
IQTouch L Series

—User Manual—



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Charter1: Notice

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 with previous 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.

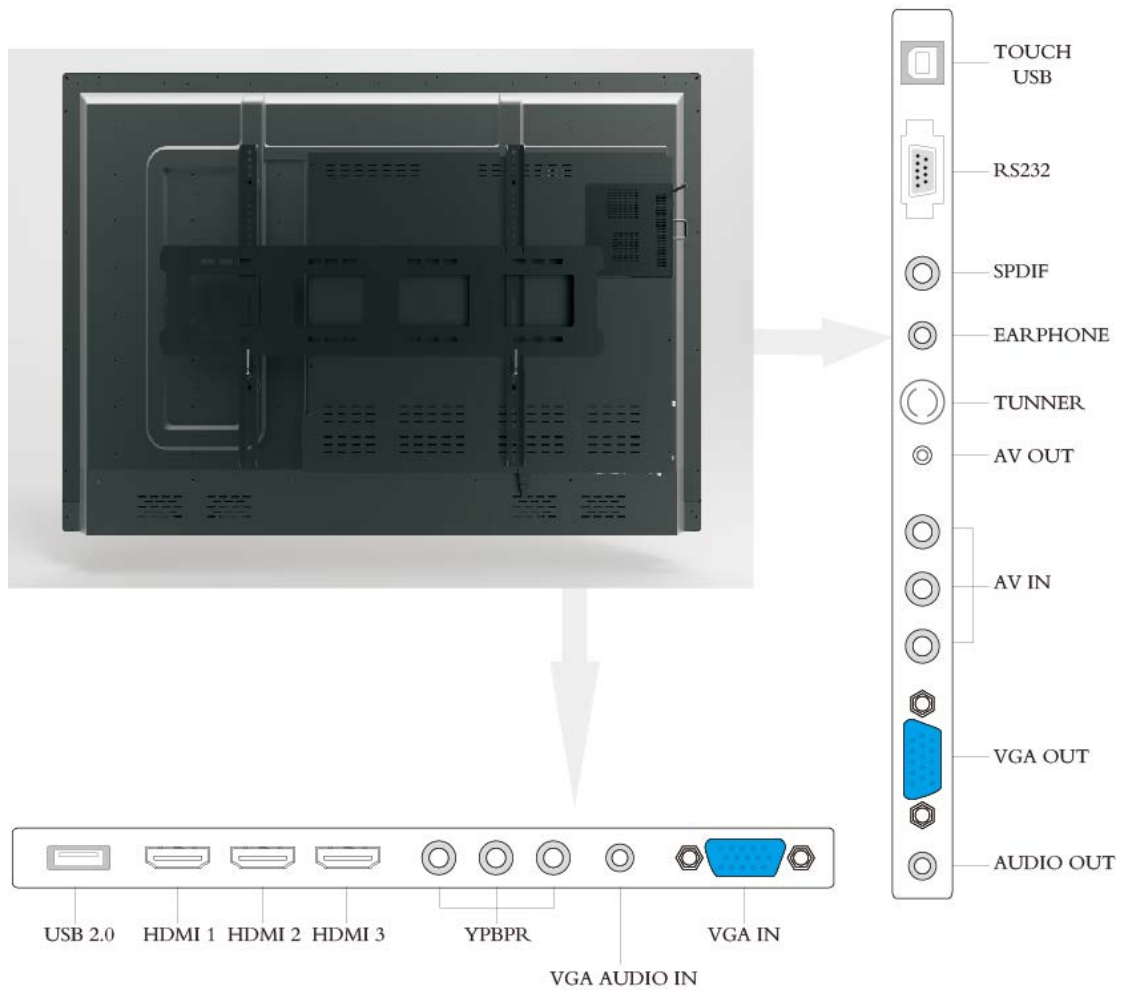
- Environment

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.

