



HELGI P-SERIES

Interactive Flat Panel

USER MANUAL

Safety Warning

Safety Warning

Positioning

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.

Earphones

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

Power Switch Status Signs

"I" means power on, "O" means power off.

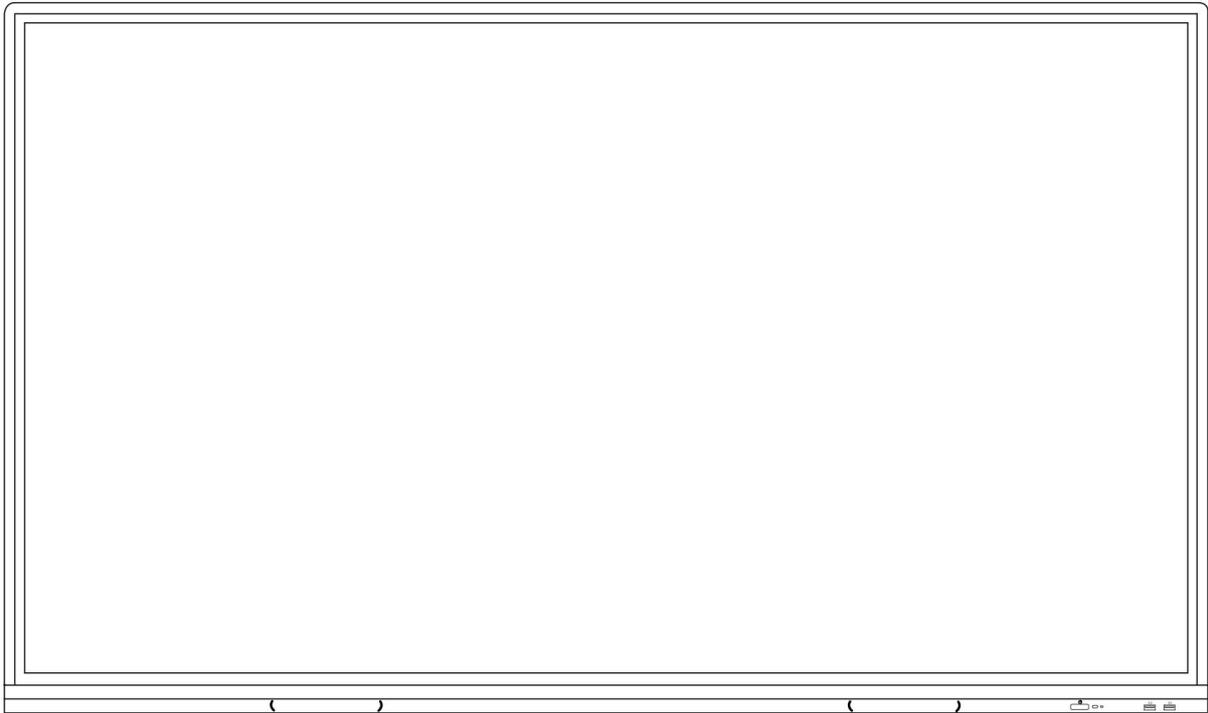
Notes for Maintenance

This machine can only be maintained by certified engineer.

Control Panel

Control Panel

1. Prepare to Install

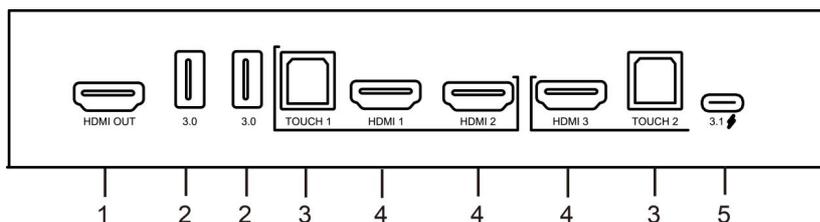


Number	Items	Function description
1	Speakers	Front audio speakers, 2x16W power
2	Magnetic zone	Area for placing the adsorptive magnetic pen
3	Power Indicator	Tap to enter Energy Saving Function Press at least 2 seconds to enter standby mode When the display is powered correctly, the light will be blue
4	Remote control signal receiver	Do not place any object in front of the IR signal receiver, otherwise the remote control will not work
5	USB	USB interface for Android operating system and integrated mini PC

