



CAUTION

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This user manual includes detailed usage instructions for your product. Please read this manual thoroughly.
- Figures and illustrations in this user manual are provided for reference only and may differ from actual equipment appearance.
- Equipment design and specifications may be changed without notice.

Contents

Important Information	1
Important Safety Precautions	2
Standard Accessories	5
Identification of Controls	6
Remote Control	8
Connections	9
Basic Operations	10
Menu List	11
System Settings	12
Network Settings	13
Using USB Multi Media Player	19
Troubleshooting	21
Specifications	22

Note: A digital PDF manual to zoom in for better viewing can be found at: www.ctouch.eu

IMPORTANT INFORMATION

If the unit 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:

- Using cabinets or stands recommended by the manufacturer of the unit.
- Only use furniture that can safely support the unit.
- Ensure the CTOUCH interactive display is not hanging over the edge of the supporting furniture.
- Do not place the CTOUCH interactive display on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the CTOUCH interactive display to a suitable support.
- Do not place cloth or other materials between the CTOUCH interactive display and supporting furniture.
- Do not let children climb on furniture to reach the CTOUCH interactive display or its controls.
- CTOUCH is not necessarily responsible nor obligate providing support for the App operation on the inside Android OS.
- 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, to avoid possible condensation.

Warning:

To prevent the spread of fire, keep candles or other open flames away from the CTOUCH interactive display all the times.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your CTOUCH interactive display. This label is located on the back of your CTOUCH interactive display.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your CTOUCH interactive display.

Electricity may cause personal injuries and property damage if handled improperly. The CTOUCH interactive display has been engineered and manufactured with the highest priority on safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRIC SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your CTOUCH interactive display, please read the following precautions carefully before using the product.

- 1. Read these instructions**---All operating instructions must be read and understood before the product is used.
- 2. Keep these instructions**---These safety and operating instructions must be kept in a safe place for future reference.
- 3. Note all warnings**---All warnings on the product and in the instruction manual must be observed closely.
- 4. Follow all instructions**---All operating instructions must be followed.

5.Attachments---Only use attachments/accessories specified by the manufacturer. Do not use attachments which are not recommended by the manufacturer. Use of improper attachments can result in accidents.

6. Power source---This product is intended to be supplied with a listed power supply indicated on the marking label. If you are not sure of the type of power supply at your location, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for a long period of time, unplug it from the wall outlet and disconnect the cable system.

7.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.

NOTE: Where the mains plug or an appliance coupler is used as the disconnected device, the disconnected device shall remain readily operable.

8.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.

9.Entering of objects and liquids---Never insert an object into the product through vents or openings. High voltages are present in the product and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the product.

10. Servicing---Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled, objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally or has been dropped.

11.Damage requiring service---If any of the following conditions occurs, unplug the power cord from the AC outlet and request a qualified service technician to perform repairs.

- a. When the power cord or plug is damaged.
- b. When liquid is spilled on the product or when objects have fallen into the product.
- c. When the product has been exposed to rain or water.
- d. When the product 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 instructions can cause damage, which often requires extensive adjustment work by a qualified technician.

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

12. Replacement parts---In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

13. Safety checks---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

14. Wall or ceiling mounting---When mounting the device on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer. This is a safety issue.

Important Safety Precautions



15. Stand---Use only with the trolley stand or wall mount specified by the manufacturer, or sold with the device. Do not place the product on an unstable trolley stand or wall mount. Placing the product on an unstable base can cause the product to fall, resulting in possible serious injuries as well as damage to the device. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.



16. Careful move---When a trolley is used, be cautious when moving the trolley/device combination to avoid injury from the device tipping over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.

Never attempt to move the CTOUCH interactive display unless the AC power cord has been disconnected.

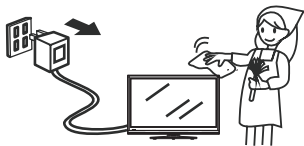


17. Lightning---Unplug this device during thunder storm or when unused for long periods of time.

For added protection during a thunder storm, or when the CTOUCH interactive display is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.



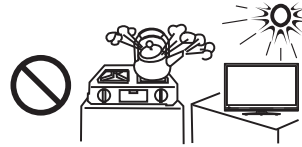
18. Do not use this device near water---for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool. The device should not be exposed to dripping or splashing liquids and that no objects filled with liquids, such as vases, shall be placed on the device.



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



20. Ventilation---Do not block any ventilation openings. Install the CTOUCH interactive display in accordance with the manufacturer instructions. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; therefore do not place the product in an enclosed space such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.



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



22. Panel protection---The display panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects. Be careful not to be injured by broken glass pieces in case the display panel breaks.

23. Pixel defect---The display panel is a very high technology product, giving you 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 your product.

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

About Location/
Environment

Do not use in hot and cold rooms (locations)

- When the unit is used in rooms (locations) with low temperature, the picture may leave trails or appear slightly delayed. This is not a malfunction. The unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight to near a heater or in high humidity, as this may cause the cabinet to deform and the screen to malfunction and affect the CTOUCH interactive display's performance.
- **Environment 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 fixed image program material can cause a permanent after-image on the screen.

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

- A. Reduce the brightness/contrast setting to a minimum viewing level.
- B. Do not display the fixed image for extended periods of time.
- C. Turn the power off when the display is not in actual use.

Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays.

- Do not allow a still picture to be displayed for an extended period of time, as this can cause a permanent after-image to remain on the screen.
Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.

Cleaning and
Maintenance

CAUTIONS:

- The 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 product is not designed to display fixed images for extended periods of time.
- It is not advised to put the screen in portrait mode because this will affect the warranty.

To clean this unit, wipe with a soft, dry cloth.

Clean the cabinet with a soft, 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.

- Use eyeglass cleaner to remove stubborn dirt from the screen.
- Never use alcohol, paint thinner or benzene to clean this device.

Carrying or Moving
the CTOUCH
interactive display

- When you move the CTOUCH interactive display, hold the frame of the CTOUCH interactive display.
- Be aware of the danger or harm which may be caused by carrying or moving the CTOUCH interactive display, as the bezel is very thin.
- When transporting, do not subject the unit to shocks or vibration, or excessive force.

Environmental
Protection

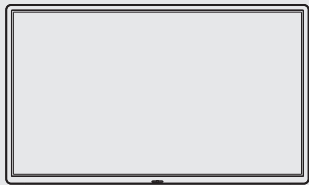
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Standard Accessories

Unpacking

The following items are included in your product box.



