

L O F T

D2-Series Interactive Display User Manual



LOFT

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Safety Warning

Please read this manual thoroughly before operating and keep it for future reference. Images shown in this manual are indicative only. There may be differences between the pictures and the actual product.

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 and 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.
- The power cable comes with the device and is exclusively for this device only.
- Please unplug the power supply when there is thunder and 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 spray type detergent to clean the unit.
- Never use any other hard or sharp object to replace the touch pen.
- Do not display on high brightness for a long time to preserve the lifetime of the panel and the performance of the display.

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. Make sure the moisture inside the unit is 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 to ensure that heat is released easily.
- Ensure that the unit has enough space for ventilation. Space requirement: left, right and back >10cm, top > 20cm.

Earphone

- Before using earphones please turn down the volume in advance.
- Using the earphones to listen to loud sounds for a long time might affect hearing.

Standby

- Display will enter standby mode but not turn off the unit.

Battery

- Please make sure the battery gets proper disposal or is recycled after using.
- Please keep the battery away from kids and don't throw the battery into fire.

Notes for Cleaning

- Please do not spray anything into the vents located on the back of the display during cleaning.

Power Switch Status Signs

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

Notes for Maintenance

- This machine can only be maintained by a certified engineer.

FCC Statement

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. If not installed and used in accordance with the instructions, this product may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment causes 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:

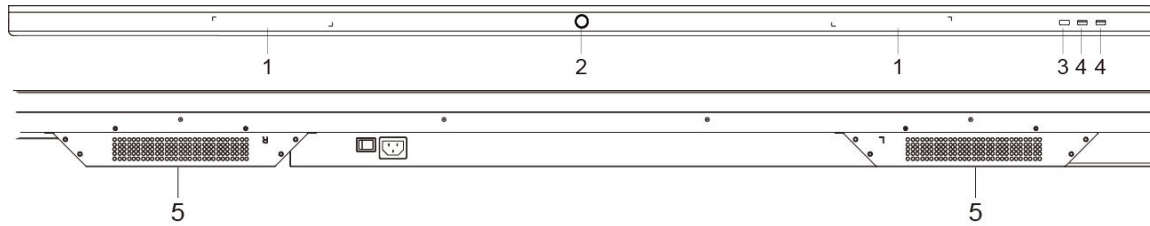
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.


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.