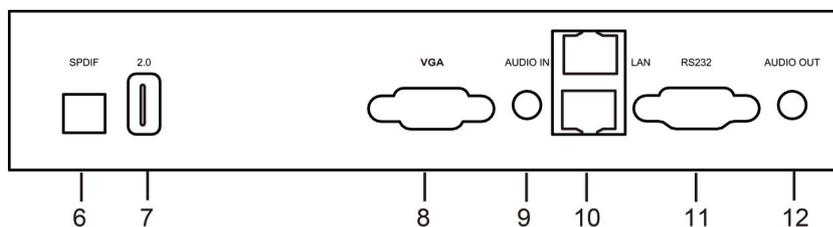
Installation

2. Interfaccia I/O

Pannello laterale



Pannello inferiore



Numero	Oggetto	Funzione
1	HDMI OUT*	Connetti a dispositivi video esterni con ingressi HDMI
2	3.0	Ingresso USB 3.0 ad alta velocità per la connessione di unità di memoria esterna.
3	TOUCH	Uscita touch per PC esterno.
4	HDMI IN	High-definition multimedia interface signal input per la trasmissione di segnale audiovideo digitale da sorgenti esterne (PC o altri tipi di sorgente con uscita digitale)
5	USB Type-C 3.1	Porta USB all-in-one, include ricarica a 65 W, connessione touch, trasmissione dati, connessione audio e video e connessione di rete. (NOTA BENE: ricarica dispositivi esterni con la stessa potenza di ricarica o inferiore. Non connettere laptop o dispositivi che richiedono una potenza maggiore di corrente di quella specificata da questa porta)
6	SPDIF	Sony/Philips Digital Interface, per il trasferimento del segnale audio tramite segnale ottico
7	2.0	Ingresso USB 2.0 per la connessione di unità di memoria esterna, tastiera e mouse, etc.
8	VGA	Ingresso video analogico
9	AUDIO IN	Ingresso audio analogico
10	LAN	Ingressi per terminale RJ45
11	RS232	Interfaccia seriale per il trasferimento di dati fra i dispositivi
12	AUDIO OUT	Uscita audio per speaker esterni

*connessione opzionale

ATTENZIONE

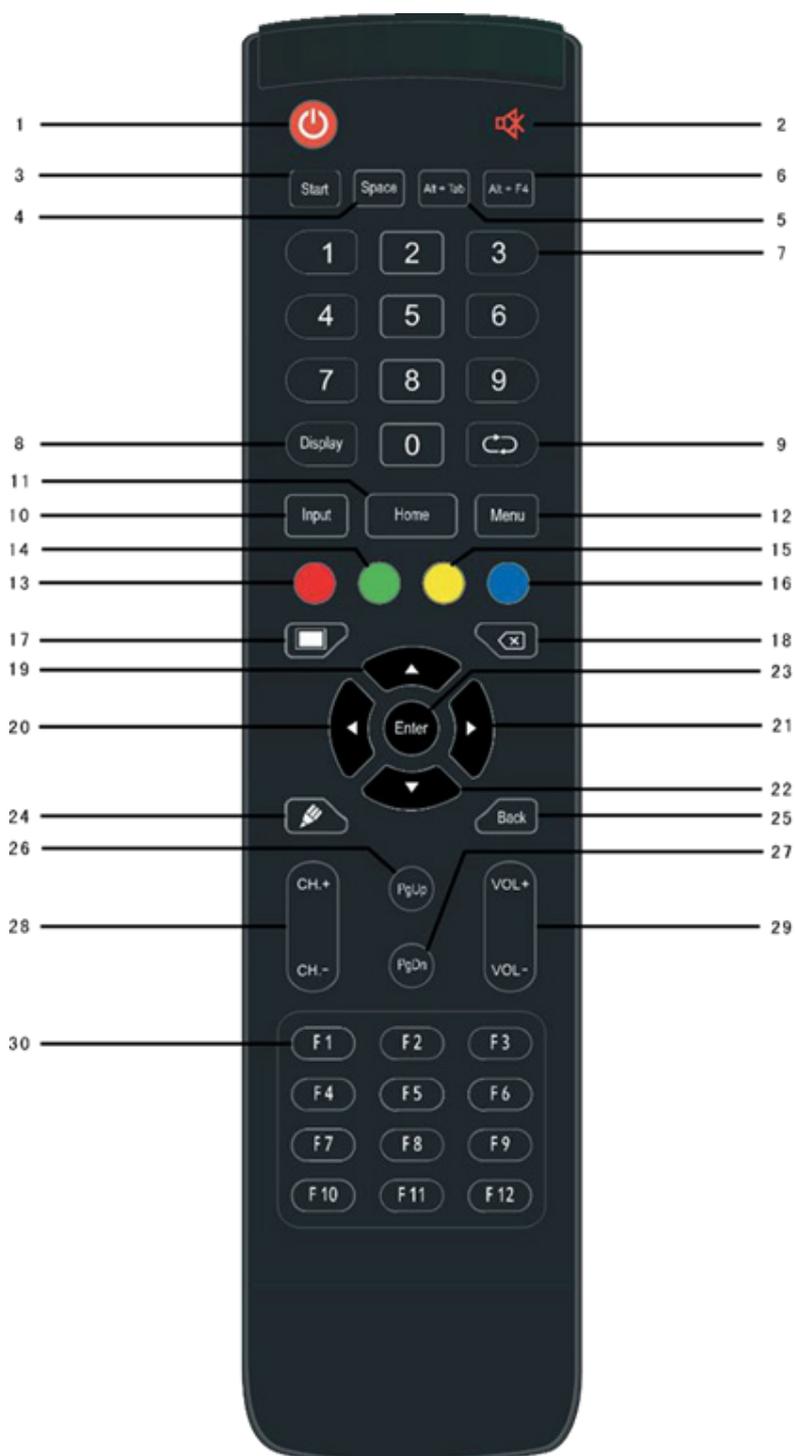
Per utilizzare le funzionalità touch su dispositivo esterno, gli input HDMI IN / VGA devono essere connessi alla porta TOUCH assegnata.