Charter2: Ports and Buttons



Pic.1: Front ports and buttons















Pic.2: Side and bottom ports

Charter3: Remote Control



Pic.3: Remote control

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

NO	Button	Function
1.		Power on/off
2.		Mute
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.	PgUp/PgDn	Next/previous page in ops mode
7.	Reset	Restore system
8.		Start menu in OPS mode
9.		Right button in OPS mode
10.		Up/down/left/right button
11.		Active touch TV application in ops mode
12.	Esc/Exit	Stop current operation or exit menu
13.	VOL+/VOL-	Control sound volume
14.	CH+/CH-	Select different input source
15.	Input	Select different input source
16.	Menu	Open/close menu
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.	Sleep	Sleep timing shutdown
23.	Display	Show program info.
24.	P.Mode	Select picture mode
25.	S.Mode	Select sound mode
26.	F1/ 	Sleep timing shutdown
27.	F2/ 	Select sound mode
28.	F4	Correspond to computer buttons F1-F12
29.	F5/ 	
30.	F6/ 	
31.	F7/ 	
32.	F8	
33.	F9	
34.	F10	
35.	F11	
36.	F12	
*:Only part of device support this feature		

Charter4: Communication Protocols Basic Operation

RS_232 Communication Protocol

Baud Rate: 115200

Data Length: 8 bit

Communication Code: ASCII

Stop Bit: 1 bit

Use a straight-through cable

Function	Communication Protocols	Function	Communication Protocols
POWER	99 A2 01 01 27 AA	Right	99 23 25 01 DA AA
SOURCE	99 23 13 01 EC AA	OK	99 23 26 01 D9 AA
TV	99 23 07 01 F8 AA	Menu	99 23 12 01 ED AA
AV	99 23 08 01 F5 AA	Home	99 23 00 01 FF AA
YPBPR	99 23 0A 01 f5 AA	Mute	99 23 02 01 FD AA
VGA	99 23 0B 01 F4 AA	VOL+	99 23 17 01 E8 AA
HDMI	99 23 0E 01 F1 AA	VOL-	99 23 17 01 E7 AA
UP	99 23 22 01 DD AA	ECO	99 23 16 01 E9 AA
DOWN	99 23 23 01 DC AA	PC	99 23 11 01 EE AA
LEFT	99 23 24 01 DB AA	Multi-Media	99 23 27 01 D8 AA

Basic Operation:

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) The image and audio setting will be saved when the device is shut down.

Charter5: Product Installation and Testing

5.1 Connect Device with external PC

1. Minimum Configuration Requirement of External PC

*With 2.1GHZ CPU above (recommend: Intel core2 duo above PC/notebook)

*1G DDR1 RAM above (recommend: 2G DDR2 above)

*128G HDD

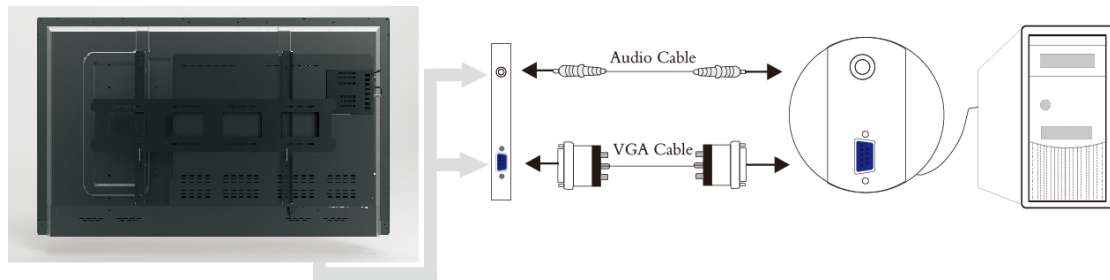
*USB/VGA/HDMI ports

*Window7/Window8/Window10

2. Installation and connection

1) Connect IQTouch to AC100~240V via power cord.

