

EduTouch

Interactive LED Panel

INSTRUCTION MANUAL

‘SX’

Before connecting, operating or adjusting this product, please read the manual completely.
Please keep this manual for future reference.

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IMPORTANT INFORMATION

If the panel is not positioned in a stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Use cabinets or stands recommended by the panel manufacturer.
- Only use furniture that can safely support the panel.
- Ensure the panel is not hanging over the edge of the supporting furniture.
- Do not place the panel on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the panel to a suitable support.
- Do not position the panel on cloth or place any material between the panel and supporting furniture.
- Increase children's awareness of danger caused by the panel toppling, or being hurt by bumping into the panel.
- Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.
- To avoid possible condensation, it is recommended to not use the device within 24 hours after its arrival.

Warning:

To prevent the spread of fire, keep candles or other open flames away from the panel.

IMPORTANT SAFETY PRECAUTIONS



This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this panel.



This symbol indicates that there are important operation and maintenance instructions in the literature accompanying the panel.

Electricity may cause personal injuries and property damage if handled improperly. The panel has been engineered and manufactured with the highest priority on safety. But **IMPROPER USE CAN RESULT IN POTENTIAL ELECTRIC SHOCK OR FIRE HAZARD**. To prevent potential danger, please observe the following instructions when installing, operating and cleaning the panel.

To ensure your safety and prolong the panel's service life, please read, keep and understand the following precautions.

1. **Note all warnings**--- All warnings on the panel and in the instruction manual must be observed closely.
2. **Attachments**---Only use attachments/accessories specified by the manufacturer. The use of improper attachments can result in accidents.
3. **Power source**---This panel is intended to be supplied with a listed power supply indicated on the product label. If you are not sure of the type of power supply at your location, consult your panel dealer or local power company. For added protection for the panel during a lightning storm, or when it is left unattended and unused for a long period of time, unplug it from the wall outlet.
4. **Power cord protection**---Protect the power cord from being walked on or pinched particularly at plugs, wall outlet, and the point where they exit from the device.
5. **Overloading**---Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.
6. **Inserting objects and liquids**---Never insert an object into the panel through vents or openings. High voltages are present in the panel and inserting an object can cause an electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the panel.
7. **Damage requiring service**---If any of the following conditions occurs, unplug the power cord from the AC outlet and contact IG3 Education on 1800 334 633 or email support@ig3education.com.au.
 - a. The power cord or plug is damaged.
 - b. Liquid is spilled on the panel or objects have fallen into the panel.
 - c. The panel has been exposed to rain or water.

- d. The panel does not operate properly as described in the operating instructions.

Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the operating instructions can cause damage, often requiring extensive adjustment work by an IG3 Education qualified technician.

- e. The panel has been dropped or the cabinet has been damaged in any way.
- f. The panel displays an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the panel indicates that it needs servicing.

8. Replacement parts--- If the panel needs replacement parts, contact IG3 Education. Use of unauthorised parts can result in fire or electric shock.

9. Safety checks--- Upon completion of service or repair work, request the IG3 Education service technician perform safety checks to ensure that the panel is operating correctly.

10. Wall or ceiling mounting---When mounting the panel onto a wall or ceiling, install it according to the manufacturer's recommendations.

11. Stand--- Use only with the trolley, stand or wall mount sold with the panel.

12. Careful moving---Take care when moving the trolley/panel combination. Sudden stops, excessive force and uneven floor surfaces can cause the panel to fall from the trolley.

Never attempt to move the panel unless the AC power cord has been disconnected.

13. Do not use this device near water---for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool.

The panel should not be exposed to dripping or splashing liquids.

Do not use the panel immediately after moving it from a low temperature to a high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.

14. Clean only with dry cloth---Unplug the device from the power before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a microfiber cloth for cleaning.

Wipe the screen from one side to the other carefully till it looks completely clean. Do not wipe in all directions.

15. Ventilation---Do not block any ventilation openings. Install the panel in accordance with the manufacturer's instructions. Insufficient ventilation can cause overheating and/or shorten the life of the panel. The panel is not designed for built-in installation; therefore, do not place the panel in an enclosed space such as a bookcase or rack, unless proper ventilation is provided, or the manufacturer's instructions are followed.

There should be interspace around the panel to dissipate the heat. The wider the better. Suggest up>10cm, around>10cm and back >2.5cm

IMPORTANT SAFETY PRECAUTIONS

16. Heat sources---Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.

17. Panel protection--- The panel's display screen is made of glass. Therefore, if the panel is dropped or impacted upon by other objects, it can break.

Do not use hard or sharp object to write on the screen.

18. Pixel defect--- The display screen is technologically advanced, giving fine detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of the panel.

WARNING: For continued safety, device with class I construction shall be connected to a mains socket outlet with a protective earthing connection.