CTOUCH interactive display



Remote Control



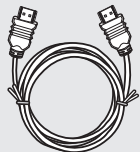
Touch Pen



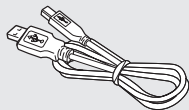
AC Power Cord



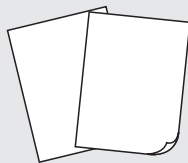
UK AC Power Cord



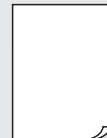
HDMI Cable



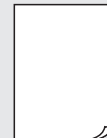
USB Cable



Quick Start Guide



Warranty Card

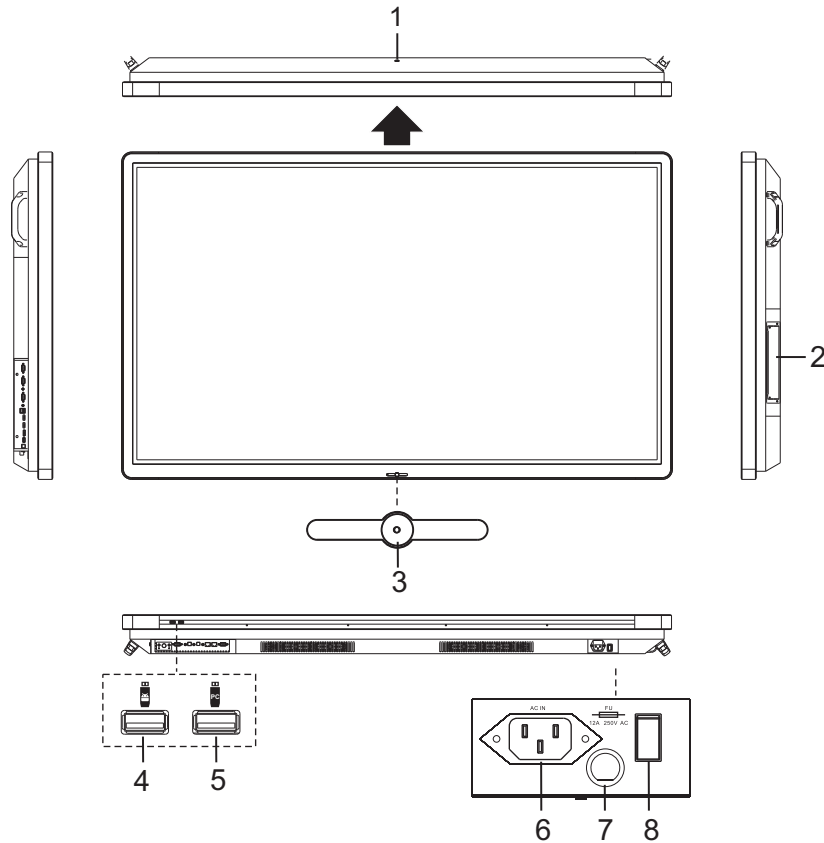




Welcome Letter

Notes:

1. The illustrations may differ slightly from the items shipped with your product
2. This manual is for the 55", 65", 70", 75" and 84" screens and may slightly differ from original CTOUCH range.

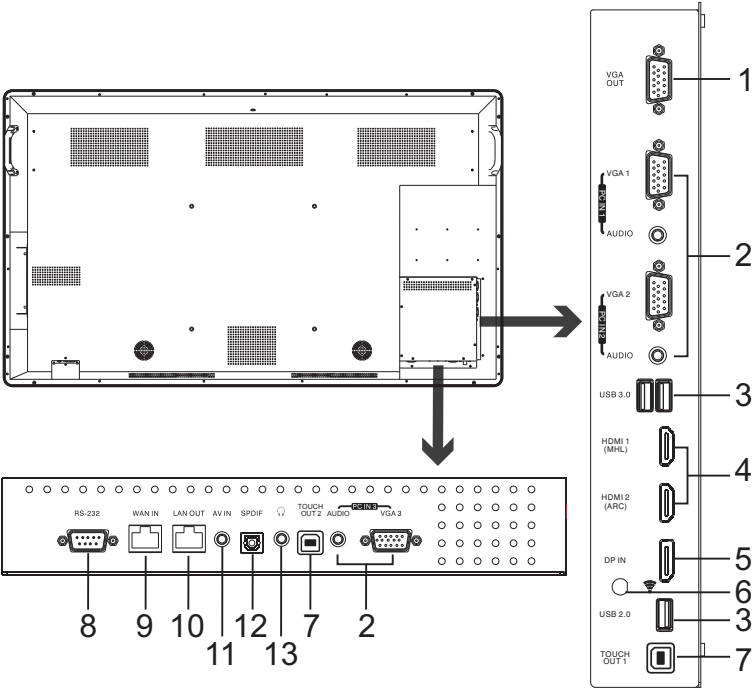
Viewing the control panel



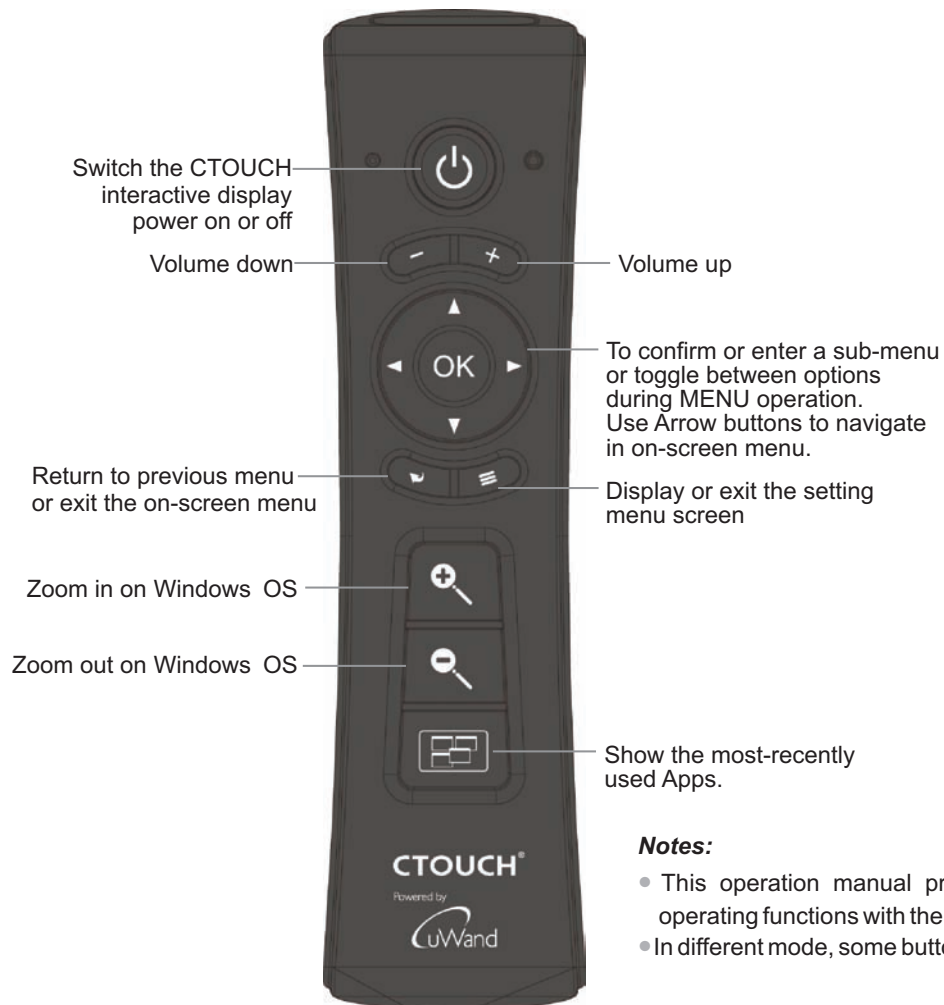
1	USB(2.0)(for camera)	This port is connected to PC (internal OPS), but is changed to Android if current source is AV, USB or in home page. Notes: 1. Please open the dust cover before being used. 2. It can perfectly support camera's up to 720p.
2	Internal PC module slot	Insert the CTOUCH internal PC module (Optional)
3	Power LED	Red: In standby mode. White: In power on mode.
	Remote control sensor	Aim the remote control towards this spot on the CTOUCH interactive display.
	Power	Switch the CTOUCH interactive display power on or off. Note: When the CTOUCH interactive display is turned on, press the button in middle to show the navigation bar, press the button for about 2 seconds and the screen will go into sleep mode.
4		USB for CTOUCH interactive display. (Android)
5		USB for Easy air PC module. Note: If there is no Easy air PC module inserted, the USB port has no function.
6	AC IN	Plug the AC cord into this jack and into a power outlet. (AC 100-240V 50/60Hz)
7	Fuse	12A 250V
8	Power Switch	Push (I) to connect the power, push (O) to cut off the power. Note: Don't cover the power switch.

