IQ™

IQTOUCH

USER MANUAL

Contents

Notices

Thanks for purchasing our IQ product. This product has been tested before shipping, but incorrect using may lead to fire hazard. For safety, please read these instructions completely before using the equipment.

- Be strictly adhered to all instructions when operating the product, which has dangerous high voltage inside the product.

- Only use attachments/accessories specified by the manufacturer.

Safety Instructions:

- Protect the power cord from being tread upon or pinched otherwise it may cause hazard.

- Please keep your hands dry when unplug the power cord from the outlet.

- Keep the device away from over-heated, over-cooled or damp environment, and don't place the device under direct sunshine.

- Holes on the casing are designed for ventilation and heat dissipation. To gain fully ventilation, please always keep at least 10cm clearance between the wall and equipment.

- Please do not install the product in embedded facility unless there is good ventilated device.

- Please place this product on flat ground to prevent from falling and damaging.

- Operate your device only from the type of power source indicated on the marking label. This device only works for AC 100-240V.

- Do not overload power outlets and extension cords because this can result in a risk of fire or electric shock.

- Unplug this device from the power outlet and ask qualified technician under the following conditions:

　· The power cord is damaged or abrasion.

　· Fall from high place or case damage.

　· Stuff or liquid fall into the machine.

　· Unusual sound, smell etc.

　· Abnormal phenomenon during using.Machine fails to work after operating by instruction.

- Replacement parts

When replacement parts are required, make sure that the replacement parts specified by the manufacturer that have the same characteristics withprevious one.

- Transit

When a cart is used for product transit, please pay attention to protect the screen panel. Avoid damage from falling down caused by over-brake and over-force.

- Cleaning

Unplug your machine before cleaning. Do not use liquid or chemical cleaners. A damp cloth is suggested to clean the exterior of your machine.The screen panel must be cleaned with soft wet cloth and alcohol, solvents, or ammonia liquid is banned.

- Environment

The screen image quality may become poor when the device is removed from low to high temperature environment or screen face to the air-conditioner.Be sure to make the fog evaporated before using.

# Ports and Buttons

Control Buttons on Front

Front Port

Control buttons on frame
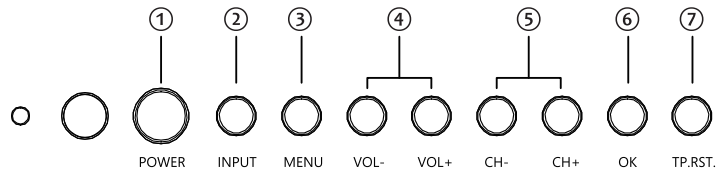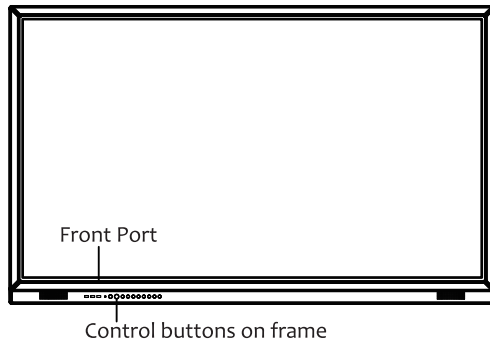
No.	Buttons	Functions
1	Power on/Standby	Hold to power on/off Short press to enter energy saving mode
2	Input	Select different input source
3	Menu	Enter into main menu
4	Vol-/Vol+	Control sound volume
5	CH-/CH+	Select TV channel Select the function under pop-out OSD Menu
6	OK	Confirm your selection
7	Reset	**Pressing this button for 3 seconds** to restore touch system when it fails to work

Ports on front
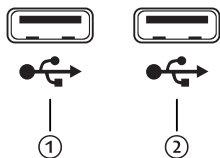
① Connect external USB storage device