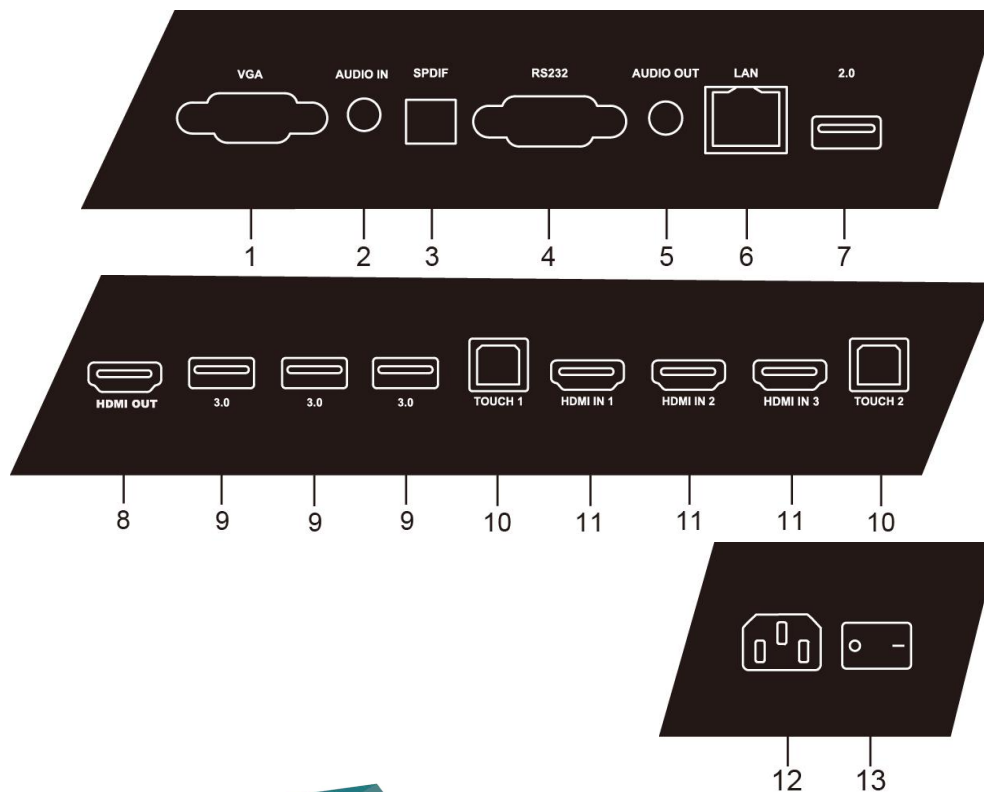
Control Panel

1. Prepare to Install



Number	Items	Function
1	Magnetic zone	Area for placing the magnetic pen
2		Tap to enter energy-saving, press at least 2 seconds to enter standby mode
3	Remote control signal receiver	Receives the remote signal
4	USB	USB interface for Android system
5	Bottom loudspeaker	Amplify audio