Identification of Controls

Viewing the connection panel

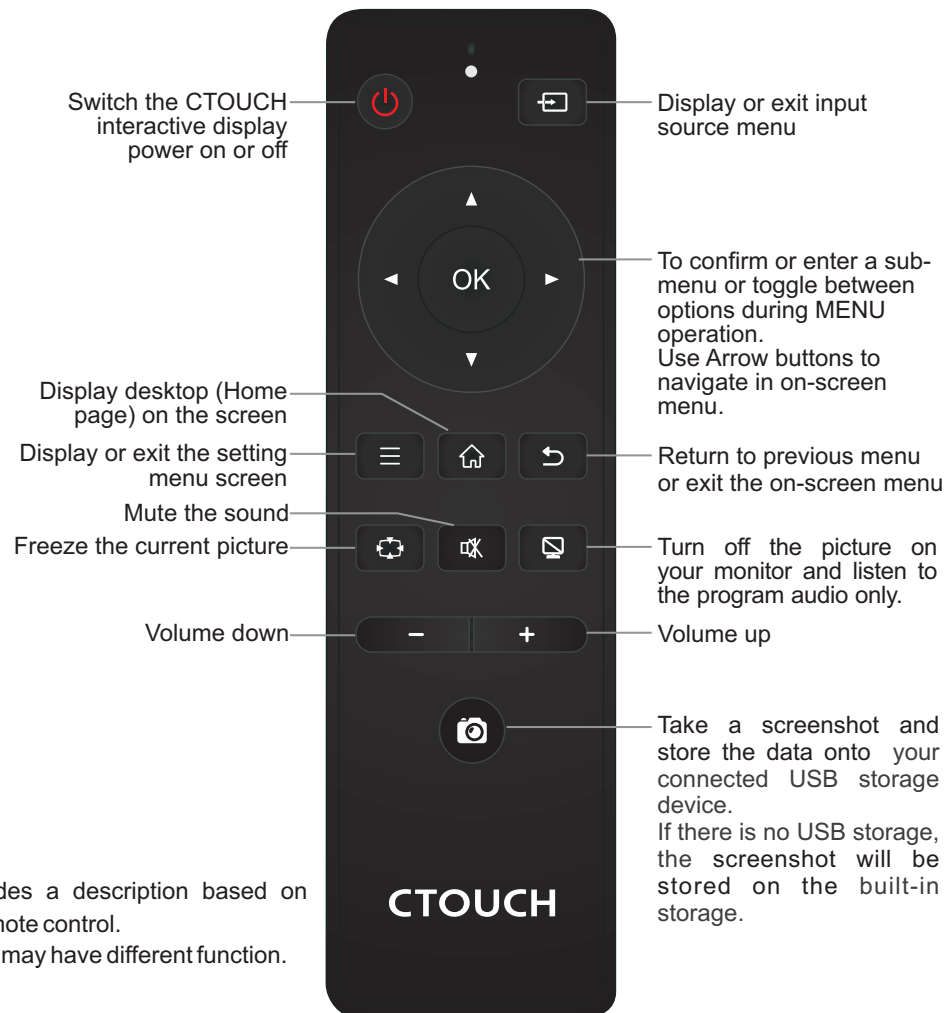


1	VGA OUT	Output of the currently selected PC IN 1/2/3 signal.
2	PC IN1/2/3	Connect the video/audio of a computer to these ports.
3	USB2.0/3.0	Connect USB devices to these ports.
4	HDMI1/2 INPUT	Connect an HDMI or DVI device to this jack. HDMI1(MHL): Connect a MHL-enabled device such as a smart phone to this jack to view the external device's screen on your screen. HDMI2(ARC): Connect an ARC-enabled home theater receiver to this jack.
5	DP(DisplayPort) INPUT	Connect an external device to DP out jack.
6	(Antenna)	WiFi antenna.
7	TOUCH OUT1/2	Output for external devices connected to PCx or HDMIx ports, which support touch systems. Note: TOUCH OUT 2 takes precedence over TOUCH OUT 1 in default. You can define it to in Lock menu.
8	RS232	For service, software upgrades and the other uses.
9	WAN IN	The built-in router input port. Connects the external network.
10	LAN OUT	The built-in router output port. Connects to another computer or other internet enabled devices.
11	AV IN	Input port for composite video.
12	S/PDIF digital audio output	Connect a digital sound system to this jack.
13		Connect headphones to this jack. The CTOUCH interactive display is the current audio output.



Notes:

- This operation manual provides a description based on operating functions with the remote control.
- In different mode, some buttons may have different function.