② Connect external USB storage device

Ports on side/rear
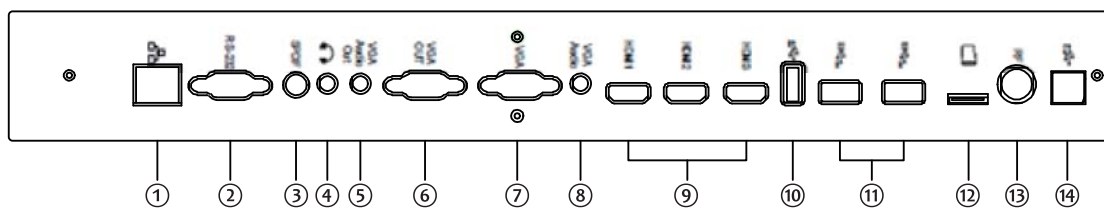
1. RJ45	8. VGA -AUDIO
2. RS232	9. HDMI
3. SPDIF	10. USB
4. MICROPHONE	11. USB3.0
5. VGA-AUDIO OUTPUT	12. TF Card
6. VGA OUTPUT	13. RF(optional)
7. VGA	14. USB –TOUCHCONTROL

Note: The design and quantity of ports& buttons are different by model.

Remote Control

No.	Buttons	Functions
1	⏻	Power on/off
2	🔇	Mute the sound
3	0~9	Input digit/ "space" in OPS mode
4	Alt+Tab	Change window in OPS mode
5	Alt+F4	Close window in OPS mode
6	⊞	Start menu in OPS mode ★
7	🗎	Right button in OPS mode ★
8	▲▼◀▶	Up/down/left/right button
9	✎	Active touch TV application in OPS mode ★
10	Esc/Exit	Stop current operation or exit menu
11	PgUp/PgDn	Next/ Previous page in OPS mode
12	VOL-/VOL+	Control sound volume
13	CH-/CH+	Select TV channel
14	INPUT	Select different input source
15	MENU	Open/Close menu
16	RESET	Restore system
17	🔅	Open/close backlight
18	PC	OPS computer shortcut
19	VGA	VGA mode shortcut
20	HDMI	HDMI mode shortcut
21	MEDIA	Multi-media mode shortcut
22	DISPLAY	Show program info.
23	P.MODE	Select picture mode
24	SLEEP	Sleep timing shutdown
25	S.MODE	Select sound mode
26	F1/ ◀◀	
27	F2/ ▶▶	
28	F3/ ▶❚	
29	F4	
30	F5/ ❚◀◀	
31	F6/ ▶▶❚	
32	F7/ ■	Correspond to computer buttons F1-F12
33	F8	
34	F9	
35	F10	
36	F11	
37	F12	
★ : Only part of device support this feature		

Note: The functions on the Remote Control are different by model.

Install Remote Control battery

(1)   (2)   (3)
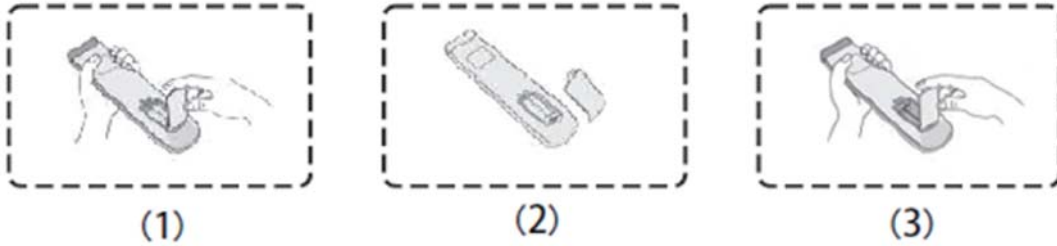
1. Insert two AAA batteries (7#, 1.5V) into the battery compartment.

2. Make sure the battery match the +/- symbols in the compartment.

3. Close the battery cover and make cover buckle into the housing.

Note: Direct the Remote Control to the device receiving place, any block between the Remote Control and receiving place would hamper the operation.

Basic Operations

1) Power on/off

Connect the power plug to power outlet. Hold the "power" button on the device or the Remote Control to power on. Hold the "power" button again to power off the device.

2) Standby

Under power on mode, press the "power" button on the device or the Remote Control to change to standby mode.

3) Input selection

Press "Input" button on the device or Remote Controlto select input source,select the desired input by Up/Down on the Remote Control or "CH-/CH+" button on the device.

Note:

The device will be changed to standby mode automatically if you set a time switch.

