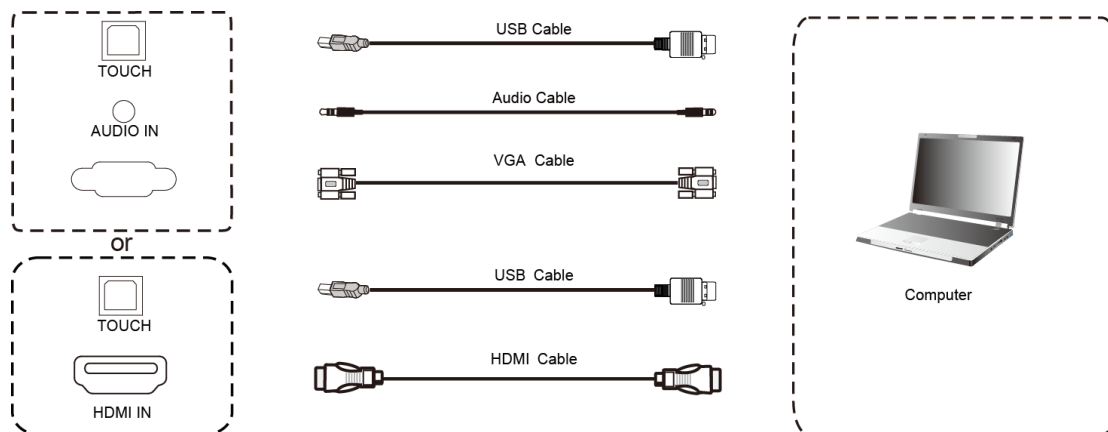
⚠ **Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.**

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 VGA cable to connect to VGA output port of external computer, and meanwhile use headphone audio cable to connect to external computer audio output interface. (Or use HDMI cable to connect to HDMI output port of external computer).

2) Use USB cable to connect to external computer USB port.

3) After cable connection, plug in power cord, and switch power on.

4) Start external computer.

5) Press ⏻ key, and the equipment is power on.

6) Press the INPUT key to switch to VGA/HDMI channel

⚠ **NOTE:**

External computer input, equipment's best resolution is 3840*2160.

External computer can also connect to the equipment through the HDMI cable.

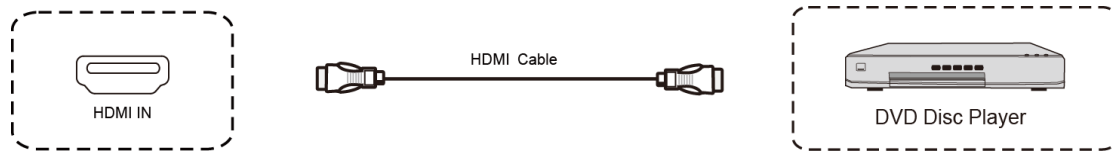Recommended computer configuration:

1GB Available Hard Drive

2.0GHz Processor, 1GB Memory

More than 256 color display cards

VGA OUT / HDMI OUT, Audio-OUT, USB Interface

Support Resolution 800*600,1024*768,1920*1080,3840*2160

2. Audio and Video Equipment

HDMI IN · HDMI Cable · DVD Disc Player

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.
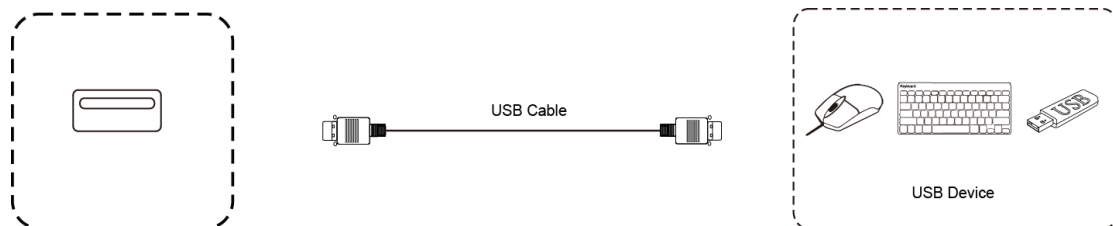
4) Press INPUT key to switch to HDMI port.