Connections

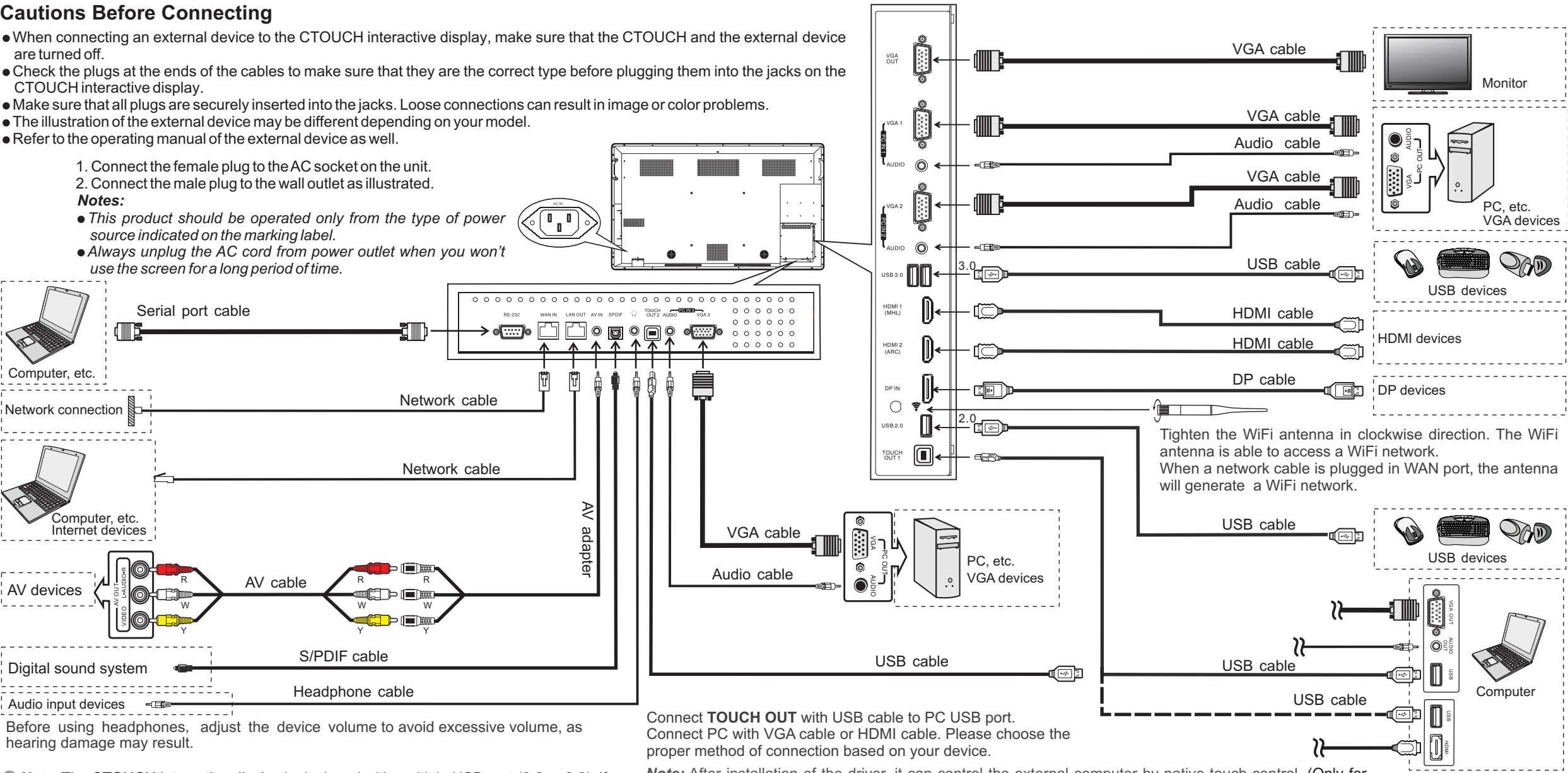
Cautions Before Connecting

- When connecting an external device to the CTOUCH interactive display, make sure that the CTOUCH 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 jacks on the CTOUCH interactive display.
- Make sure that all plugs are securely inserted into the jacks. Loose connections can result in image or color problems.
- The illustration of the external device may be different depending on your model.
- Refer to the operating manual of the external device as well.

1. Connect the female plug to the AC socket on the unit.
2. Connect the male plug to the wall outlet as illustrated.

Notes:

- This product should be operated only from the type of power source indicated on the marking label.
- Always unplug the AC cord from power outlet when you won't use the screen for a long period of time.



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

Note: The CTOUCH interactive display is designed with multiple USB port (3.0 or 2.0), if you want to connect a USB device, please select the appropriate port.

Connect **TOUCH OUT** with USB cable to PC USB port.
Connect PC with VGA cable or HDMI cable. Please choose the proper method of connection based on your device.

Note: After installation of the driver, it can control the external computer by native touch control. (Only for PC, HDMI signal)
TOUCH OUT 2 takes precedence over TOUCH OUT 1 in default. You can define it to in Lock menu.

Turning the CTOUCH interactive display on or off

- 1 Plug the power cord into an AC power outlet.
- 2 Press **Power Switch** on the CTOUCH interactive display.
- 3 Now the CTOUCH is in standby mode. Wait a moment until the power indicator lights up, then press ϕ button to turn on the CTOUCH interactive display.
Note: Be sure to wait for a few seconds before pressing ϕ button. If you promptly press ϕ button then the CTOUCH interactive display may not respond or act wrongly.
- 4 Press ϕ button again to turn off the CTOUCH and put the display in standby mode.
- 5 To cut off the power completely, press **Power Switch** on the back of the CTOUCH.
Note: If the CTOUCH interactive display does not receive a displaying signal for a certain time, the CTOUCH goes into standby mode.

The first time installation

Connect to power source and turn on the screen, the below installation menu page will display on the screen.

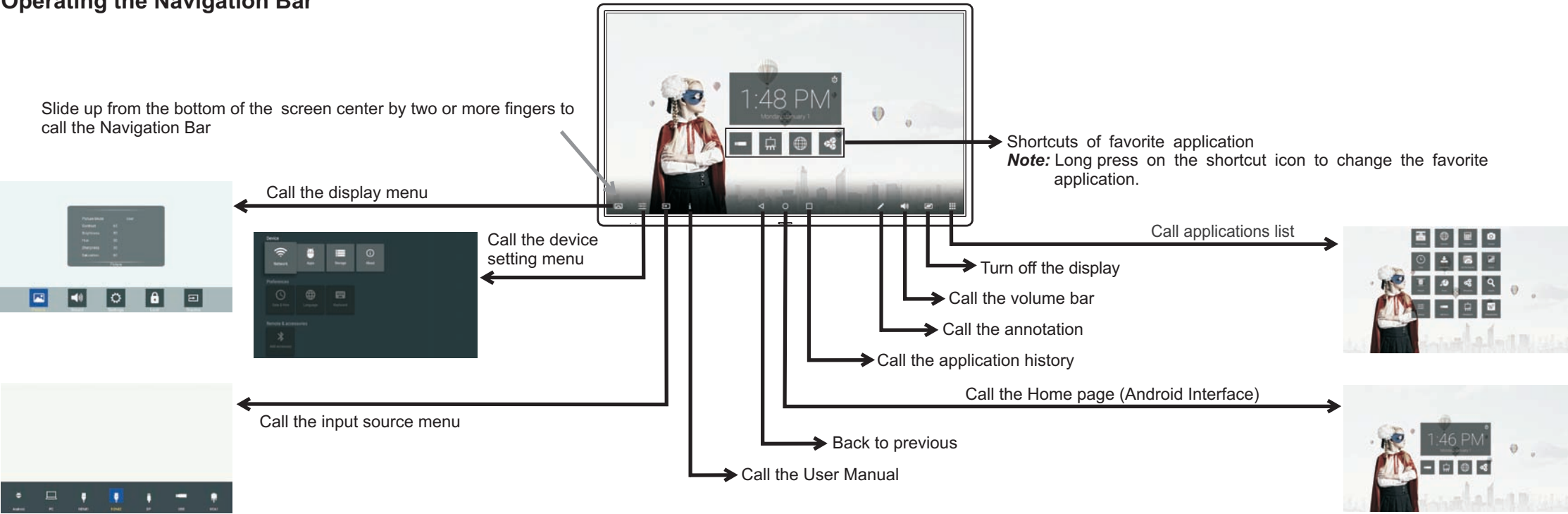


Select desired menu language, then press **START** and turn to the next page.



Select location and turn to the next page.