- 1) per HDMI IN 1 utilizza TOUCH 1
- 2) per HDMI IN 2 utilizza TOUCH 1
- 3) per HDMI IN 3 utilizza TOUCH 2
- 4) per VGA utilizza TOUCH 2

Remote control

3. Remote control

1) Remote control button functions



Control Panel

3. Control Panel

Detailed Function Description

1		Power on/off
2		Mute switch
3		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
11	Home	Android system main screen button
12	Menu	Setting menu button, press this button to pop
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
20		Direction key, press this button for left selection
21		Direction key, press this button for right
22		Direction key, press this button for downwards
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-:	Channel switch key
29	VOL+ \ VOL-:	Volume switch key
30	F1-F12:	Built-in computer F1 - F12 function keys

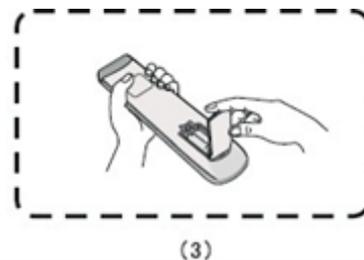
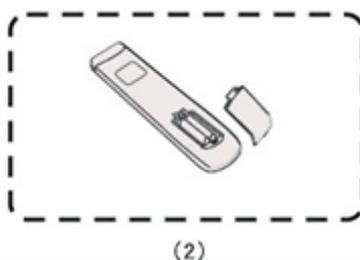
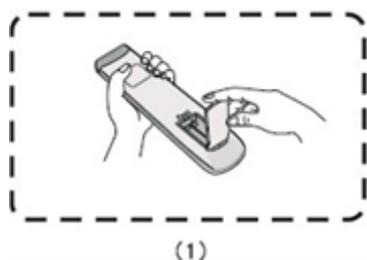
NOTE: All computer - related function keys are not available without a built-in computer.