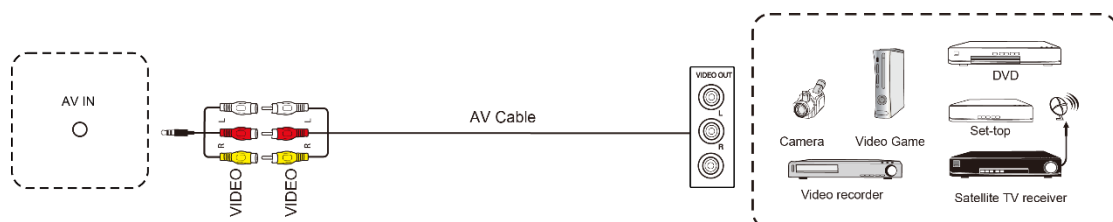## 3. Video Output Connection*

HDMI OUT · HDMI Cable · Projector
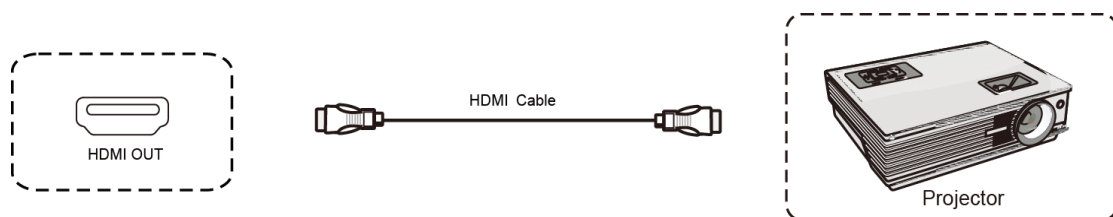
1) Use HDMI cable to connect display device with HDMI IN.

2) After cable connection, plug in power cord, and switch power on.

3) Press ⏻ to turn equipment on.

4) The connected display device outputs the current frame of the interactive intelligent Panel.

* Depending on model.

4. USB Connection

USB Cable · USB Device

5. AV IN

AV IN · AV Cable · VIDEO OUT · Camera · Video Game · DVD · Set-top · Video recorder · Satellite TV receiver

1) Use AV audio and video cables to connect audio and video equipment with AV output (yellow for video, red for right sound channel, and white for left sound channel).

2)	After cable connection, plug in power cord, and switch power on.

3)	Press ⏻ to turn equipment on.

4)	Press INPUT key to switch to AV port.
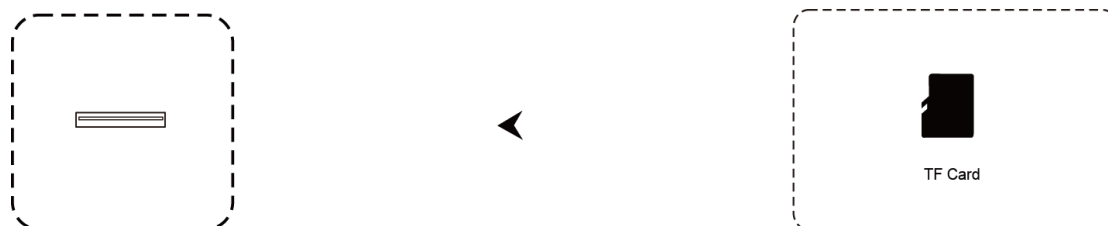
6. RS232 Connection
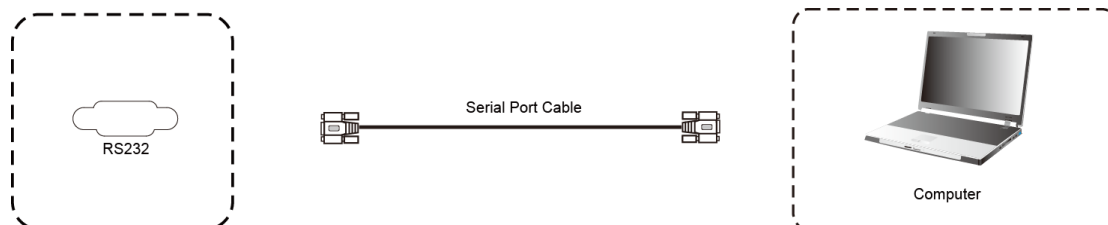
After using serial port cable to connect central control equipment and machine, certain function of the machine can be controlled via central control equipment, such as: machine ON/OFF, and adjustment of sound volume, etc.