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



About Location/Environment

Do not use in hot and cold rooms (locations)

- If the panel is used in rooms (locations) with low temperatures, the picture may leave trails or appear slightly delayed. This is not a malfunction. The panel will recover when the temperature returns to normal.
- Do not leave the panel in a hot or cold location, exposed to direct sunlight, near a heater or in high humidity, as this may cause the cabinet to deform and the panel to malfunction and affect its performance.
- Environmental condition:

Operating temperature: 5°C – 35°C

Operating humidity: 20% – 80% (no moisture condensation)

Storage temperature: -15°C – 45°C

Storage humidity: 10% – 80%

Atmospheric pressure: 86 kPa ~106 kPa

About After-Image

The extended use of a fixed image can cause a permanent after-image on the screen. Examples of a fixed picture include logos, video games, computer images, teletext and images displayed in 4:3 mode.

The background image is viewable in the form of a stationary fixed image. This type of irreversible screen deterioration can be limited by observing the following:

- Reducing the brightness/contrast setting to a minimum viewing level.
- Displaying the fixed image for limited periods of time.
- Turning the power off when the panel is not being used.

CAUTION:

- A permanent after-image on the screen resulting from fixed image use is not an operating defect and as such is not covered by the warranty.
- This panel is not designed to display fixed images for extended periods of time.
- It is not advised to put the panel in portrait mode because this will affect the warranty.

Cleaning and Maintenance

To clean the cabinet:

Clean the cabinet with a soft, dry lint-free cloth. If the cabinet is especially dirty, moisten a soft, lint-free cloth in a weak detergent solution, squeeze the excess moisture from the cloth, then wipe the cabinet with the cloth. Use a clean cloth to dry the cabinet.

To clean the screen:

Maintaining and cleaning the panel can avoid many early faults and keeps the panel looking like new.

It is important to implement regular cleaning routines:

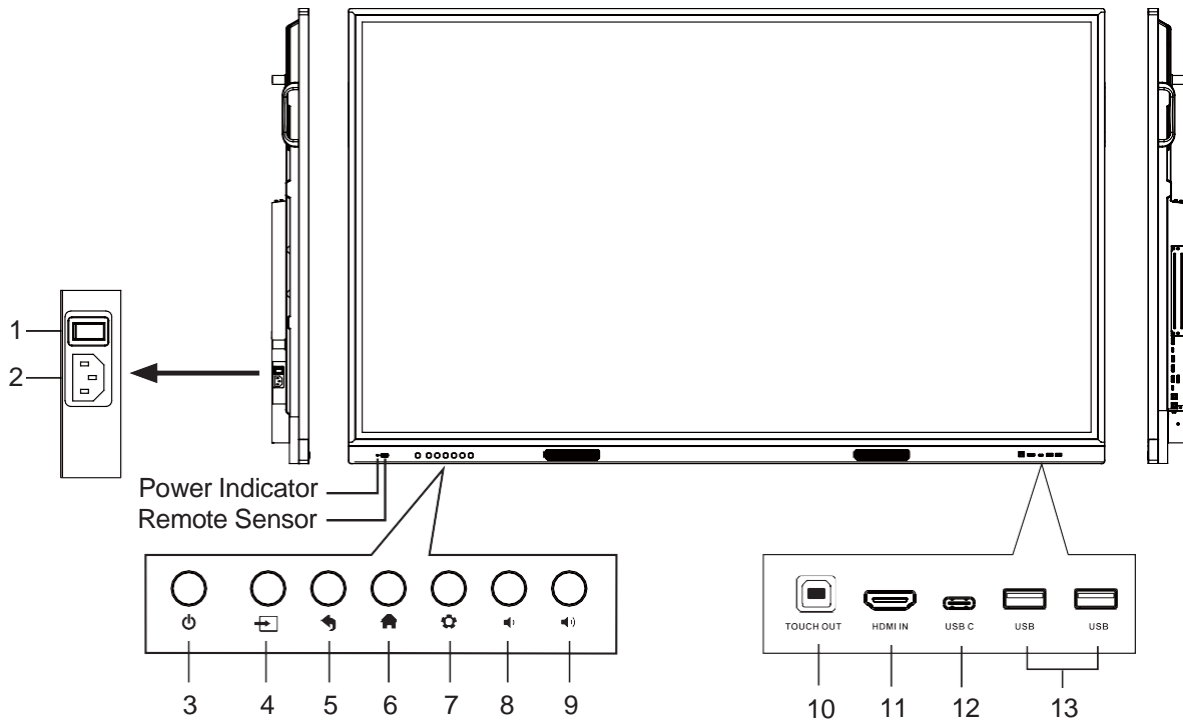
1. Use a microfiber cloth.
2. Dampen the cloth with warm water.
3. Twist the cloth to completely remove all moisture before wiping the screen.
4. Wipe in a horizontal motion.
5. Ensure all parts of the frame are covered.
6. Use a dry microfiber cloth to dry the screen.








Do NOT use chemicals or liquid/water to clean the panel as this will eventually wear down or ruin the anti-glare coating.