Unplug this device when it will be unused for long periods of time.

Pull-up Menu

Pull-up fingerfrom the bottom area of screento show pull-up menu.

Menu instructions

Back: Back to the Main interface.

Home: Enter the Android System.

Task: Enter the tasks interface to display all the tasks you opened.

Input: Display the input source interface.

Menu: Display the system settings interface.

Vol-/Vol+: Adjust the device sound.

Bright-/Bright+: Adjust the device brightness.

Wpanel: Enter the whiteboard function.

Scomme:Start the annotation.

Scshot: Capture the screen.

User: Define by user.

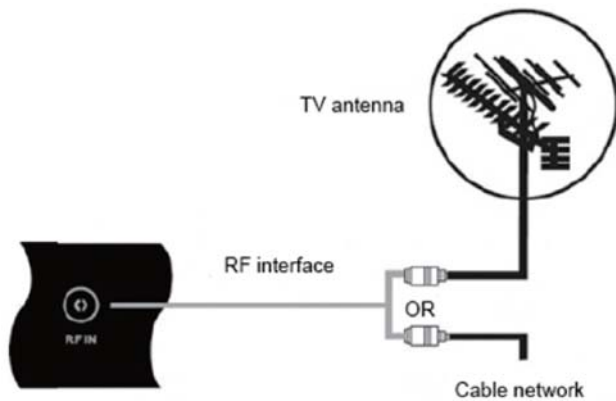# Device Connections

Connect external computer to touch TV

1) Connect the computer HDMI/VGA port to IQTouch corresponding ports via HDMI/VGA cable.

2) Connect computer USB port to Touch pane's USB port via USB cable.

3) Plug-in the power cord and start the IQTouch

4) Press "Input" button to select signal source (external computer).
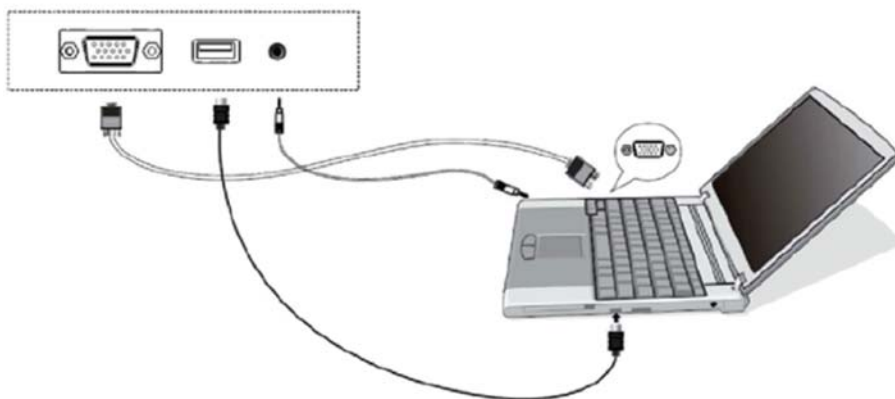
Note: If the VGA/DMI is connected to the front port，TOUCH_USB must follow the front port；if to the back port, the same with TOUCH-USB. Otherwise the connection won't work.
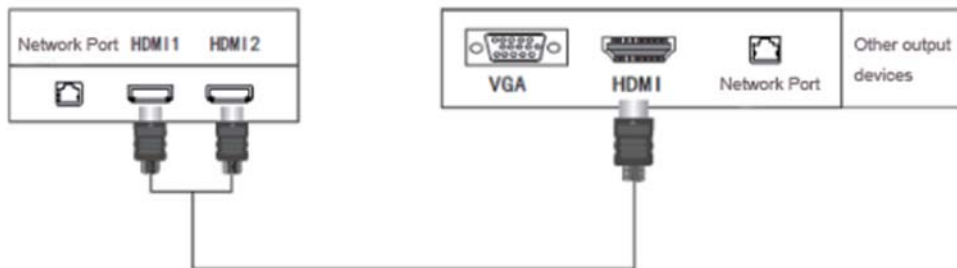
Connect TV antenna(optional)

1) Insert the air-antenna or TV cable into IQTouch RF port.