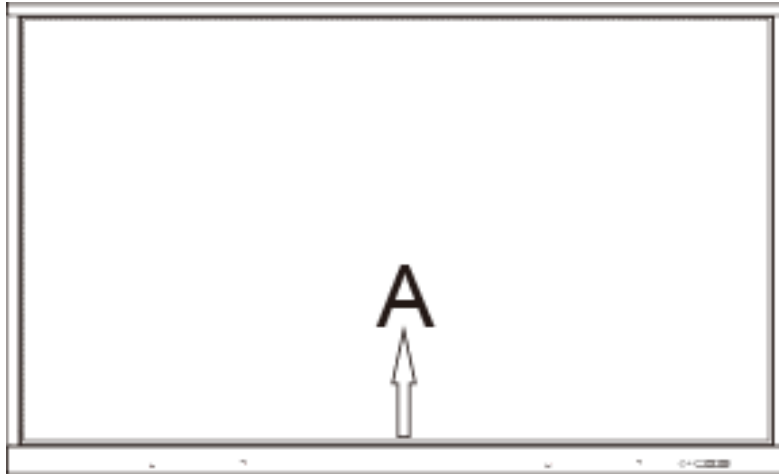## 7. LAN Connection
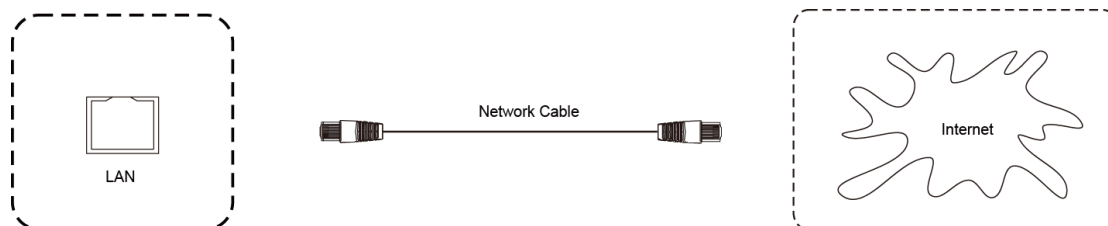
8. TF Card