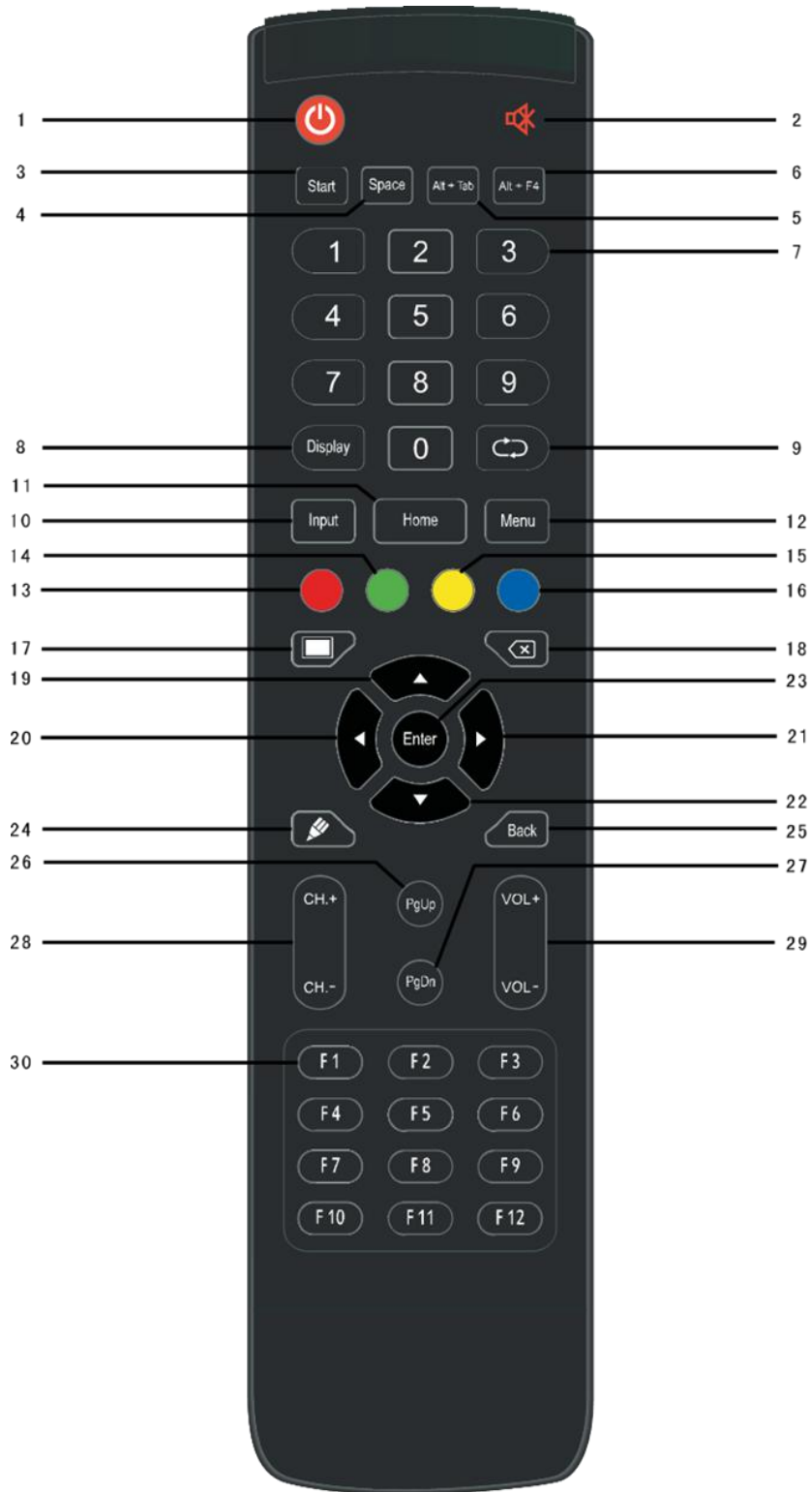
2. Terminal Interface













Number	Items	Function Description
1	VGA	External computer image input
2	AUDIO IN	External computer audio input
3	SPDIF	Carry multichannel sound via optical signals
4	RS232	Serial interface, used for mutual transfer of data between devices
5	AUDIO OUT	Audio output to the external speaker
6	LAN	Connect RJ45 terminals
7	2.0	USB 2.0, connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc
8	HDMI OUT	Connect to the devices with HDMI input function
9	3.0	USB 3.0, connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
10	TOUCH	Touch signal output to the external computer
11	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)
12	AC IN	AC power input, connect AC power supply
13	AC SWITCH	To open or shut down AC power supply. "I" means power on, "O" means power off

3. Remote Control

a) Remote Control Button Instruction



b) Detailed Function Description

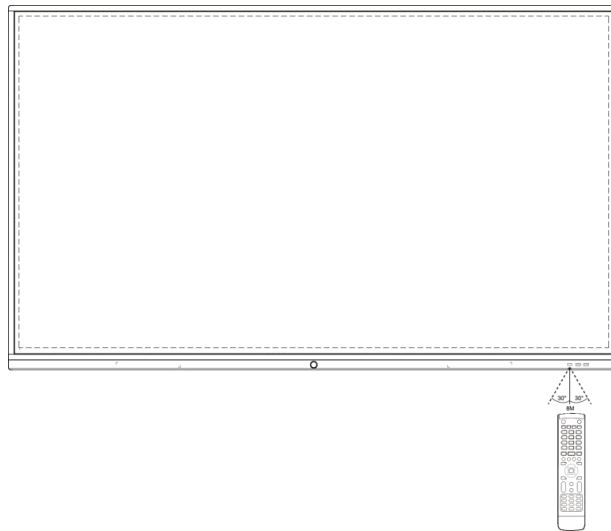
Number	Items	Function
1		Power on/off
2		Enter or exit mute mode
3	Start	PC's Windows key
4	Space	PC's Space key
5	Alt+Tab	PC's Alt+Tab key
6	Alt+F4	PC's Alt+F4 key
7	Numeric Keys	Numeric input keys
8	Display	Display channel information
9		/
10	Input	Pop up TouchMenu-General Setting
11	Home	Return to android system main screen key
12	Menu	Pop up TouchMenu-Audio
13	Red	Enable or disable Front keyboard and Touch
14	Green	Enable or disable Front keyboard
15	Yellow	Enable or disable Touch
16	Blue	Pop out or close the screen freezing tools
17		Turn off or turn on the screen backlight
18		PC's Backspace key
19		Press to scroll up
20		Press to scroll left
21		Press to scroll right
22		Press to scroll down
23	Enter	Confirmation key, press it to confirm selection state
24		Quickly start writing software
25	Back	Return to the last operating interface
26	PgUp	Page Up
27	PgDn	Page Down
28	CH.+ / CH.-	/
29	VOL+ / VOL-	Increase/reduce the volume
30	F1-F12	PC's F1 - F12 function keys

NOTE: All computer - related function keys are not available without a PC Module.

c) Remote Control Instruction – Install Batteries

- 1) Open back cover of the battery component on the back of remote control.
- 2) Install AAA type battery according to the corresponding electrode, and make sure the battery positive and negative poles are correct ("+"to"+", "-" to "-"), please do not mix using old and new batteries.
- 3) After the battery is installed, close the back cover of the battery components, and make sure the following clip is buckled to the bottom.