Operating the Navigation Bar



Menu List

Adjusting Picture mode



Picture	Picture Mode		Select your favourite picture mode for each input [Standard] / [Soft] / [User] / [Game] / [Writing] / Dynamic]
	Contrast		Adjust the contrast
	Brightness		Adjust the brightness
	Hue		Adjust the image hue (Only for NTSC system)
	Sharpness		Adjust the sharpness
	Saturation		Adjust the color saturation
	Backlight		Set up the overall brilliance of the screen
	Energy Save		The backlight brightness is decreased
	Screen	Clock	Adjust the screen size
		Phase	Adjust the focus of stable images
		H-Position	Move the image right or left
		V-Position	Move the image up or down
		Auto Adjust	Automatically adjust the image settings such as position and phase
	Color temperature		Select the color temperature If you select User , you can set the level of the red/green/blue as your desired
	Zoom Mode		Select the aspect ratio (display proportions) according to your video signal type or personal preference
	OverScan		Adjust the reproduction ratio, you may activate this function to obtain a cleaner picture
	Image NR		Turn on or off the noise reduction mode to reduce picture noise

Adjusting Sound mode



Sound	Sound Mode		Select your favourite sound mode for each input [Standard] / [Music] / [Movie] / [Sports] / [User] Note: We recommend that you select Standard mode
	Bass		Adjust Bass (low sounds)
	Treble		Adjust Treble (high sounds)
	Balance		Adjust volume level of right and left speakers
	AVC		Select [On] to equalize overall volume levels across all channels Select [Off] to turn off the auto volume control
	Surround		Turn the surround sound effect on or off
	SPDIF Output (digital signal only)		Select the digital audio output mode for S/PDIF Select [RAW] to output audio signal as its original format Select [PCM] to output audio signal by PCM format
	SPDIF Volume		Adjust SPDIF volume
	Alone		Turn off the picture on your monitor and listen to the program audio only Wake up by any key or touch with two or more fingers

Adjusting Setting menu



Setting	Source Auto Switch		Select On to automatically recognition source
	Color Range		Select color range (Only for HDMI mode)
	HDMI EDID Ver.		Select HDMI EDID Ver.
	MHL Auto Switch		Select On to automatically switch to the MHL input when it connected
	HDMI_ARC		Select On to turn on enable HDMI_ARC
	Movie Mode		Turn on or off the movie mode
	Menu Timeout		Select OSD menu display time
	Date / Time		Display Date and Time
	Off Timer		Set Off Timer to switch the CTOUCH to standby at a specified time
	On Timer		Set On Timer to turn on the CTOUCH automatically to source at a certain time
	Sleep Time		Set the duration of time until the monitor automatically goes into Standby mode [Off] / [10 Minutes] / [20 Minutes] / [30 Minutes] / [60 Minutes] / [90 Minutes] / [120 Minutes] / [180 Minutes] / [240 Minutes]

Adjusting Lock menu



The default password is 0000

Lock	Lock System	Select Off to in the Lock System menu to unlock it Select Lock Keypad in order to lock the CTOUCH buttons Select Lock Touch to disable the function of the touch panel Select Lock Both in order to lock the CTOUCH buttons and the touch panel
	Float Menu	Turn on or off the float menu display
	Set Password	Password settings
	Change Logo	Select Change Logo to access and change Logo Notes: 1. Save the logo which you are about to change on the USB stick. The logo file sizes should be <512K, and rename it as boot0.jpg. 2. Insert the USB stick into the USB port on the Android board.
	Power on Source	Power on Source Setting, in Memory mode, when the CTOUCH is turned on, it will automatically switch to the source where it powered off last time. Otherwise, it is in setting mode.
	Power on Volume	Power on Volume Setting In Memory mode, when the CTOUCH is powered on, volume will same as the power off.
	Volume Settings	In Settings mode, every time the CTOUCH turns on, volume is the value of this setting.
	System ID	Setting the device ID (The ID must be in the range of 0-255, but 138 and 168 are unused ID, 0 is for broadcast.)
	TouchOut1 To	TouchOut is there to define which touch signal output belongs to which input. E.g. if TouchOut1 is set to VGA1 it means the touch signal output from TouchOut1 belongs to the input from VGA1. When both ports are connected TouchOut2 has priority by default.
	TouchOut2 To	
	Wake up by gesture	Select On to enable two or more fingers touch the bottom of the screen and drag upward to turn on the CTOUCH when the CTOUCH is in standby mode.
	Restore To Default	Reset all settings to factory defaults



Network Setting



Show all apps

Display System Storage

Display information of the unit

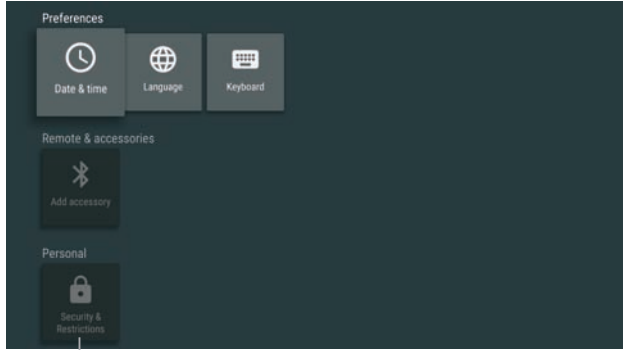
To set default input method
To set Android keyboard(AOSP)

To set on-screen language

To set date and time

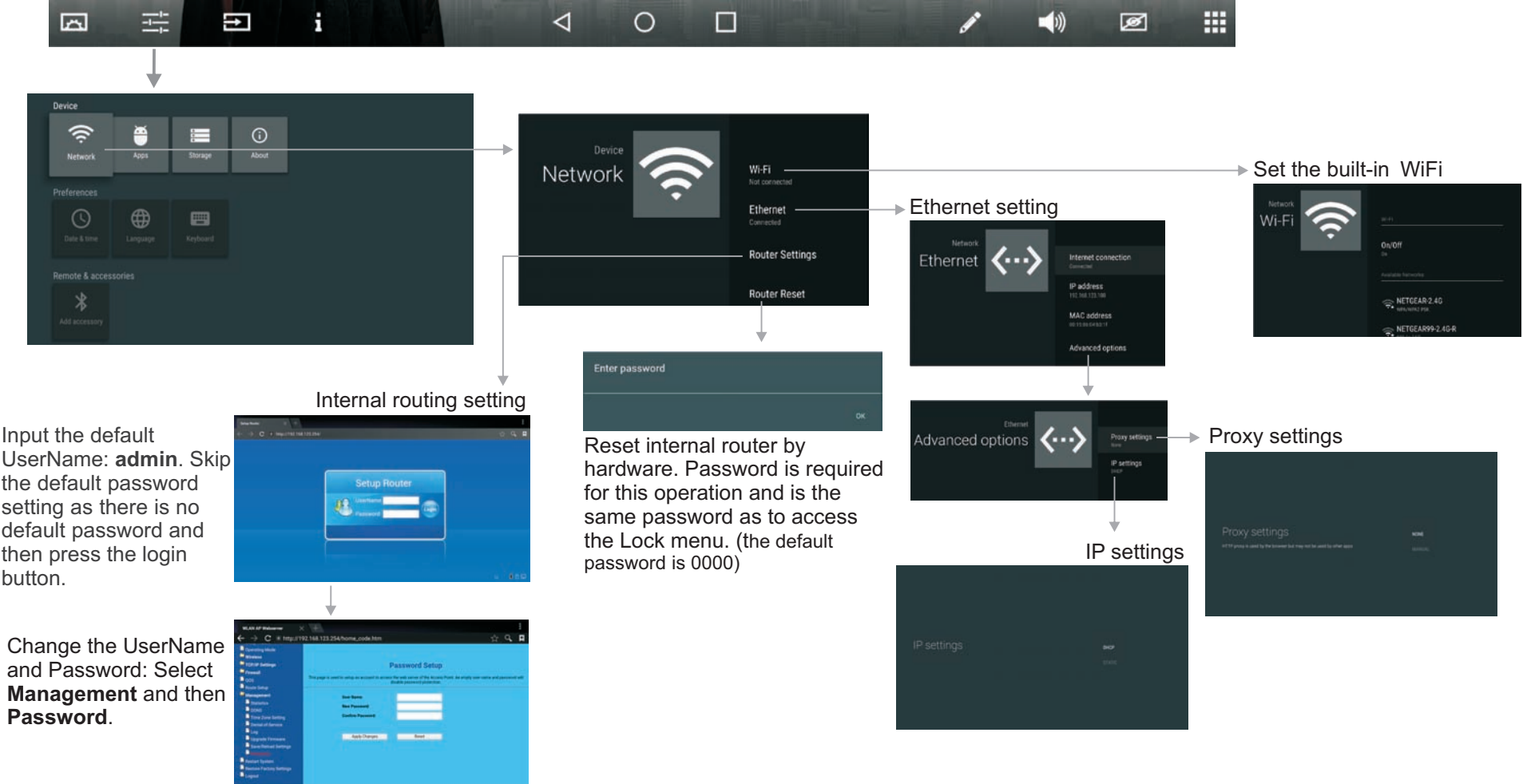
Note: To manually set date and time, you should toggle "Automatic date & time" to OFF.