Menu Operation

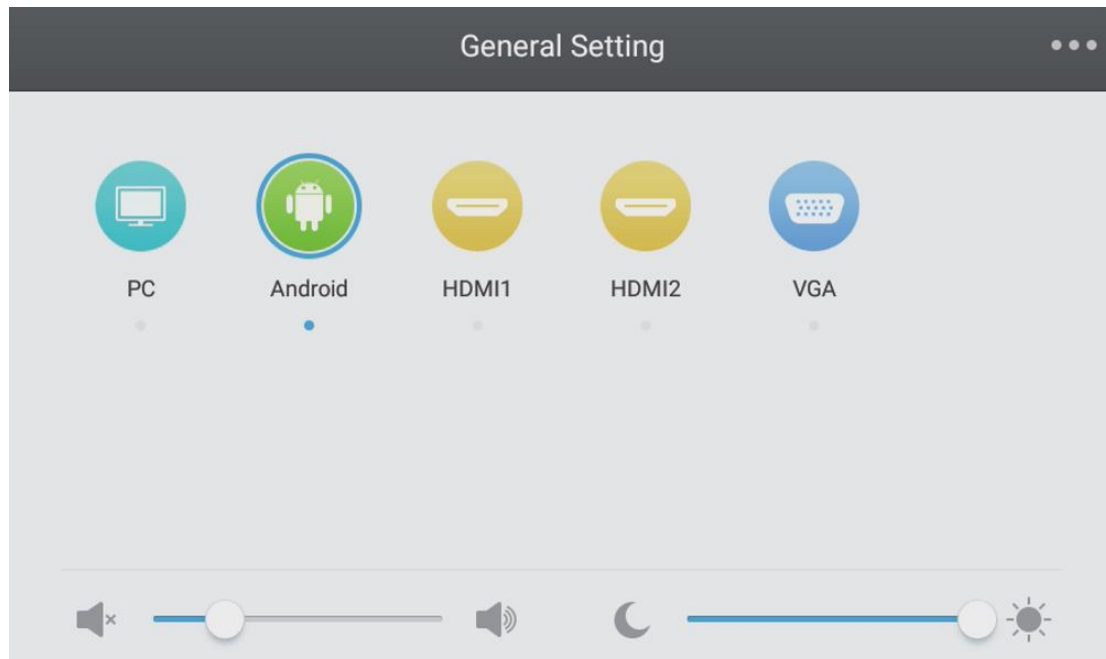## Touch Menu Operation

Call up Method

Take middle point position on the bottom of display screen as starting point, use touch pen to drag towards screen center position to call up touch menu, as shown below.

Note: "Touch A Method" mentioned in this manual to call up touch menu method is shown above.

Setting Menu

General Setting

- Press INPUT button on remote control or via touch A method to call up General Setting menu.
- Press ▼/▲/◄/► button on remote control to select the channel you need.

- Press the Enter button on remote control or directly click with touch pen to confirm selected input channel.
- Press return key on remote control or click blank area outside menu with touch pen to exit menu.
- Note: PC channel will only display when the equipment connects the built-in computer.

Detail Setting Menu

Press Menu on remote control or click the icon ●●● on General Setting menu with touch pen to call up detail setting menu. Detail setting menu includes Audio, Screen, Display and Adjust.

Audio

- Press ► button on remote control to select Audio setting menu.
- Press ▼/▲/◄/► button on remote control or directly click with touch pen to select the option.
- Press Enter on remote control to enter adjustment mode, and press ◄/► button or directly click with touch pen to adjust each option. Press Enter/Back to exit adjustment.
- Press Mute on remote control or directly click with touch pen to open or close mute state.
- Press Back on remote control or click blank area outside menu with touch pen to exit menu.