Control Panel

3. Remote Control Instruction

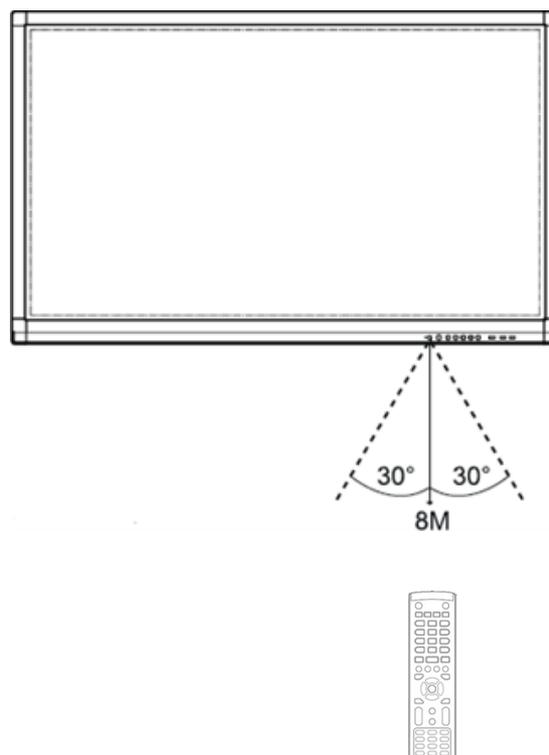
Install Batteries

- 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 battery is installed, close the back cover of battery components, and make the following clip buckled to the bottom.



Range of remote control

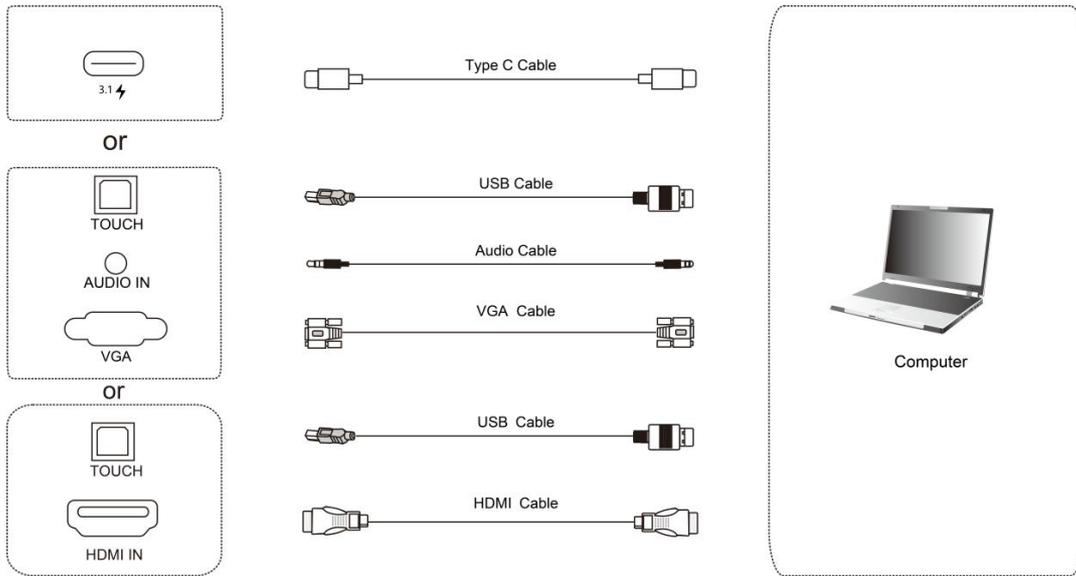
Remote control can work normally within the range of 8 meters distance, 30 degrees left and right from the remote-control receiver; in order to protect environment, please dispose waste battery into recycling box.



I/O Connections

Connection and Setting

1. External Computer Connection

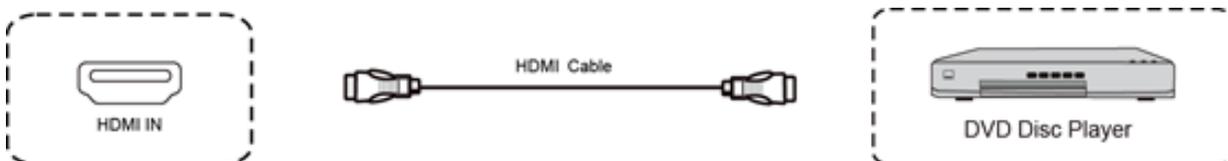


- 1) Use VGA cable to connect to VGA output port of external computer, and meanwhile use headphone audio cable to connect to external computer audio output interface. (Or use HDMI cable to connect to HDMI output port of external computer).
- 2) Use USB cable to connect to external computer USB port.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