Carrying or Moving the Panel

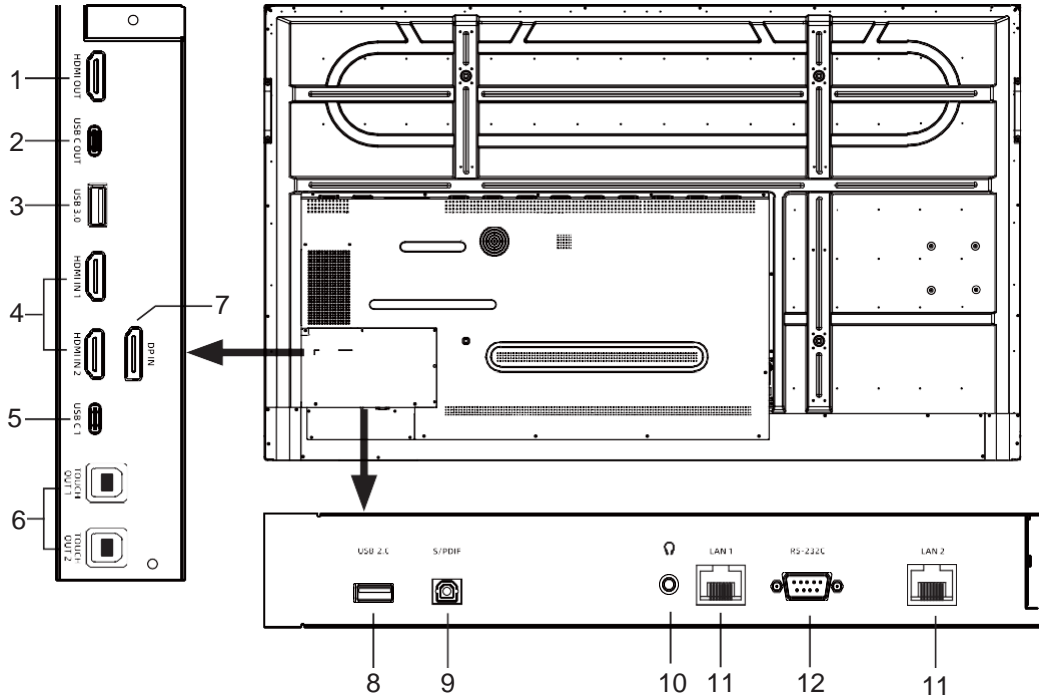
- Holding the frame of the panel when moving it.
- Be aware of the danger or harm which may be caused by carrying or moving the panel, as the bezel is very thin.
- When transporting the panel, do not subject it to shocks, vibration, or excessive force.


IDENTIFICATION OF CONTROLS



1	Secondary Power Switch	Push (I) to connect the power, push (O) to cut off the power. Note: Don't cover the power switch.
2	AC IN	Plug the AC cord into this jack and into a power outlet. (AC 100-240V 50/60Hz)
3		Press to turn the panel on or off.
4		Press to display input source menu or exit the menu screen.
5		Press to return to previous menu.
6		Press to display the panel's Home page.
7		Press to open the settings menu.
8		Press to turn the volume down.
9		Press to turn the volume up.
10	TOUCH OUT	Connect an external device to support touch on the panel.
11	HDMI IN	Connect an HDMI or DVI device to this port.
12	USB C	Full - featured Type C.
13	USB 3.0	Connect USB devices to this port.

IDENTIFICATION OF CONTROLS



1	HDMI OUT	Connect an external device with a HDMI cable to this port to display the panel's image and sound.
2	USB C OUT	Connect an external device with an USB-C cable to this port to display the panel's image and sound.
3	USB 3.0	5V \equiv 1A Connect USB devices to this port.
4	HDMI IN 1/2	Connect an external device with a HDMI cable to this port.
5	USB C 1	PD 100W, 5V \equiv 3A, 9V \equiv 3A, 15V \equiv 3A, 20V \equiv 5A Connect an external device with an USB-C cable to this port.
6	TOUCH OUT 1/2	Connect an external device to support touch on the panel.
7	DP(DisplayPort) IN	Connect an external device to the DisplayPort.
8	USB 2.0	5V \equiv 0.5A Connect USB devices to this port for Android. Note: It must be used if you upgrade software.
9	S/PDIF digital audio output	Connect a digital sound system.
10		Connect headphones to this port.
11	LAN 1/2	Connects the external network or the router.
12	RS 232C	Used by service technicians to perform diagnostics and service updates.