Automatic search for Bluetooth devices



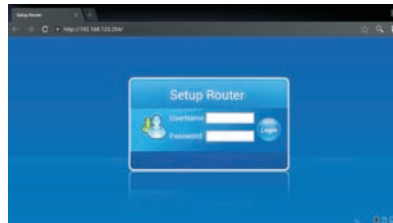
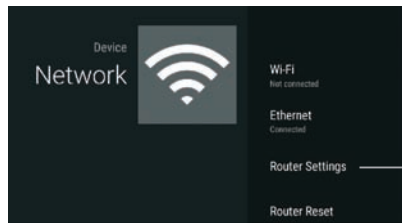
To set Security and Restrictions
Allow installation of apps from sources other than the Play Store

Network Settings

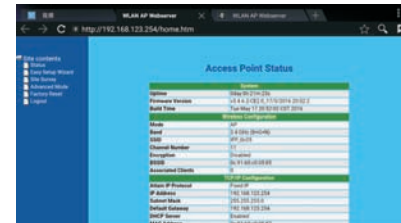


Wired Network Setting (Internal router)

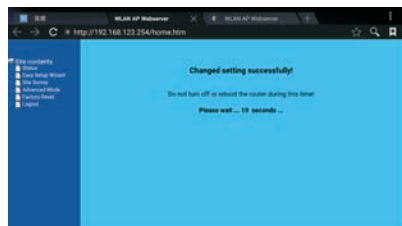
Method 1: Easy Set Wizard



Input the default UserName: **admin**. Skip the default password setting as there is no default password and then press the login button.



Select **Easy Set Wizard**



Finished



Select **Gateway**
Next



Password setting format
WiFi password of internal
router in the CTOUCH
interactive display (Password
should be set at least 8
characters)

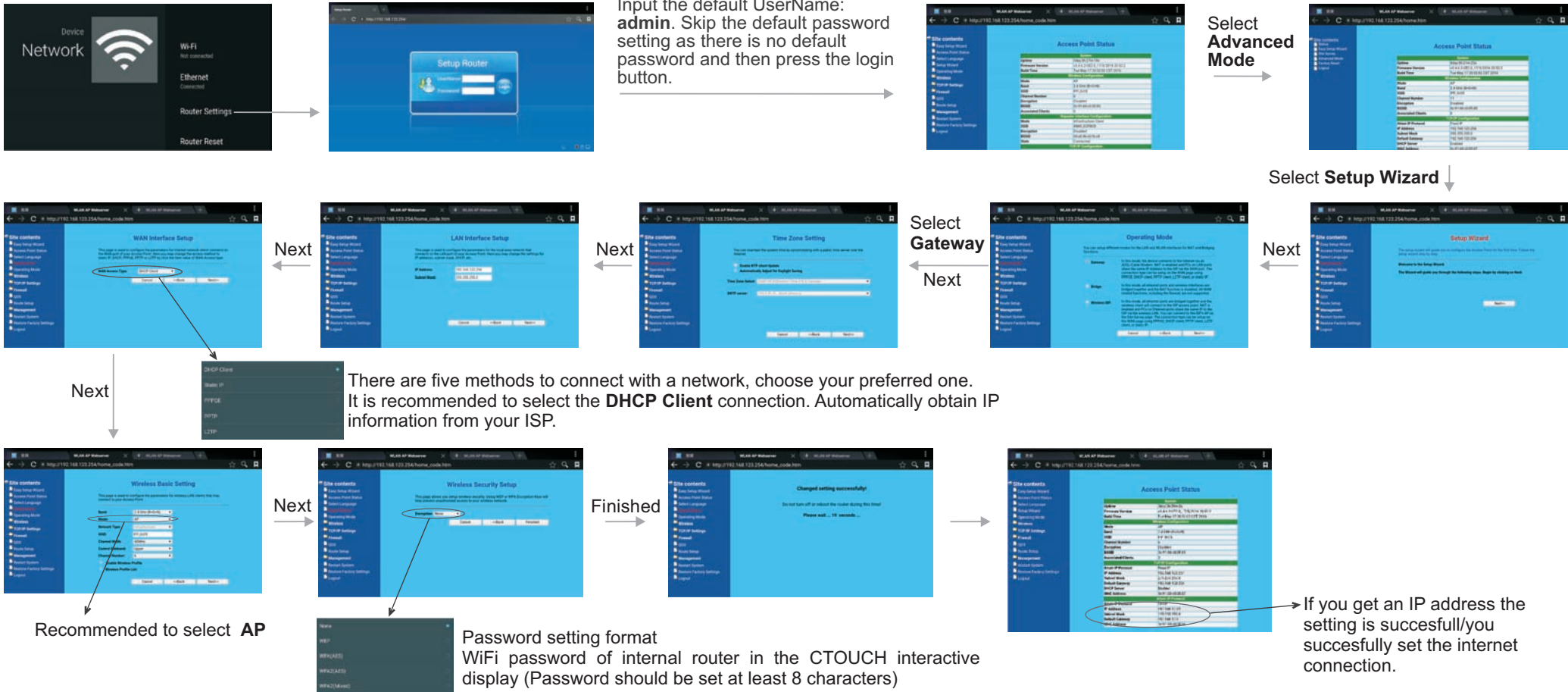
If you get an IP address the
setting is successful/you
successfully set the internet
connection.



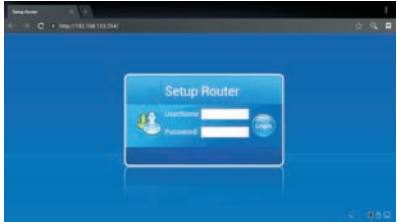
There are five methods to connect with a network, choose your preferred one. It is recommended to select the **DHCP Client** connection. Automatically obtain IP information from your ISP.