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

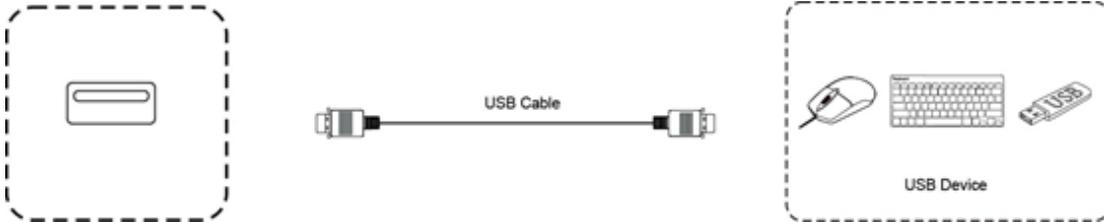
2. Input from external AV players



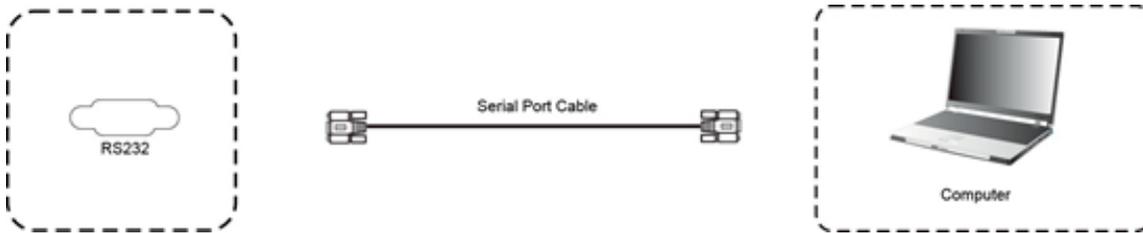
- 1) Use HDMI cable to connect audio and video equipment with HDMI output.
- 2) After cable connection, plug in power cord, and switch power on.
- 3) Press  to turn equipment on.
- 4) Press INPUT key to switch to HDMI port.

I/O Connections

3. USB Connection

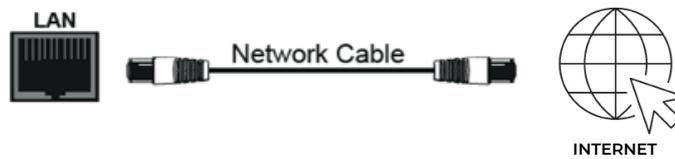


4. RS232 Connection



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. TF Card



OSD

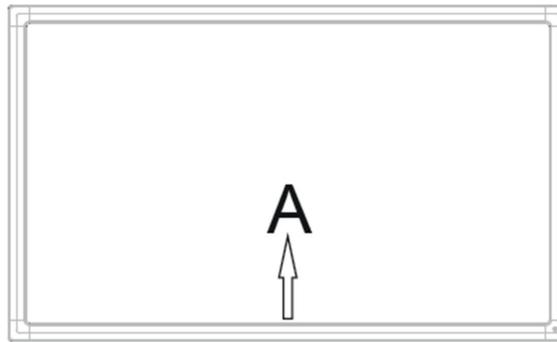
Menu Operation

Touch Menu Operation

Call up Method

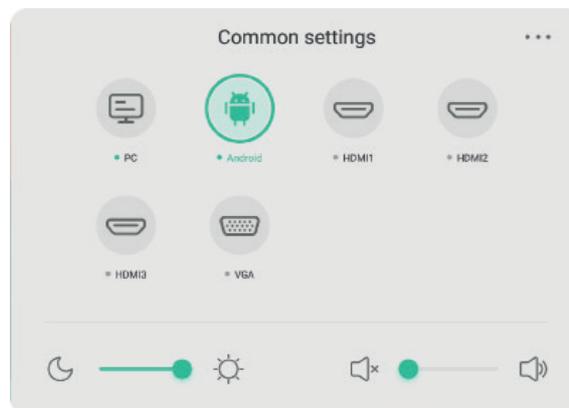
Take middle point position on the bottom of display screen as starting point, use touch pen to drag towards screen center position to call up touch menu, as shown below.

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



Settings Menu

General Settings



Press the INPUT button on the remote control or use Touch Method A to access general settings.

Press the buttons  on the remote control to select the desired channel
Press the Enter button on the remote control or tap with your finger to confirm the choice
Press Enter on the remote control, or touch the area outside the menu to exit

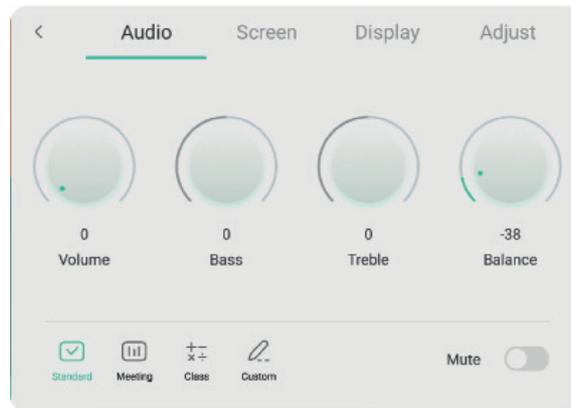
Note: the PC channel will show as available only with a built-in PC actually connected to the monitor. The Android channel will show as available only with an Android module connected to the monitor.