The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

REMOTE CONTROL

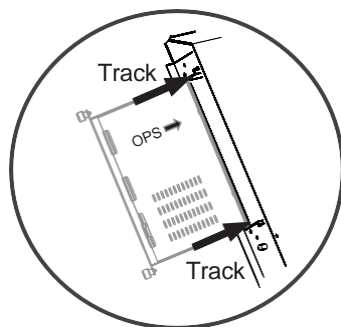
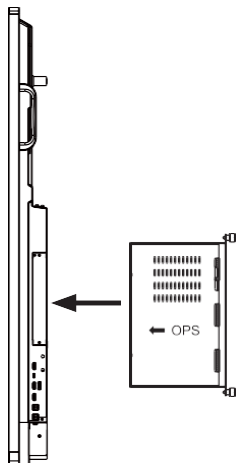


GETTING STARTED

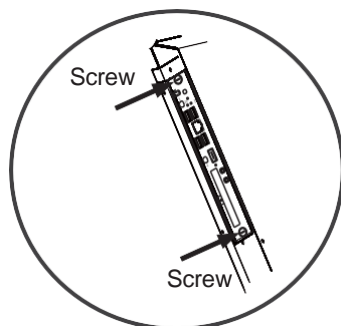
Installation of the OPS

 **Warning:** Please cut off power before the OPS can be plugged in and out. Do not hot plug.

Installation instructions



1. Insert the OPS into the slot along the track on both sides.

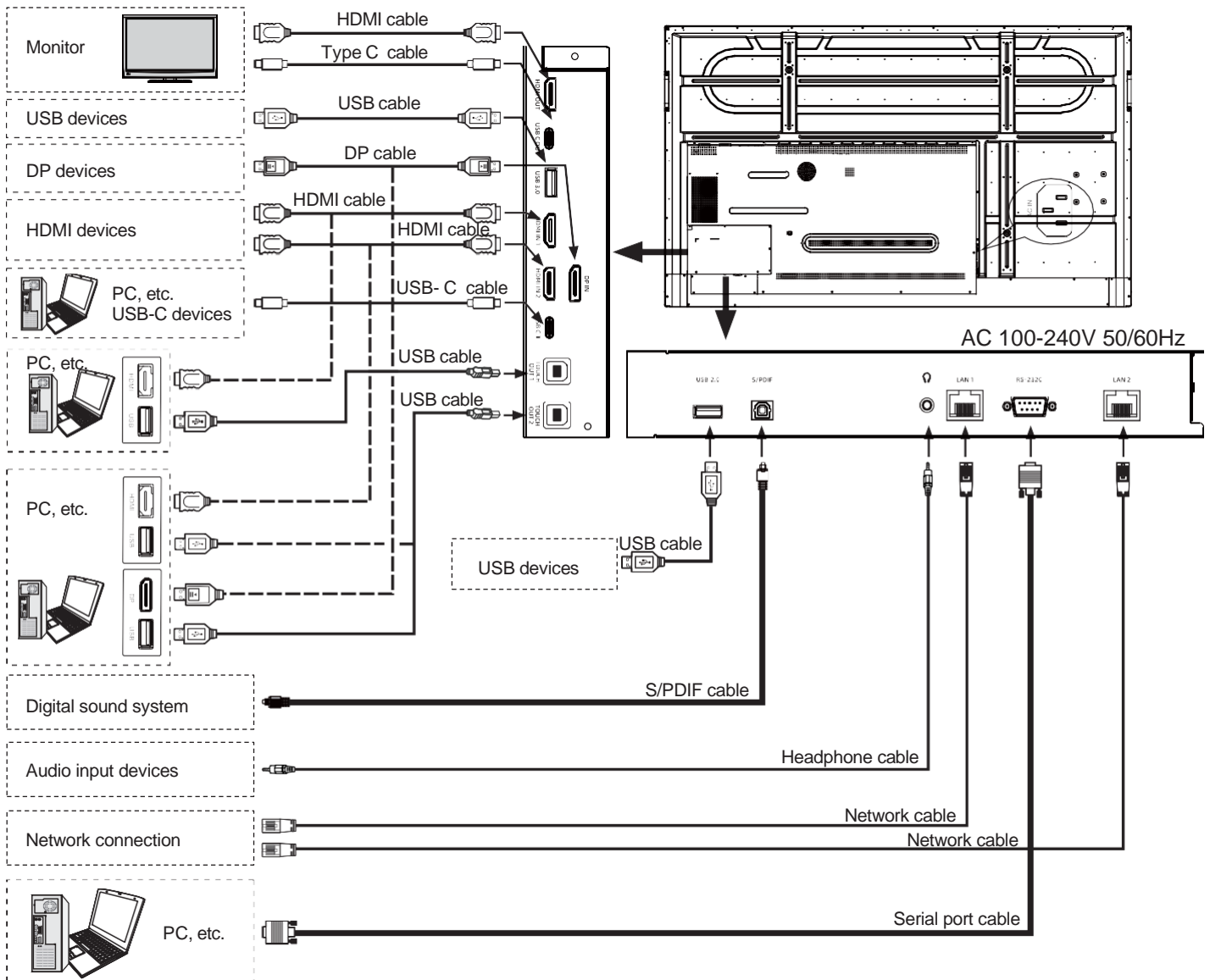
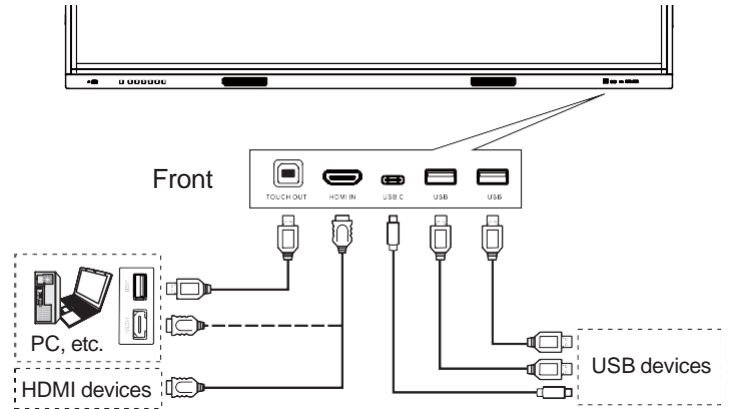