2) Turn on the power switch. Power indicator lighting shows the power is on.

3) Press power button or channel button to turn on the machine if there is no picture on TV screen.
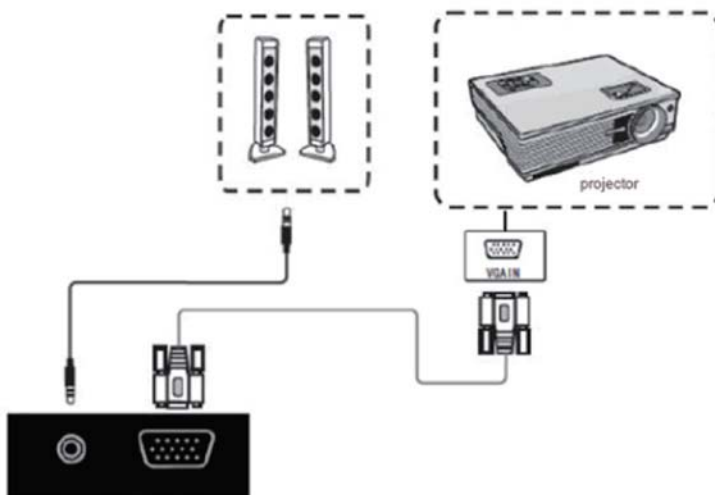

Note: The TV function depends on model.

Connect HDMI signal

Note: HDMI cable can synchronously transmit video and audio signal, no need additional audio cable.

Connect VGA Output port

Connect Setup Box or DVD device
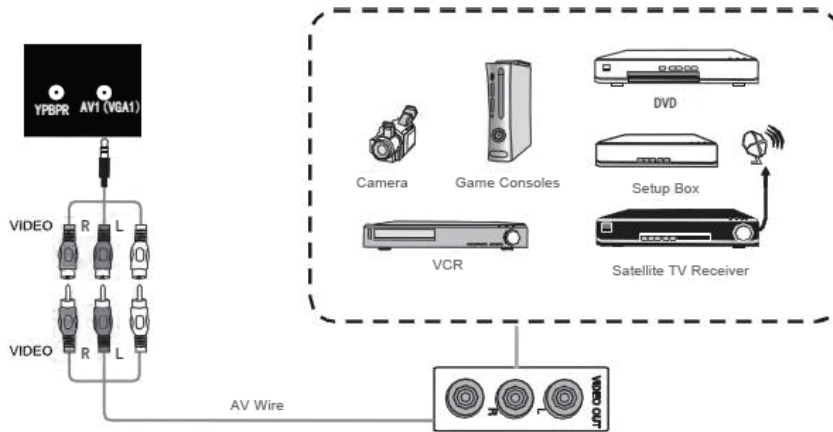
Connect YPBPR port

Connect RS232 device

Central control equipment
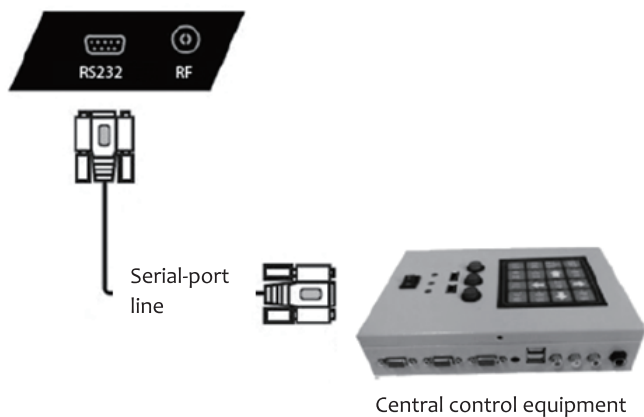
After connecting the Central-control equipment to IQTouch TV via serial-port line,part functions of Central-control equipment can be utilized, such as power on/power off, adjust the volume.
(some Central-control equipment depend on protocol support)

