

# Interactive Touch Screen User Manual

**Touchboards**

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Please properly keep the manual for further reference. This is the general user manual for all interactive touch screens. Therefore, it may be different from the actual product.

Welcome:

Thanks for purchasing this product. Please read the instructions carefully before using this product.

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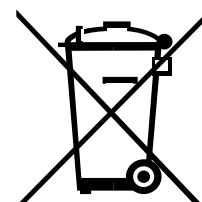
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (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 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.
- 

The symbol of the crossed out wheeled bin indicates this product should not be placed in municipal waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.






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# Safety Instruction

For your safety, please read the following instruction before you use the product. Serious injury or property loss may be caused by improper operations. Do not try to repair the product by your own.

 <b>WARNING</b>	
	<p><b>Disconnect the product from power supply immediately if major failures occur.</b></p> <p>The major failures include the following:</p> <ul style="list-style-type: none"> <li>• Smoke, peculiar smell or abnormal sound is discharged from the product.</li> <li>• No image or sound is displayed, or the image error occurs.</li> <li>• Where the mains plug or an appliance coupler is used as the disconnect device, such disconnect device shall remain readily operable.</li> </ul> <p>In the preceding scenarios, do not continue to use the product, disconnect power supply immediately and contact professional staff for troubleshooting.</p>
	<p><b>Do not drop liquid, metal or combustible into the product.</b></p> <ul style="list-style-type: none"> <li>• If any liquid or metal is dropped into the product, power off the product and disconnect power supply, then contact professional staff for solutions.</li> <li>• Pay attention to the children when they are close to the product.</li> </ul>
	<p><b>Do not damage the power cable.</b></p> <ul style="list-style-type: none"> <li>• Do not damage, change, wind, bend, heat or drag the power cable forcibly.</li> <li>• Do not put weights (such as the product itself) on the power cable.</li> <li>• Do not drag the cable forcibly when you pull out the power plug. If the power cable is damaged, please contact the local distributor to repair or replace it.</li> </ul>
	<p><b>Put the product on a stable surface.</b></p> <p>An unstable surface includes and does not limit to an inclined plane, a shaky stand, desk or platform, which might cause the turnover and damage.</p>
	<p><b>Use the battery correctly.</b></p> <ul style="list-style-type: none"> <li>• Galvanic corrosion, electric leakage and even fire may be caused by improper battery usage.</li> <li>• It is recommended to use the designated type of battery and install the battery by correct electrodes (positive and negative electrodes).</li> <li>• Do not install and use new battery with the used one.</li> <li>• Take out the battery if the remote control is not used for a long period.</li> <li>• Do not expose the battery under overheated environments such as sunlight and firing.</li> <li>• Dump the used battery based on local regulations.</li> </ul>

 **WARNING**



**Do not open the cover or change the product by your own.**

High voltage components are installed in the product. When you open the cover, high voltage, electric shock or other dangerous situations may occur. If inspection, adjustment or maintenance is required, contact the local distributor for help.



**Use the specified power supply.**

- Do not use any types of power cables other than the one provided with the product to prevent the product from being damaged.
- Use a three-wire socket and ensure that it is properly grounded.
- Pull out the power plug from the socket if the product is not used for a long period.

**Before you move the product, disconnect all external connections and separate all toppling preventing devices.**

Move the product carefully to prevent it from being hit or squeezed, especially the screen, which may cause injury if broken.

**Clean the dust and metal on the power plug regularly.**

- When you are cleaning, fire or electric shock may be caused if the product is powered on.
- Keep in mind to pull out the power plug before cleaning it by using a dried cloth.



**Do not put items on the top of the product.**

- Do not put items, such as a container for liquid (a vase, flowerpot, cosmetics or liquid medicine), on the top of the product.
- If any water or liquid is spilled on the product, short circuit may occur and cause fire or electric shock.
- Do not tread on the product or hang any items on the product.



**Do not install the product in an improper place.**

- Do not install the product in humid places, such as the bathroom, the shower room, the place near windows or outdoor environments where experience rain, snow or other harsh weather. The product installation is also required to avoid a place around by hot spring vapor. The preceding environments may cause faults or electric shock under extreme conditions.
- Do not put exposed fire source, such as an ignited candle, on the product.



**Pull out the power plug during thunderstorms.**

- Do not touch the product when lighting to avoid electric shock.
- Install or place components which power supply voltage is high enough to cause personal injury in places out of the reach of children.

**⚠ WARNING**



**Do not cover or block up any vents on the product.**

- The overheated components may cause fire, damage the product and shorten the service life.
- Do not put the venting surface of the product facedown.
- Do not put the venting surface of the product facedown.
- Do not use a cloth such as table cloth to cover the product.



**Do not touch the power cable with wet hands to avoid electric shock.**

**⚠ CAUTION**



**Do not install the product in high temperature environments.**

- Do not install the product near heat source, such as the radiator, the heat reservoir, the stove or other heating devices.
- Do not expose the product under sunlight, which may cause high temperature and subsequent faults in the product.



**For transport:**

- Pack the product for mobility or maintenance by using the cartons and cushioning material provided with the product.
- Vertically move the product during transport. The screen or other components are easily broken if the product is moved by an improper way.