2. Fasten the OPS with two screws provided on the side frame.

CONNECTIONS

Cautions Before Connecting

- When connecting an external device to the panel, ensure the panel and the external device are turned off.
- Check the plugs at the ends of the cables to make sure that they are the correct type before plugging them into the ports or jacks on the screen.
- Make sure that all plugs are securely inserted. Loose connections can result in image or colour problems.
- The illustration of the external device may be different depending on your model.
- Refer to the operating manual of the external device.



To obtain touch on the panel, connect the USB-B cable to the Panel's Touch Out port and the USB-A to the PC.


Connect PC with HDMI cable or DP cable. Choose the proper method of connection based on your device. (Only for PC, HDMI, DP signal)



Use Touch out 1 with HDMI in 1.
Use Touch out 2 with HDMI 2 or DP.


Note: Before using headphones, adjust the device volume to avoid excessive volume, as hearing damage may result.

BASIC OPERATIONS

Turning the panel on or off

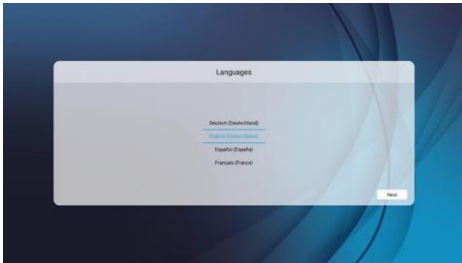
1. Plug the power cord into an AC power outlet.
2. Press the **Secondary Power Switch** on the panel.
3. The panel is now in standby mode. Wait a moment until the power indicator lights up, then press  **button** to turn the panel on.

Note: Be sure to wait for a few seconds before pressing  button. If you promptly press  button, the panel may not respond.

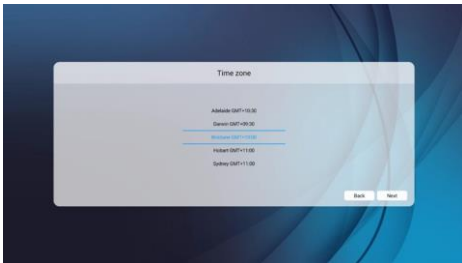
4. Press  **button** again to turn off the panel and put the display in standby mode.
5. To cut off the power completely, press the **Secondary Power Switch** on the back of the panel.

FIRST TIME INSTALLATION

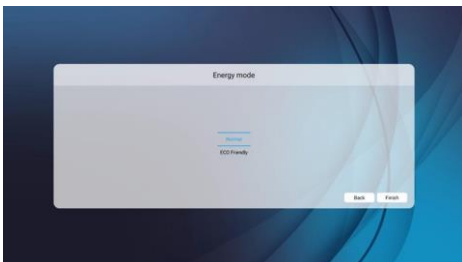
When turning on the panel for the first time, the installation menu will appear:



Select the desired menu language, press **Next** to go to the next page.



Select the Time Zone, press **Next** to go to the next page.

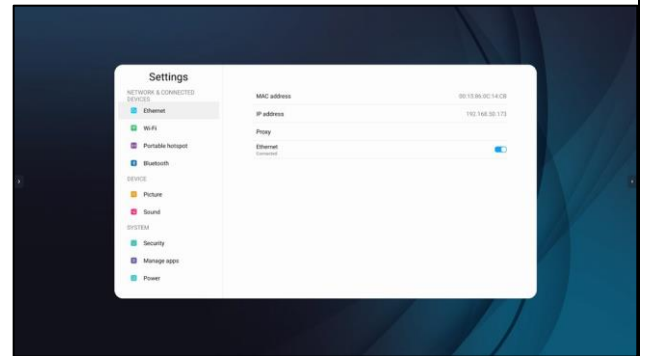


Select the Energy mode, press **Finish** to finish the installation.