Network Settings

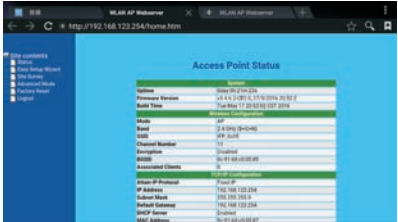
Wired Network Setting (Internal router) Method 2: Advanced mode



Wireless Network Setting (Internal router)
Method 1: Easy Set Wizard



Input the default UserName: **admin**. Skip the default password setting as there is no default password and then press the login button.

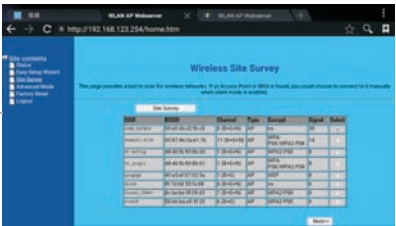


Select Easy Set Wizard



Select **Wireless ISP** Next

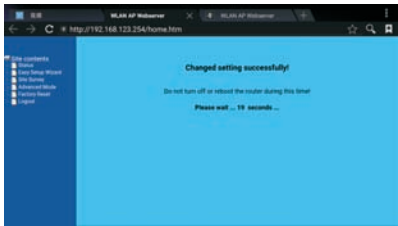
Select your desired WiFi signal
Next



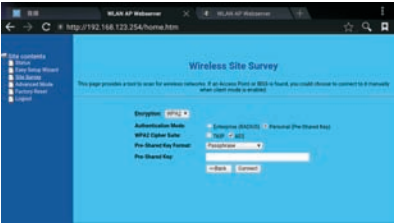
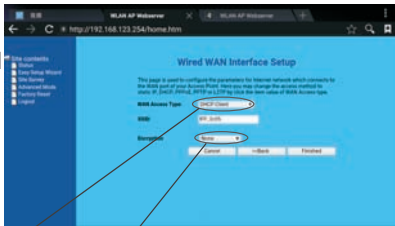
Confirm Site Survey



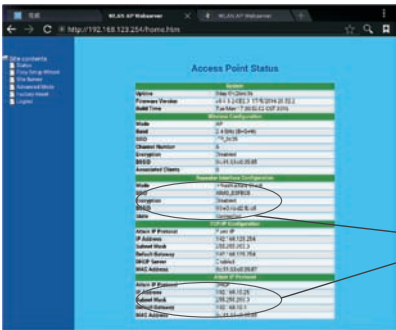
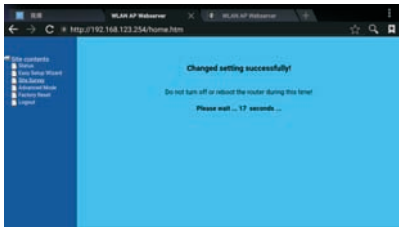
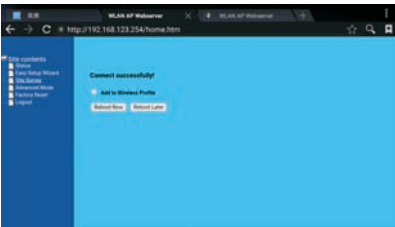
Successfully connected to return
Select Site Survey



Finished



Input password Connect



There are five methods to connect with a network, choose your preferred one. It is recommended to select the **DHCP Client** connection. Automatically obtain IP information from your ISP.



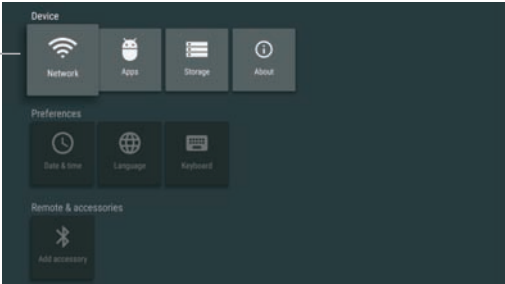
Password setting format
WiFi password of internal router in the CTOUCH interactive display (Password should be set at least 8 characters)

If you get an IP address the setting is successful/you successfully set the internet connection.

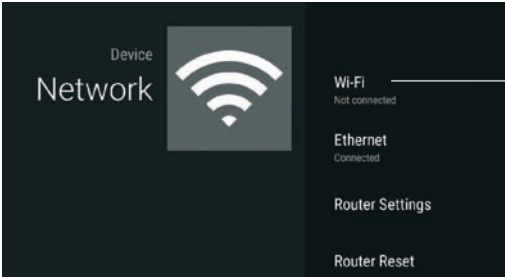
Method 2: Advanced mode



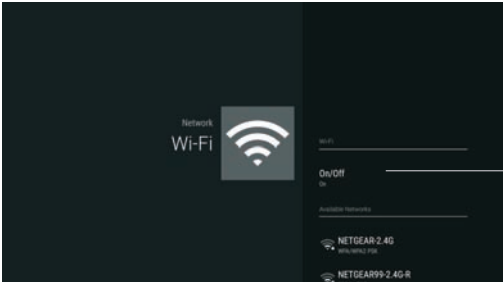
Wireless Network Setting (Built-in WiFi card)



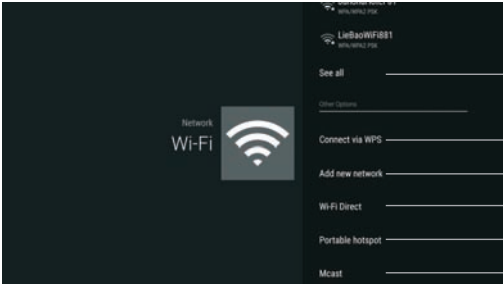
The main Settings application screen. The 'Network' icon is highlighted with a white border. Other icons include Device, Apps, Storage, About, Date & time, Language, Keyboard, and Add accessory.



The Network settings screen. It shows 'Wi-Fi' as 'Not connected', 'Ethernet' as 'Connected', and options for 'Router Settings' and 'Router Reset'.



The Wi-Fi settings screen. It shows the 'Wi-Fi' toggle switch turned 'On'. Below it, a list of available networks is shown, including 'NETGEAR 2.4G' and 'NETGEAR 2.4G-B'.



The Wi-Fi settings screen with various options expanded. The 'See all' option is selected, showing a list of available networks. Other options like 'Connect via WPS', 'Add new network', 'Wi-Fi Direct', 'Portable hotspot', and 'Mcast' are also visible.

Turn on or off the built-in WiFi

Display all of the WiFi sites available

Connect to WPS (WiFi Protected Setup) router

Add a new network manually

Scanning WiFi direct device

Setting Portable WiFi hotspot

Turn on enable Mcast

Using USB Multi Media Player

You can connect a USB storage device to your CTOUCH interactive display to view compatible photo and movie on the large screen of the CTOUCH or play compatible music so that the sound can be output from the CTOUCH interactive display's speaker.

To use USB multi media player, please go to the USB source by pressing the USB button. Or press the **Home** button to display the Home Page and then select the **USB Drive** icon to access.