System Settings

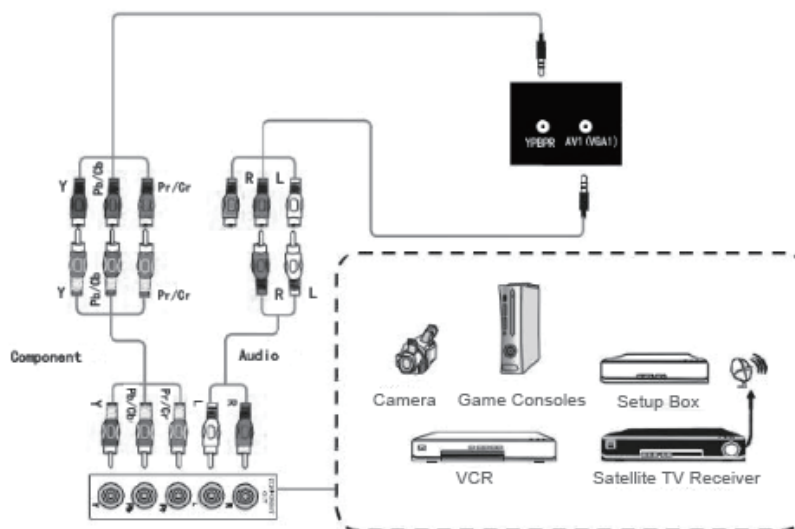Press "Menu" button on the device or Remote Control, the main menu will occur on the screen, select the desire settings by "Up/Down" button on the Remote Control or "CH-/CH+" button on the device.Press "Menu" button to exit main menu when the main menu display on screen.
The System Settings include General/Image/Sound/Channel/Network/Intelligent/System/About
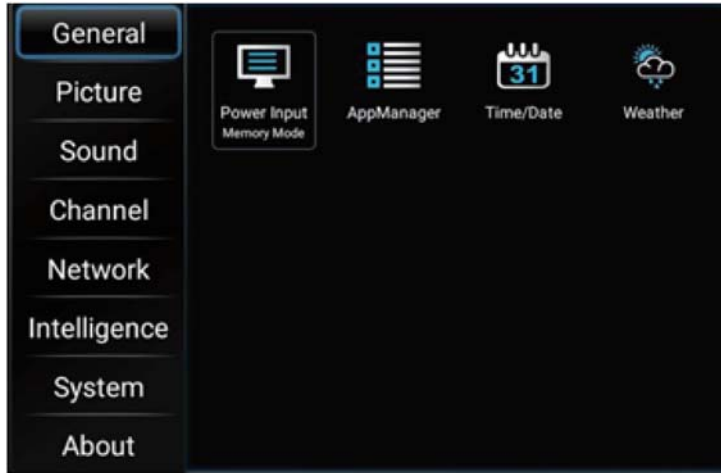
Troubleshooting

Before seeking repair service, please check the following items to confirm if the issues can be solved

Issues	Check items
No sound (TV, Video, PC)	• Volume setting (minimum value) • The sound is mutes • Audio cable connection
No sound and image (TV, Video, PC)	• AC 220V power supply • Signal cable connection • Power on the Touch TV and external device
Noise only, without sound and image(TV)	• Antenna connection • Antenna receiving ability
Image quality is not good (Video, TV)	• Video signal source type • Antenna connection • Antenna receiving ability
Image fuzzy (TV)	• TV signal issue • TV station issue • Outdoor antenna connection
Image double/triple shadow(TV)	• Antenna direction • Mountain or building reflection waves
Image with interference fringe, color tonal weaker	• Interference from other device • Transmitting antenna • Try to far away from the Interference source
Remote Control failure	• Remote Control wrong direction • Battery wrong polarity
Touch TV power off automatically.	• Sleep mode • No power supply • No signal input
Signal extends range(Computer mode)	• Display setting • Display resolution • Horizontal /vertical sync signal
Interference in background(Computer mode)	• Show menu and select auto adjustment
Image lack of color or incorrectcolor is (Computer mode)	• VGA cable connection • Adjust the brightness/color/contrast
Show un-supported format (computer mode)	• Show menu and select auto adjustment
Touch function disabled	• Install touch driver • Touch object has similar size with fingers • Re-install the touch driver
Touch position is not correct	• Install touch driver • Touch pen fall on the screen • Re-install the touch driver

FCC Warnning:

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

IQ™

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