Range of remote control



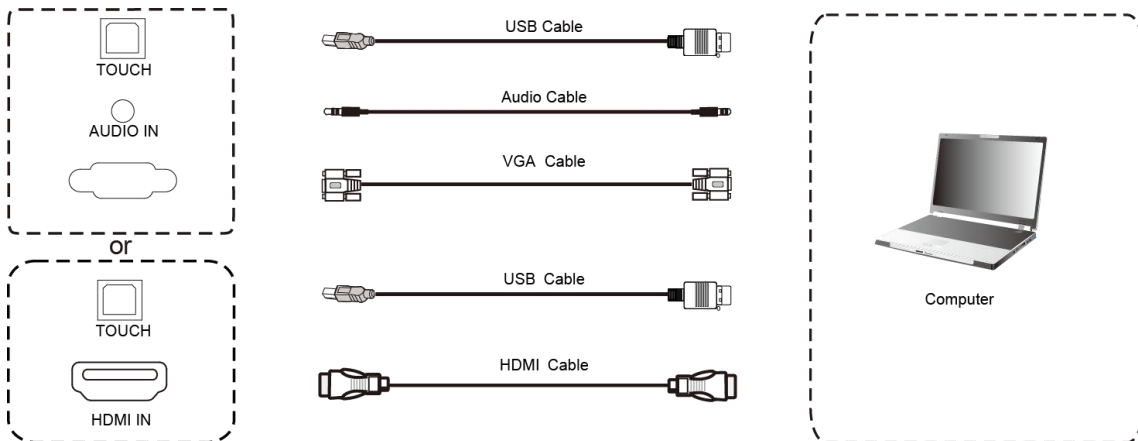
Remote control can work normally within the range of 8 meters distance, 30 degrees left and right from the remote-control receiver; in order to protect environment, please dispose waste battery into recycling box.


NOTE: If the battery is replaced by an incorrect type, it may lead to explosion.

Connection and Setting

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

1) External Computer and Touch Connection



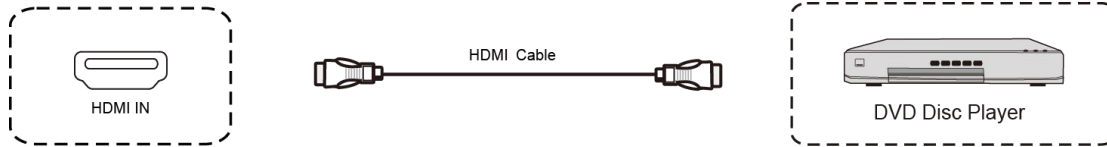
- a) Use the VGA cable to connect to the VGA output port of external computer, and use the headphone audio cable to connect to the external computer audio output interface (or use HDMI cable to connect to HDMI output port of external computer).
- b) Use the USB cable to connect to the external computer USB port.
- c) After cable connection, plug in the power cord and switch the power on.
- d) Start external computer.
- e) Press  key, and the equipment is power on.
- f) Press the INPUT key to switch to VGA/HDMI channel.


NOTE: External computer input, ideal resolution is 3840*2160.

Recommended computer configuration:

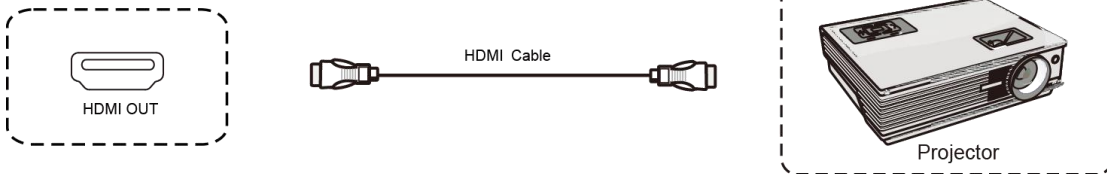
- 1GB Available Hard Drive
- 2.0GHz Processor, 1GB Memory
- More than 256 color display cards
- VGA OUT / HDMI OUT, Audio-OUT, USB Interface
- Support Resolution 800*600,1024*768,1920*1080,3840*2160


2) Audio and Video Equipment



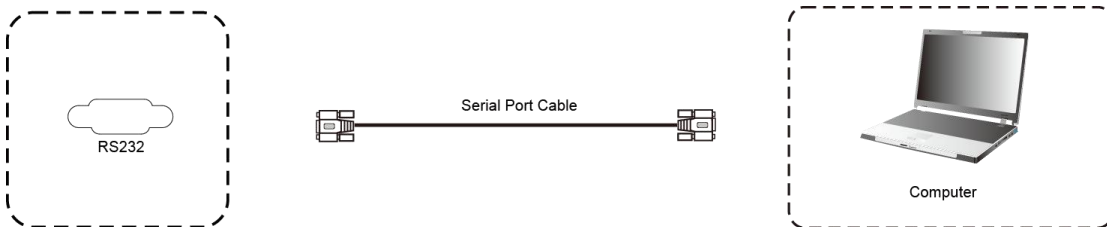
- Use HDMI cable to connect audio and video equipment with the HDMI output.
- After cable connection, plug in the power cord and switch the power on.
- Press  to turn equipment on.
- Press INPUT key to switch to HDMI port.