SETTINGS

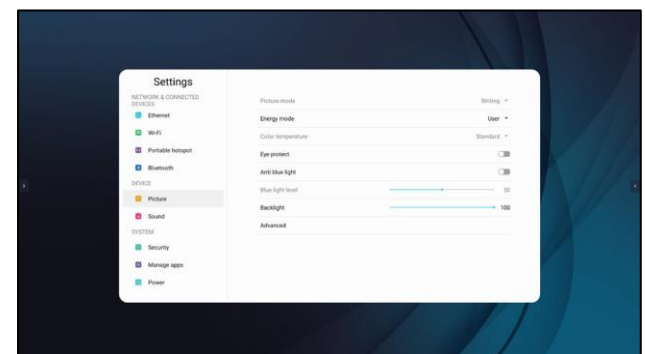
NETWORK & CONNECTED DEVICES

Ethernet:	Plug the LAN-cable into the LAN-port on the bottom of the panel. The panel automatically gets an IP address and connects to the internet.
Wi-Fi:	Slide to turn the Wi-Fi on. Select the network from the available WLAN networks to connect it. Note: Once the panel has connected to the WLAN network successfully, whenever the network is available, the panel reconnects to the network without entering the password.
Portable hotspot:	Slide ON to set up the Portable Wi-Fi hotspot.
Bluetooth:	Slide ON to automatically search for Bluetooth devices.



DEVICE - Picture

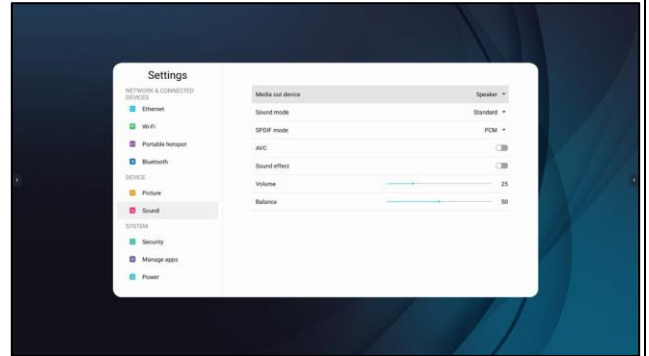
Picture mode:	The Picture mode is set to Writing by default.
Energy mode:	Select User . Select Advanced to set the preferred level of the Contrast, Brightness, Saturation, and Sharpness.
Color temperature:	The colour temperature is set to Standard by default.
Eye protect:	Slide to ON to protect the eyesight by automatically decreasing the backlight brightness after writing for 3 seconds. If there is no writing, the backlight brightness returns to normal after about 10 seconds.
Backlight	Set up the overall brilliance of the panel.
Anti blue light:	Slide to ON to decrease the blue light to protect eyesight.
Advanced:	Adjust the Contrast, Brightness, Saturation, and Sharpness.



SETTINGS

DEVICE - Sound

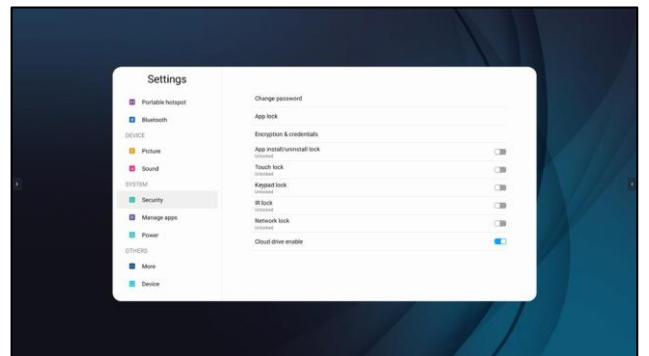
Media out device:	Select the preferred Media out device.
Sound mode:	Select the sound mode. Select User to set the desired level of the frequency response.
SPDIF mode:	Select the digital audio output mode. RAW sends the output audio signal in its original format. PCM sends the output audio signal by PCM format.
Sound Effect:	Slide to turn the surround sound effect on or off.
Volume:	Slide to adjust the volume.
Balance:	Adjust the volume level for the right and left speakers.



SYSTEM – Security

When Security is selected, enter the password. (The default is 0000)

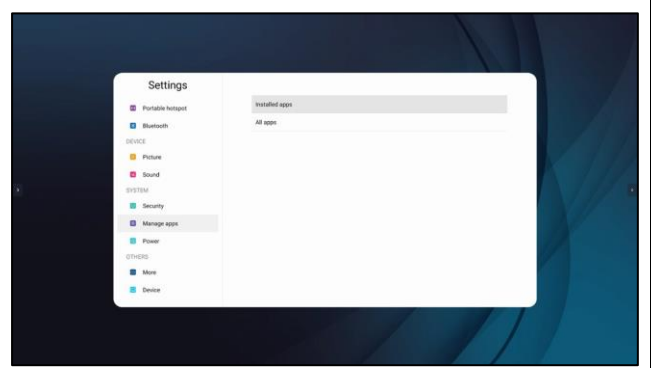
Change password:	Enter a new password.
App lock:	Select an APP to lock.
Encryption & credentials:	Enter an encryption key to protect information stored on the panel.
App install/uninstall lock:	Slide to lock the App install.
Touch lock:	Slide to disable touch on the panel.
Keypad lock:	Slide to lock the buttons on the bottom front of the panel.
IR lock:	Slide to disable the functions of the remote. (Except ⏻ button).
Network lock:	Slide to disable the network functions.
Cloud drive enable:	Slide to turn on or off.