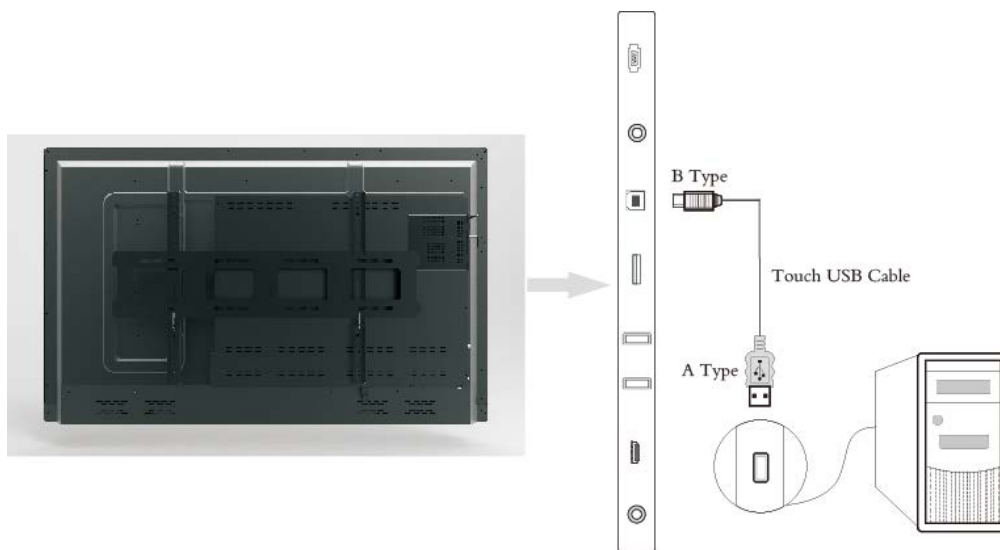
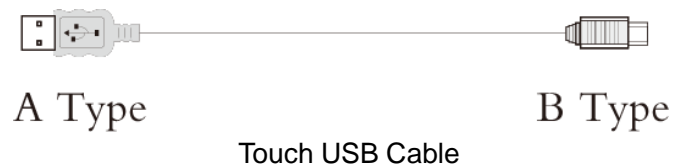
2) Connect VGA & Audio cable or HDMI to IQTouch



Pic. 4: connect IQ touch to external computer

3) Connect Touch USB Cable

- ① Connect A type of USB cable to the USB port of computer.
- ② Connect B type of USB cable to the touch USB port of IQTouch



Pic. 5: Touch USB Connection

4) Connect external computer to Device

- ① Connect the computer HDMI/VGA port to device corresponding ports via HDMI/VGA cable.
- ② Connect computer USB port to IQTouch USB port via USB cable.
- ③ Plug-in the power cord and start the IQTouch
- ④ Press Input button on the front panel, pull up from the bottom of the screen to show the pull-up Menu or remote control can select signal source (external computer).

5.2 Connect Device to built-in OPS

1. Detachable OPS module configuration

*CPU: Intel i3/i5/i7

*Chipset: Intel

*RAM: 2G/4G DDR3; Mainboard supports up to 8G DDR3

*HHD: 2.5inch 320G/500G/1TB

*Graphics: integrated graphics /discrete graphics

*Resolution: 1920*1080/3840*2160

*System: Windows7/Windows8/Windows10

*Interface: 2*USB3.0 /4*USB2.0/1*RJ45LAN port/1*HDMI output/1*VGA output/1*Audio output 1*Mic input/1*RS232

2. Installation and Connection

1) Connect IQTouch to AC100~240V via attached power wire.

2) Built-in OPS Audio & Video/touch cables have already connected inside the device.