3) Audio and Video Equipment



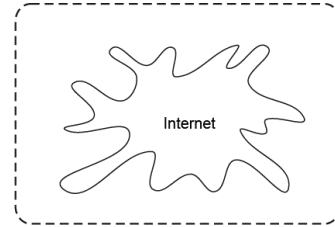
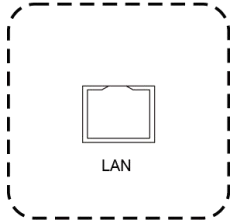
- Use HDMI cable to connect audio and video equipment with HDMI input.
- After cable connection, plug in the power cord and switch the power on.
- Press  to turn equipment on.

4) RS232 Connection

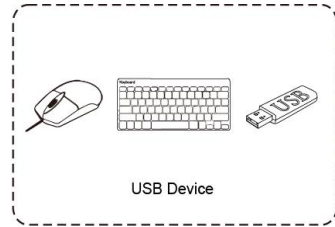
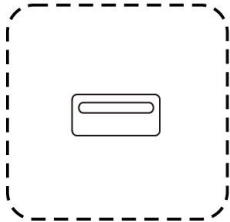


After using serial port cable to connect the central control equipment and the machine, certain functions of the machine can be controlled via central control equipment. This includes machine ON/OFF and adjustment of sound volume, etc.