SETTINGS

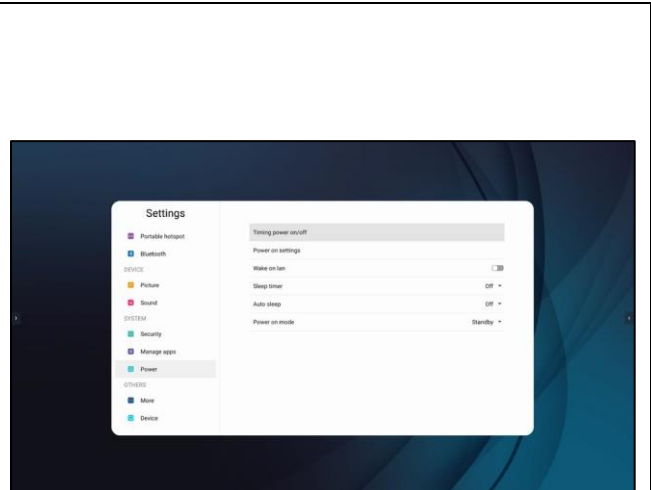
SYSTEM – Manage apps

Installed apps:	Displays a list of Installed apps sorted by App name or Used storage.
All apps:	Displays a list of all apps sorted by App name or Used storage.



SYSTEM – Power

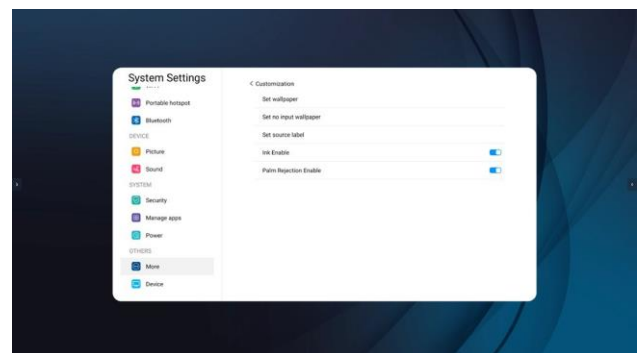
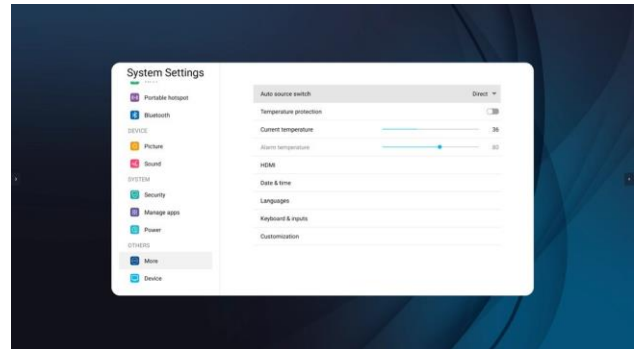
Timing power on/off:	<p>Timing off: switches the panel to standby at a specified time.</p> <p>Timing on automatically turns the panel on at a certain time.</p>	
Power on settings:	Power on source	Select the startup power source. If Memory mode is selected, the panel will automatically keep the same source as when it was powered off.
	Power on volume	Select Memory mode to keep the volume the same as when it was turned off.
	Volume setting	If the Power on volume is set to User mode, the user can specify the volume when the panel is powered up.
	Boot OPS when power on	Turn on or off.
Wake on Lan:	Slide to turn the wake on Lan function on or off.	
Sleep timer:	Set the duration of inactivity time until the panel automatically goes into Standby mode.	
Auto sleep:	Auto Sleep places the panel in standby mode automatically when there is no signal input for a certain time.	



SETTINGS

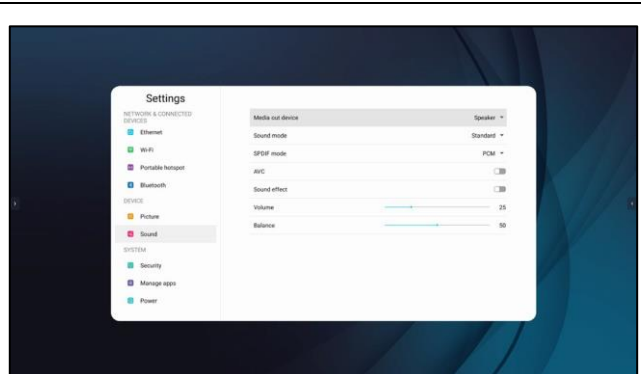
OTHERS - More

Auto source switch:	Select to automatically switch to the plug-in source (Off, Prompt, Direct).	
Temperature protection:	Slide to ON to change the Alarm temperature.	
Current temperature:	Displays the panel's present temperature.	
Alarm temperature:	Select Temperature protection to ON to set the alarm temperature. Note: If temperature protection is turned on, and the current temperature exceeds the alarm temperature, a countdown timer displays to automatically turn the panel off. The shutdown can be canceled within 30 seconds.	
HDMI	HDMI EDID version	Displays the HDMI EDID Ver.
	HDMI CEC	Slide to turn the HDMI CEC function on or off.
Date & time:	Click to adjust the date and time settings.	
Languages:	Select the menu language.	
Keyboard & inputs:	Select the keyboard input method.	
Customization:	Set wallpaper	Set the wallpaper
	Set no input wallpaper	Don't show any wallpaper
	Set source label	Rename the source options.
	Ink Enable	When enabled, it supports the ink function in Windows 10.
	Palm rejection enable	Recognise the stylus pen tip and not a hand touching the panel.