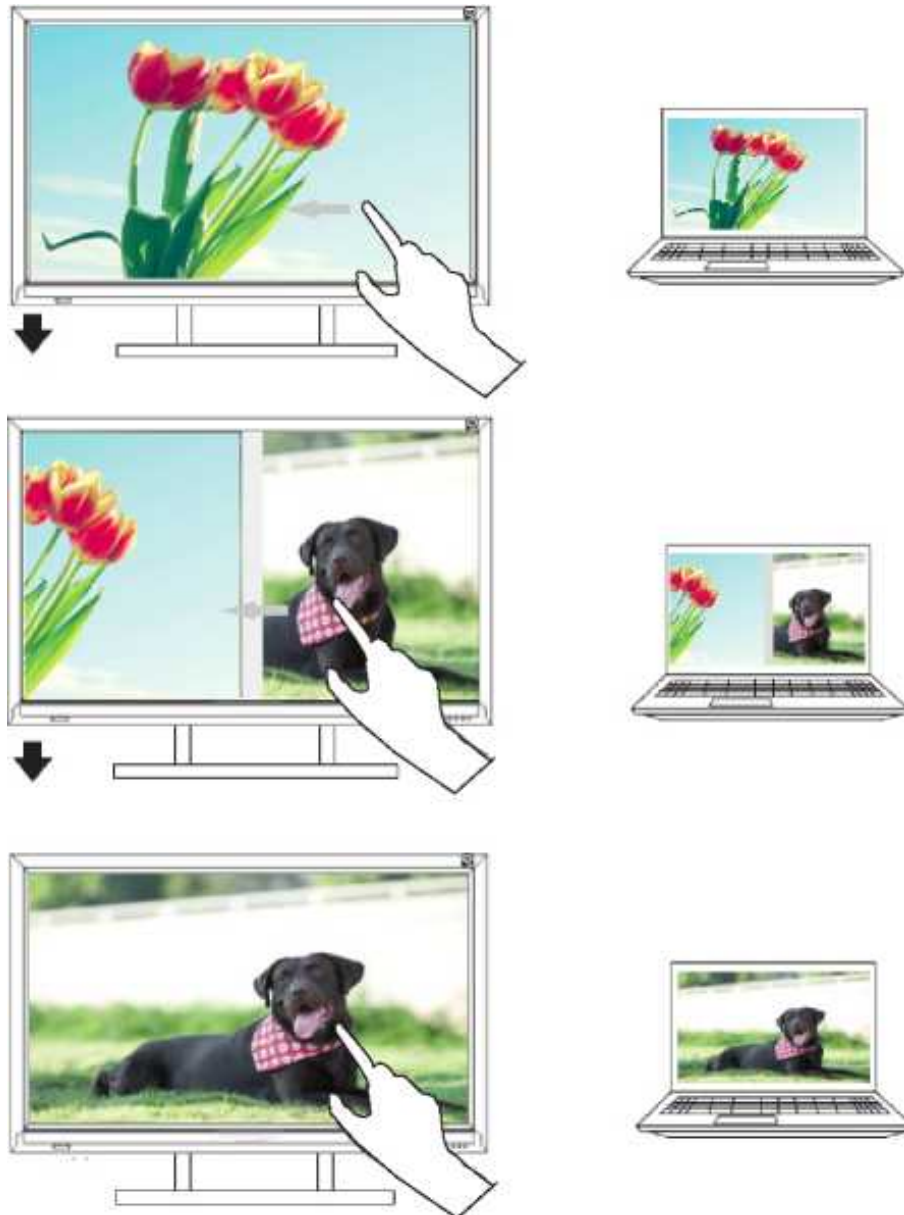
Pic.6: IQTouch connected with OPS

3) Plug in the power wire and start the IQTouch

4) Press Input button on the front panel, pull up from the bottom of the screen to show the pull-up Menu or remote control can select signal source (OPS).

Charter6: Built-in OPS /External Computer Interactive

Function



Pic.7: IQTouch interaction

IQTouch Built-in OPS, which can perform touch operation of various applications on the screen. It can also connect the external computer through VGA or HDMI to achieve the display and touch control of external computer contents.

Charter7: Troubleshooting

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

Issues	Check items
No sound and image	<ol style="list-style-type: none"> 1. AC 220V power supply 2. Signal cable connection 3. Power on the Touch TV and external device 4. Stand-by mode
Image only, without sound	<ol style="list-style-type: none"> 1. Adjust the volume 2. Mute 3. External audio cable connection
No Image or black-white image	<ol style="list-style-type: none"> 1. Adjust color setting 2. <input type="checkbox"/> Adjust color mode
Image fuzzy (TV)	<ol style="list-style-type: none"> 1. TV signal issue 2. TV station issue
Image and Audio with interference	<ol style="list-style-type: none"> 1. Try to far away from the Interference source 2. Change socket
Remote Control failure	<ol style="list-style-type: none"> 1. Remote Control wrong direction 2. Battery wrong polarity 3. Remote Control signal occlusion
Touch function disabled	<ol style="list-style-type: none"> 1. Make sure no other objects touch at the same time 2. Check no other object on the touch frame
Touch position is not correct	<ol style="list-style-type: none"> 1. Try the calibration of windows 2. Check the test signal of IR touch frame



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