5. LAN Connection



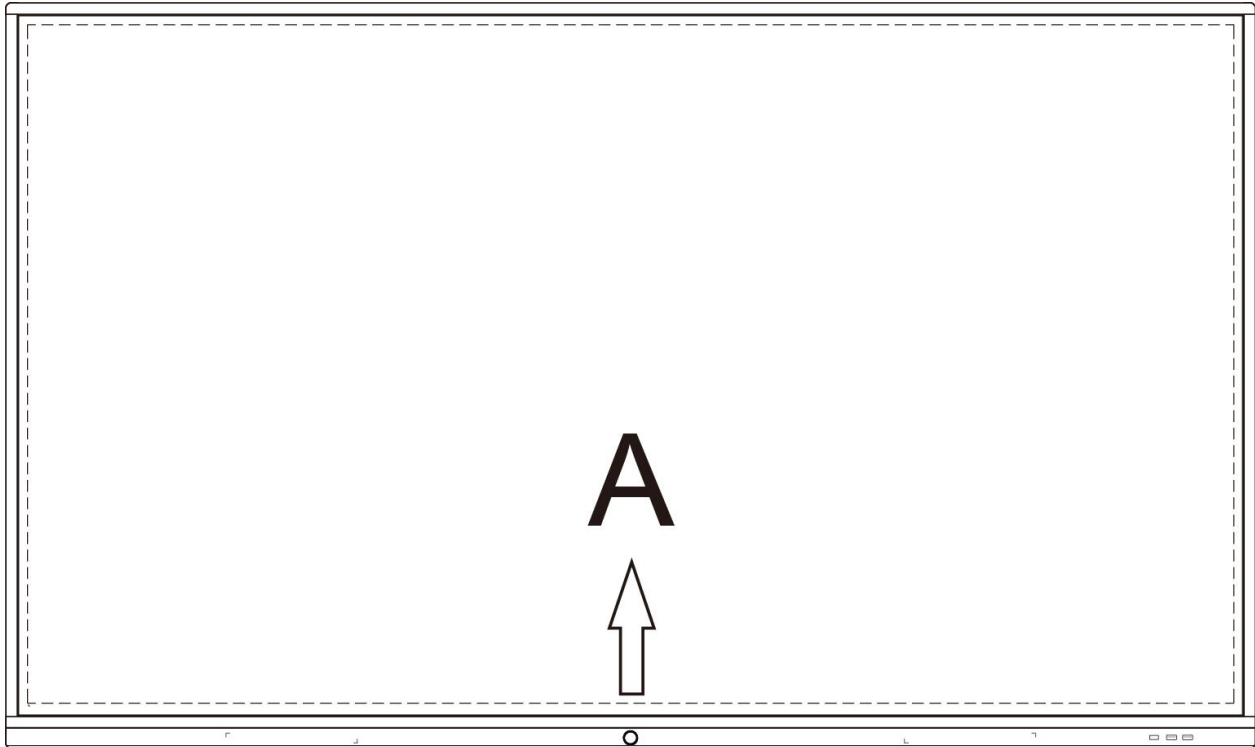
6. USB Connection



Menu Operation

Touch Menu Operation

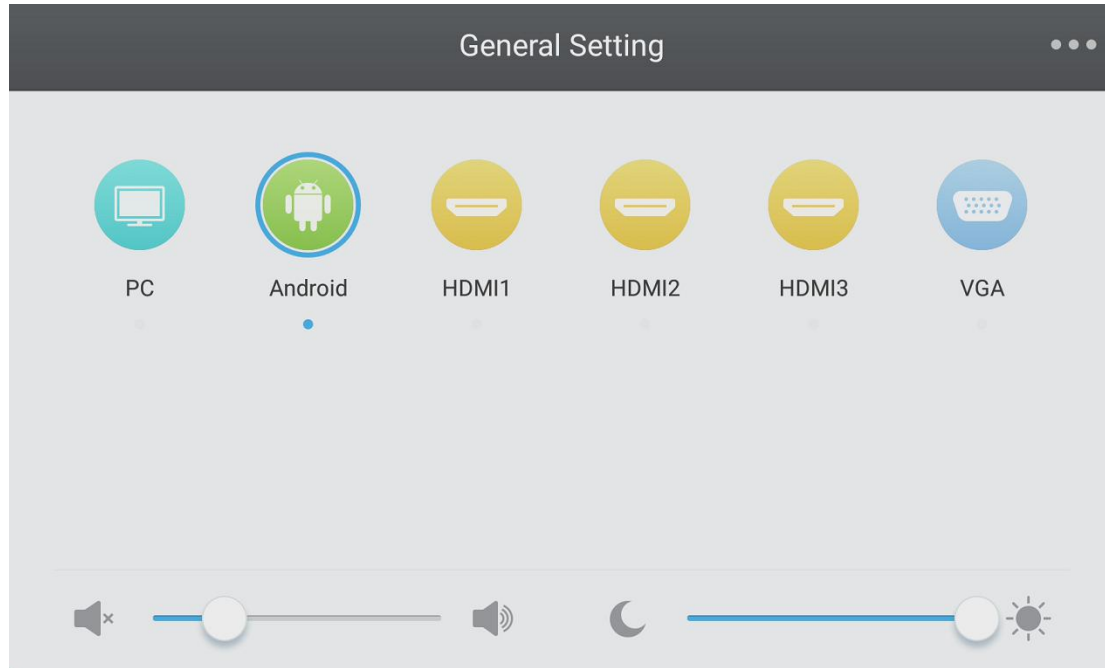
Call up Method: Take middle point position on the bottom of display screen as a starting point, and use the touch pen to drag towards screens center position to call up touch menu, as shown below.



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


Starting 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 the return key on the remote control or click the blank area outside of the menu with touch pen to exit the menu.
- Note: PC channel will only display when a PC Module is connected.

Detail Setting Menu

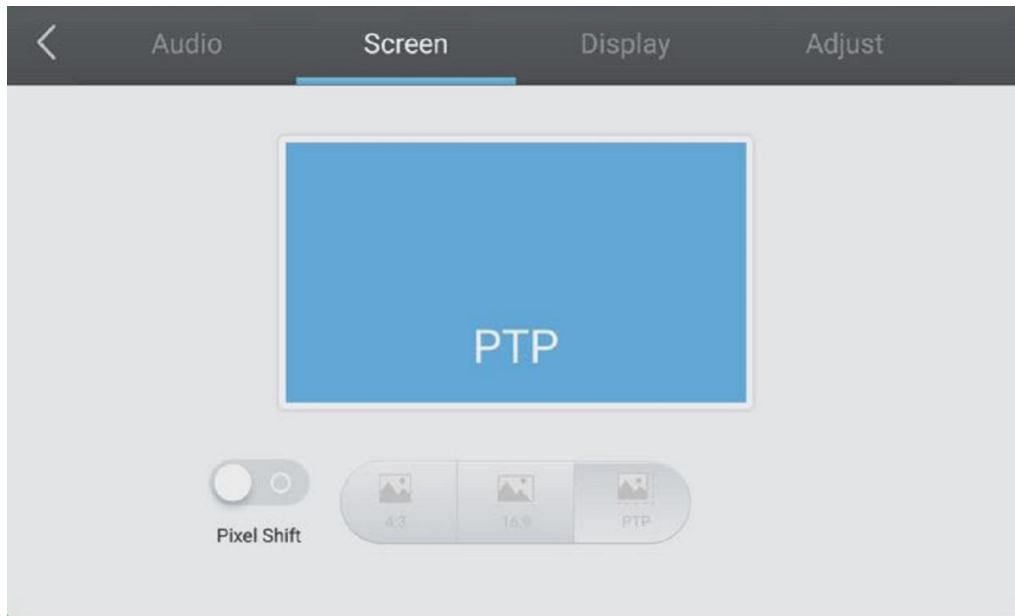
Press Menu on the remote control or click the  icon on the General Setting menu with the touch pen to call up the detail setting menu. The Detail Setting menu includes Audio, Screen, Display and Adjust.