OSD

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.

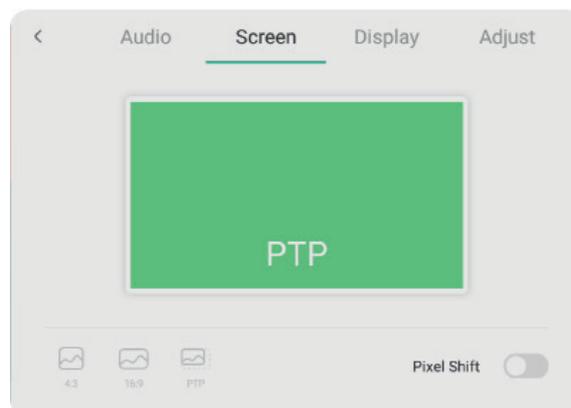
Press  button on remote control or directly click with touch pen to select the option.

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.

OSD

Display



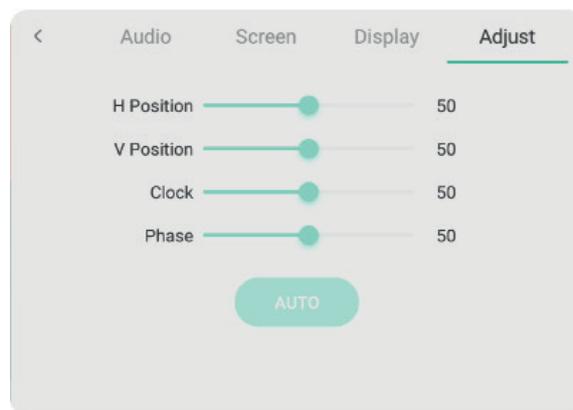
Press **▶** button on remote control to select Display setting menu.

Press **▼/▲/◀/▶** button on remote control or directly click with touch pen to select the option

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 that the driver has been installed and run. With an external computer, check the USB connection between the computer and the monitor.
Touch positioning not correct	Start the calibration procedure from the controller. Start the calibration procedure from Control Panel> Tablet PC Settings.

Video Malfunction

No picture and no sound	Check that the monitor is turned on. Check the cables and that the input signal is selected correctly. With an integrated computer, check that the computer itself is turned on.
With horizontal or vertical stripes or image dithering	Check the cables. Check for possible sources of electromagnetic interference near the monitor.
The image is not colored or the colors are faded	Check the cables. Adjust the color, brightness and contrast settings from the menu.

Audio Malfunction

With image but without sound	Press the Mute button on the remote control. Adjust the volume with the VOL + / - button Check the output volume of your PC. Using an external computer, check the cables.
Only one speaker works	Adjust the audio balance from the menu. Check the output audio settings of your PC. Using an external computer, check the cables.
Correct VGA video output, but no sound	Check the audio output settings of the PC.

Maintenance

Maintenance

Proper maintenance can avoid many problems, and regular cleaning of the monitor is the best way to ensure that it works perfectly. To avoid electric shock, disconnect the plug before any cleaning and maintenance.

Cleaning the screen

Use a soft cloth soaked in hot water and a drop of dish detergent. Wring out the cloth before gently wiping it over the display surface. Repeat the step several times, taking care that the liquid droplets do not penetrate the monitor.

Cleaning the front frame

Use a soft, dry cloth to remove dust from the front frame. If the monitor is not used for a long time, disconnect the monitor from the power supply to avoid possible damage in the event of lightning.

Certifications

ENERGY STAR ENERGY STAR is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency criteria or requirements set by the U.S. Environmental Protection Agency. The following logo appears on all ENERGY STAR-certified models:



This product qualifies for ENERGY STAR in the "Standard mode" setting and this is the setting in which power savings will be achieved. Changing the Standard mode picture settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR rating. Refer to EnergyStar.gov for more information on Energy Star program.



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