Screen
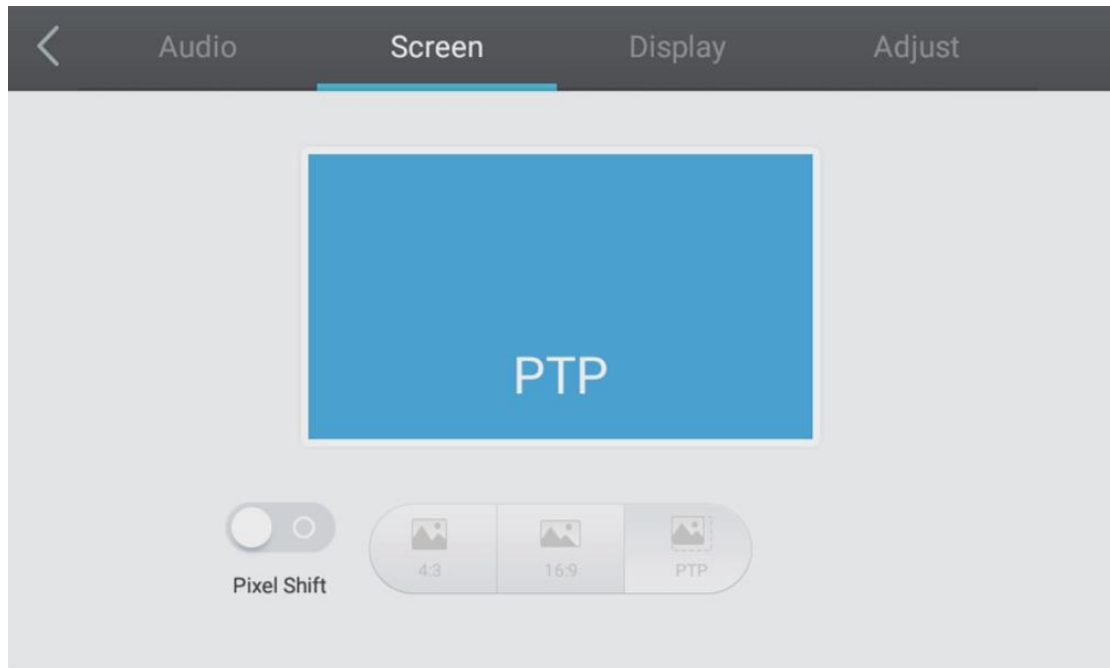
- Press ▶ button on remote control to select Screen setting menu.
- Press ▼/▲/◀/▶ on remote control or directly click with touch pen to select the option.
- Press Enter on remote control or directly click with touch pen to enter the selected mode.
- Press Back on remote control or click blank area outside menu with touch pen to exit menu.
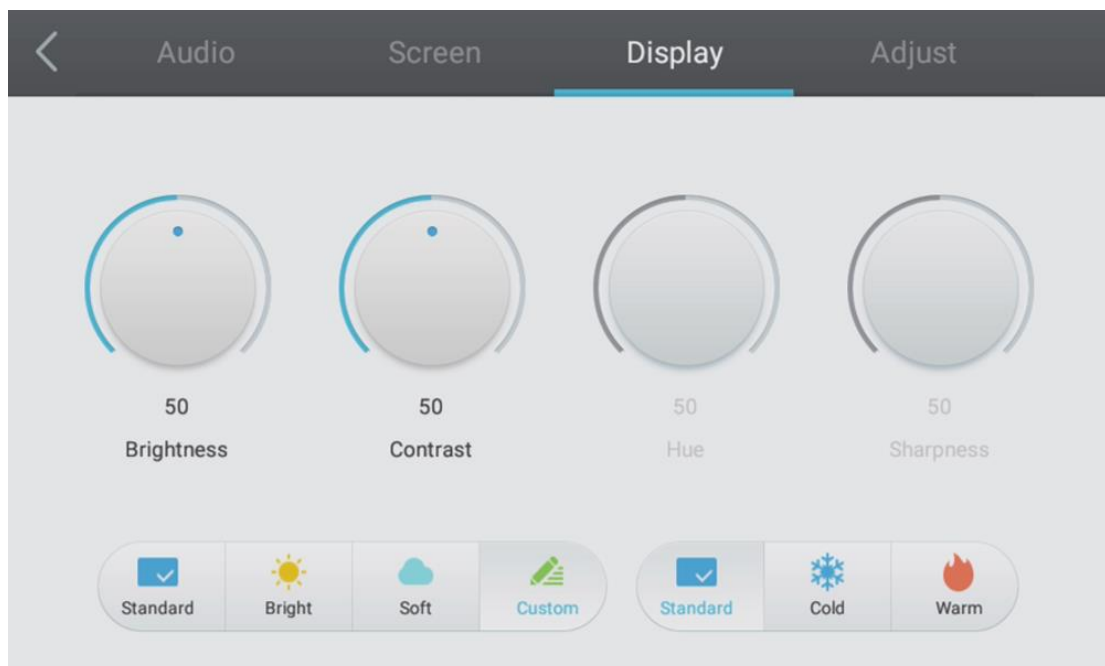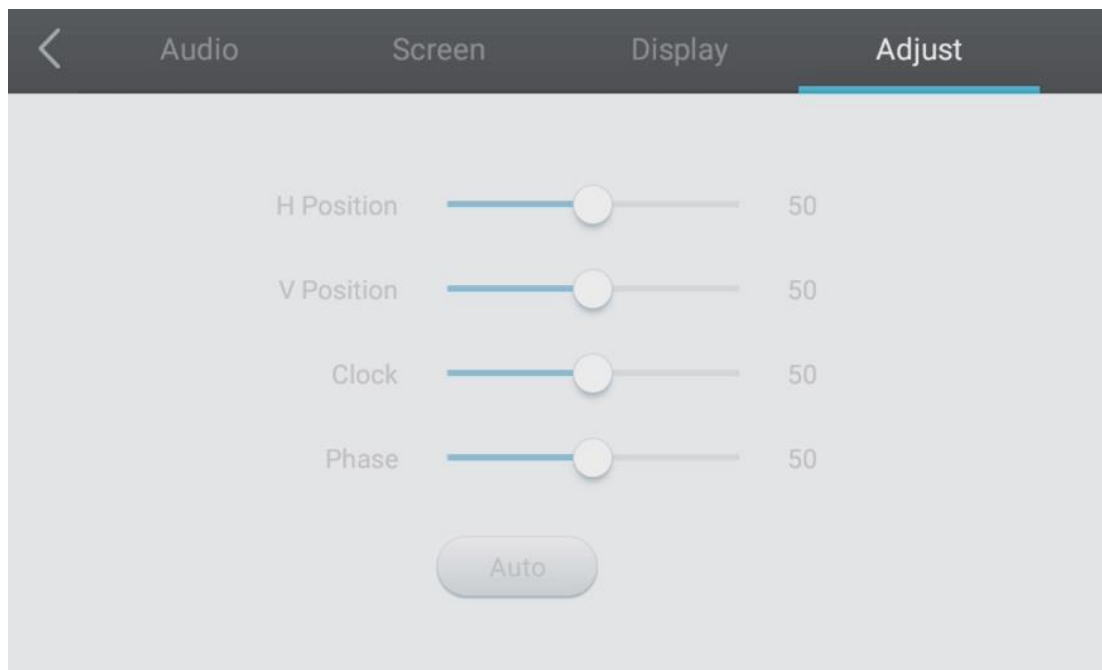
Display