Audio



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

Screen



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

Display



- Press the ► button on the remote control to select Display Setting menu.
- Press ▼/▲/◀/▶ button on the remote control or directly click with the touch pen to select the option.
- Press Enter on the remote control to enter adjustment mode, and press the ◀/▶ button or directly click with touch pen to adjust each option. Press Enter/Back to exit adjustment.
- Press Back on the remote control or click the blank area outside of the menu with the touch pen to exit the menu.

Adjust



- Press the ► button on the remote control to select Adjust Setting menu.
- Press ▼/▲/◀/▶ button on the remote control or directly click with the touch pen to select the option.
- Press Enter on the 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 the remote control or click the blank area outside of the menu with the touch pen to exit the menu.

Simple Troubleshooting

Machine Fails to Work Normally

Remote control failure	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Check if machine is set to sleep. • Check whether there is a sudden power outage. • The system will automatically shut down if the interactive display's external channel loses signal for 5 minutes. Please check the input and connection of the signal.

PC Mode

Signal out of range	<ul style="list-style-type: none"> • Check whether display is set correctly. • Check whether resolution is the best resolution. • Adjust line and field synchronization in the menu.
Background has vertical lines or streaks	<ul style="list-style-type: none"> • Select automatic correction in menu. • Adjust clock and phase position in menu.
Image lack of color, color is incorrect	<ul style="list-style-type: none"> • Check whether VGA is connected properly or has a quality problem. • Adjust chromatic and brightness or contrast in menu.
Display format that is not supported	<ul style="list-style-type: none"> • Select automatic correction in menu. • Adjust clock and phase position in menu.

Touch Function

Touch function invalid	<ul style="list-style-type: none"> • Check whether the size of article touched is comparable with finger.
Touch positioning not correct	<ul style="list-style-type: none"> • Check whether touch pen is facing the screen.

Video Function Can't Work Normally

No picture and no sound	<ul style="list-style-type: none"> • Check if the machine is started. • Check if signal wire is plugged in properly, and the INPUT is corresponding to it. • In the internal computer mode, check if the internal computer is started.
With horizontal or vertical stripes or image dithering	<ul style="list-style-type: none"> • Check if signal wire is well connected. • Check if other electronic equipment or power tools are placed around the machine.
No color, color is weak, or image is weak	<ul style="list-style-type: none"> • Adjust chromatic and brightness or contrast in menu. • Check if signal wire is well connected.

Audio Function Can't Work Normally

With image but without sound	<ul style="list-style-type: none"> • Check if mute button is pressed for mute. • Press VOL + / - to adjust volume. • Check if audio line is connected correctly.
Only one speaker has sound	<ul style="list-style-type: none"> • Adjust sound balance in menu. • Check computer sound control panel. • Check if audio line is connected correctly.
HDMI output without sound	<ul style="list-style-type: none"> • Check if connected to external device.

Maintenance

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

Clean Screen

- Please mix and stir a little fabric softener or tableware detergent with alcohol.
- Use a soft cloth completely soaked in the mixture.
- Take out cloth and twist to half dry state to wipe machine screen.
- Repeat for several times, pay attention and make sure 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

- In case the display goes without use for a long time, such as a holiday, please make sure to unplug the machine to prevent any possible dangers caused by power supply ripple from lightning.