Notes:

- Never remove the USB storage device or turn off the CTOUCH interactive display while using the USB storage device.
- It is recommended that you back-up your USB device data.
- The USB menu may vary in different situations or versions.
- If you want to pull out the USB device, please exit USB mode first. For instructions on using your USB device, refer to the user's manual of your USB device.
- Please name your files in Latin alphabet. Otherwise the file names can not be shown correctly.
- Certain types of USB devices may not be compatible with this CTOUCH interactive display.

USB multi media interface introduction

Exit USB multi media —
Select browse format —
To select and play files from different sources
(You can select from local disk device (USB device),
network SAMBA device)

All: Select to show **all files** so that you can easily select any file to play

Picture: Select to view compatible **photos**

Song: Select to play compatible **music**

Video: Select to play compatible **movie**



Playing Photo

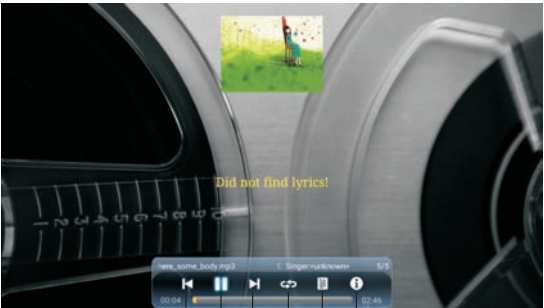
With the photo viewer you can view compatible photos (in JPG, BMP and PNG format). Also you can zoom, rotate photo, etc.



- previous photo
- play/pause
- next photo
- zoom in
- zoom out
- show information
- rotate clockwise
- rotate anti-clockwise

Playing Music

With the USB music player you can play compatible music (in MP3 and AAC format).

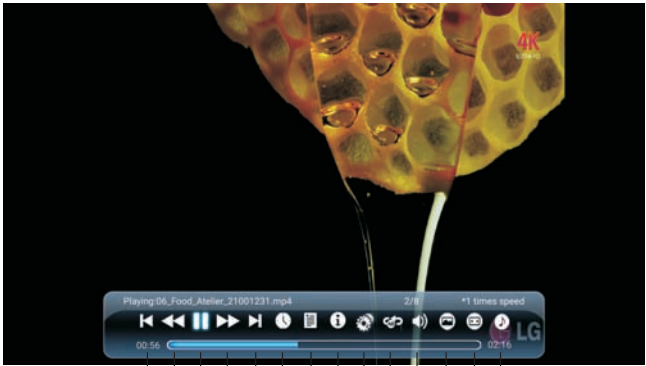


- previous song
- pause/play
- next song
- repeat mode select
- show information
- show playlist

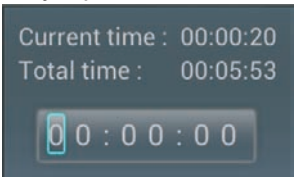
repeat a single music file, repeat all music files in the selected folder when it plays to the end, no repeat when it plays to the end.

Playing Movie

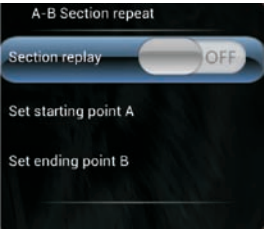
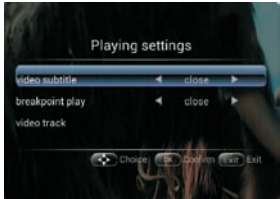
With the USB movie player you can play compatible movies (in AVI, MPG, MPEG, DAT, MP4, TS, RM/RMVB and MKV/MOV format).



- previous movie
- fast reverse
- play/pause
- fast forward
- next movie
- skip to specific point by input time
- select sound mode
- select aspect ratio
- select picture mode
- adjust the volume
- A-B section repeat
- playing settings



- show playlist
- show information



Now AB repeat starts. To cancel, highlight **Section replay** and toggle it to **OFF**.

Troubleshooting

If, after reading these operating instructions, you have additional questions related to the use of your CTOUCH interactive display, please call the services center in your local area, for contact information and full warranty conditions refer to www.ctouch.eu/warranty. Before calling service, please check the symptoms and follow suggested solutions.

Video and Audio

<i>Problem</i>	<i>Possible Solutions</i>
No picture (screen not lit) but no sound	<ul style="list-style-type: none">• Make sure the power cord is plugged in.• Press POWER on the CTOUCH interactive display or on the remote control.• Test another source.
Dark, poor or no picture (Screen lit) but good sound	<ul style="list-style-type: none">• Select a proper picture mode.• Adjust the brightness in the video setting.• Test another source.
No color, dark picture or abnormal color	<ul style="list-style-type: none">• Adjust the color 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 sound should output and/or test another source.
Audio noise	<ul style="list-style-type: none">• Communication problems may occur if infrared communication equipment (e.g., infrared cordless headphones) is used near the CTOUCH interactive display. Move the infrared communication equipment away from the CTOUCH until the noise is eliminated.

Remote Control

<i>Problem</i>	<i>Possible Solutions</i>
Remote control does not operate	<ul style="list-style-type: none">• Make sure the power cord is plugged in.• Check the orientation of the batteries.• The batteries could be weak. Replace the batteries.

General

<i>Problem</i>	<i>Possible Solutions</i>
Some items can not be accessed	<ul style="list-style-type: none">• If a setting option appears in gray, this indicates that 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 command is not working in some cases	<ul style="list-style-type: none">• During the timing of USB device detection (i.e. when the CTOUCH interactive display is turned on with USB device connected, or when you plug in USB device during the working of the CTOUCH), the display may not react on remote control buttons in such case. Wait a moment before the remote control should function again.
Control buttons do not operate	<ul style="list-style-type: none">• Disconnect the power cord and wait for a few seconds. Then re-plug the power cord and turn on the unit again.

Note: If your problem is not solved, turn off your unit and then on again.

Cautions: Never attempt to repair a defective CTOUCH interactive display yourself.

Model No.	CLAP-55FHDA5	CLAP-65FHDA5	CLAP-70FHDA5	CLAP-65UHDA5	CLAP-75UHDA5	CLAP-84UHDA5
Visible screen size	55inches(diagonal)	65inches(diagonal)	70inches(diagonal)	65inches(diagonal)	75inches(diagonal)	84inches(diagonal)
Power Source	AC 100-240V, 50/60Hz					
Current Max.	2.4 A	2.8 A	3.1 A	2.8 A	5.2 A	6.2 A
Power Consumption	160 W	255 W	280 W	255 W	495 W	555 W
Standby condition *	< 3 W	< 3 W	< 3 W	< 3 W	< 3 W	< 3 W
Number of pixels (Display panel)	1920×1080	1920×1080	1920×1080	3840×2160	3840×2160	3840×2160
Dimensions (W×D×H) (Unit: mm)	1297.6×113×781.6	1513.6×116×901.6	1628×115×968	1513.6×116×901.6	1735.6×108×1027.6	1963.6×112×1159.6
Weigh	39.6 kg Net	58 kg Net	75 kg Net	58 kg Net	85 kg Net	106 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 CTOUCH interactive display						
AV IN	1		WAN IN	1		
PC IN	3		LAN OUT	1		
VGA OUT	1		S/PDIF OUT	1		
HDMI Input	2		Headphone	1		
DP Input	1		RS232	1		
USB	4		TOUCH OUT	2		

Notes:

- Design and specifications are subject to change without notice.
 - Weight and dimensions shown are approximate.
 - 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 3W.