- Press ▶ button on remote control to select Display setting menu.
- Press ▼/▲/◀/▶ button on remote control or directly click with touch pen to select the option.

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- Press Enter on remote control to enter adjustment mode, and press ◄/► button or directly click with touch pen to adjust each option. Press Enter/Back to exit adjustment.

- Press Back on remote control or click blank area outside menu with touch pen to exit menu.

Adjust

- Press ► button on remote control to select Adjust setting menu.

- Press ▼/▲/◄/► button on remote control or directly click with touch pen to select the option.

- Press Enter on remote control to enter adjustment mode, and press ◄/► button or directly click with touch pen to adjust each option. Press Enter/Back to exit adjustment. You can also click the "Auto" icon to adjust automatically.

- Press Back on remote control or click blank area outside menu with touch pen to exit menu.

Simple Troubleshooting

Machine Fails to Work Normally

Remote control failure	Check whether there are other objects between remote control and equipment control receiving window, thus leading to failure of remote control.
	Check whether the battery electrode in the remote control is correct.
	Check whether remote control needs to replace battery.
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	Check whether VGA is not well connected or has quality problem.
	Adjust chromaticity 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.
	Check whether signal wire is well connected.

With horizontal or vertical stripes or image dithering	Check whether other electronic equipment or power tools are placed around the machine.
No color, color is weak, or image is weak	Adjust chromaticity 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.
HDMI output without sound	Check whether connect external device.

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.