OTHERS - Device

Device Name:	Display or update the Device's name.
Device model:	Displays the Device's model.
Database copy:	Export the settings to a USB or import the settings from a USB.
System information:	Displays information about the system.
System updates:	Updates the system from either the local storage or online.
Reset:	Resets all settings to factory defaults.



TROUBLESHOOTING

If, after reading these operating instructions, you have additional questions related to the use of your panel, please call IG3 Education on 1800 334 633 or email support@ig3education.com.au.

Before calling, please check the symptoms and follow suggested solutions.

Remote Control

Problem	Possible Solutions
Remote control does not operate	<ul style="list-style-type: none"> • Ensure the panel has power. • Check the orientation of the batteries. • The batteries could be weak. Replace the batteries.

Video and Audio

Problem	Possible Solutions
No picture and no sound	<ul style="list-style-type: none"> • Make sure the power cord is plugged in. • Press POWER on the panel or on the remote control. • Test another input source.
Dark, poor or no picture and good sound	<ul style="list-style-type: none"> • Select a proper picture mode. • Adjust the brightness in the video setting. • Test another source.
No colour, dark picture or abnormal color	<ul style="list-style-type: none"> • Adjust the colour saturation in the video setting.
Good picture but no sound	<ul style="list-style-type: none"> • The sound may be muted. Press MUTE again to cancel. • Verify if the video has sound.
Audio noise	<ul style="list-style-type: none"> • Communication problems may occur due to interference with other equipment. Move the equipment until the noise is eliminated.

General

Problem	Possible Solutions
Some items cannot be accessed	<ul style="list-style-type: none"> • If a setting option is greyed out, the settings option is unavailable in current input mode. Some display menu items may be different when the unit works in different sources.
Remote control is not working in some cases	<ul style="list-style-type: none"> • During USB device detection (i.e. when the panel is turned on with a USB device connected, or when you plug in a USB device while using the panel), the display may not react to pressing any remote-control buttons. Wait a moment for the remote control to function again.
Control buttons do not operate	<ul style="list-style-type: none"> • Disconnect the power cord and wait for a few seconds. Then connect the power cord and turn the panel on again.
The panel puts itself in stand-by mode when a connected external device or PC goes into sleep mode	<ul style="list-style-type: none"> • Change the energy settings / sleep-mode of the external device or PC.
Condensation appears on the screen	<ul style="list-style-type: none"> • Condensation may occur due to the difference between the screen's temperature and the external temperature. The condensation does not impact the normal use and will disappear after several-hours usage.

Note: If your problem is not solved, turn the panel off, remove the power cord and press the power button 2-3 times to dissipate any residual power. Plug the power cord back in and reboot the panel.

Caution: Never attempt to repair a defective panel yourself.

SPECIFICATIONS

Model No.	P55SX	P65SX	P75SX	P86SX
Visible screen size	55inches(diagonal)	65inches(diagonal)	75inches(diagonal)	86inches(diagonal)
Power Source	100-240V~50/60Hz	100-240V~50/60Hz	100-240V~50/60Hz	100-240V~50/60Hz
Current	3.5A	3.6A	4.0A	5.0A
Power Consumption	350 W	360 W	400 W	500 W
Standby condition *	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W
Number of pixels (Display panel)	3840×2160	3840×2160	3840×2160	3840×2160
Dimensions (W×H×D) (Unit: mm)	1271×781×84	1490×905×84	1714×1033×84	1959×1170×84
Weight	28 kg Net	39 kg Net	48 kg Net	61 kg Net
Operating conditions	Operating temperature: 5°C - 35°C Storage temperature: -15°C - 45°C Storage humidity: 10% - 80% Operating humidity: 20 % - 80 % (no moisture condensation) Atmospheric pressure: 86kPa ~ 106kPa			
Connection terminals of the screen				
HDMI OUT	1			
USB C OUT	1			
USB C	2			
USB	4			
HDMI IN	3			
DP IN	1			
TOUCH OUT	3			
EARPHONE	1			
LAN	2			
S/PDIF	1			
RS-232C	1			

Notes:

1. Design and specifications are subject to change without notice.
2. Weight and dimensions shown are approximate.
3. Specifications and external appearance may be changed for the sake of improvement.

Due to different standby conditions, the standby power consumption of some models could be higher than 0.5W.



p: 1800 334 633

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w: www.ig3education.com.au

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