**Keep away from the product when you use a radio.**

The product design to prevent radio interference complies with the international EMI standard. However, the interference still exists and causes noise in the radio.

- If noise occurs in the radio, try the following solutions.
- Adjust the direction of the radio antenna to avoid the interference from the product.
- Keep the radio away from the product.

**Advice for watching:**

- Use the product in an environment with comfortable light. It is harmful to your eyes to watch in a too bright or too dark environment.
- Relax your eyes after a period of time for watching.
- When you are watching, the distance which is 3 to 7 times of the screen height should be kept, and it is the best distance to protect eyes and prevent eyestrain.
- Adjust the volume to an appropriate level, especially at night.

# Installation Requirement

## Bearing

You can install the product in an unfixed or a wall-mounted way based on your needs. The wall-mounted way can save a large amount of space.

If the product is installed in an unfixed way, use the designated hanger or holder. If you want to use a self-made hanger or holder, ensure that the bearing capacity of it is at least four times of the weight of the product, and the product is installed stably on it.

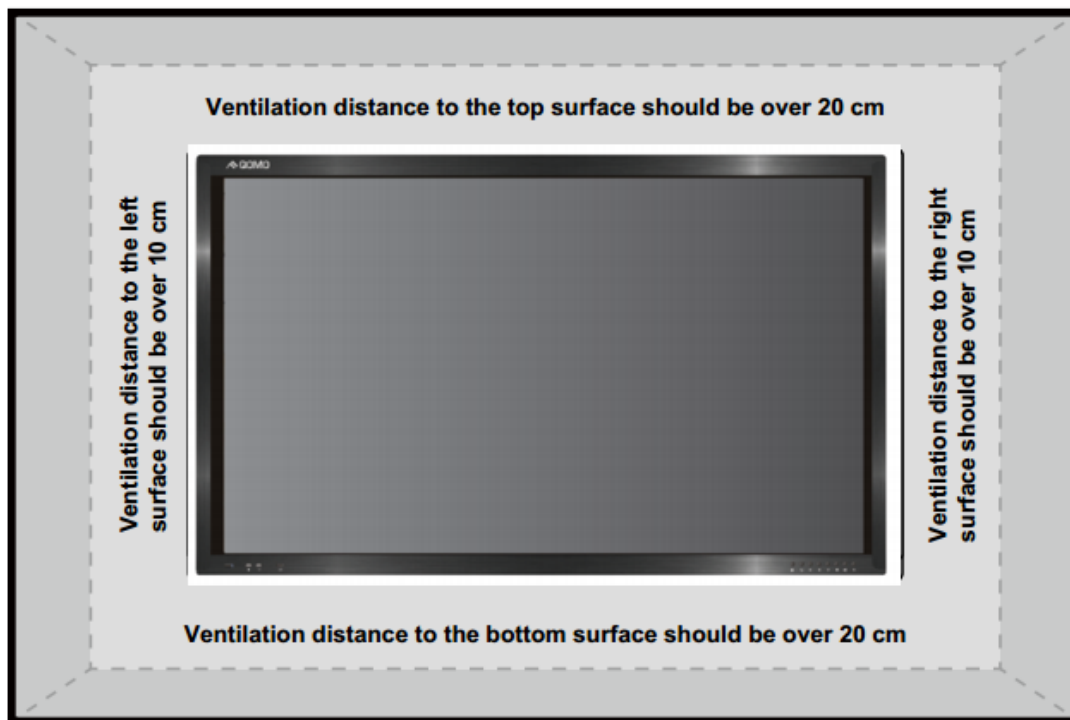
If the product is installed in a wall-mounted way, the bearing capacity of the surface for installation must be at least four times of the weight of the product. If the surface for installation is the wall or the ceiling of a building, the surface must be made of solid bricks, concrete or other materials with equal intensity. If the product is installed on a surface made of loose material such as an old brick wall, wood plank wall, solid brick wall, or a metal or non-metal structure surface, or a surface with a thick decoration layer, take necessary consolidating measures to ensure that the product is stably installed.

## Ventilation

Ventilation requirements	Distance to the surface for installation (cm)			
	Left and right sides	Top	Bottom	Back
Nominal power Greater than 100 W	10	20	20	10



If the product is installed inside a wall or a cabinet, in addition to the preceding requirements, the ventilation area around the bottom, top and two sides must be at least 50% of the sealing surface to ensure proper ventilation.

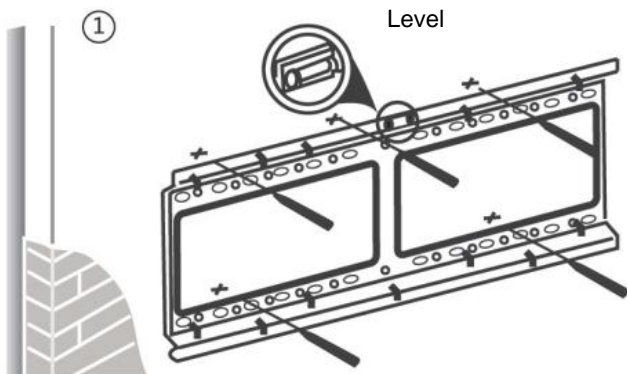


Note: 1. When the product is installed in a wall-mounted way, the screws need to be installed deeper than 10 mm in the way.

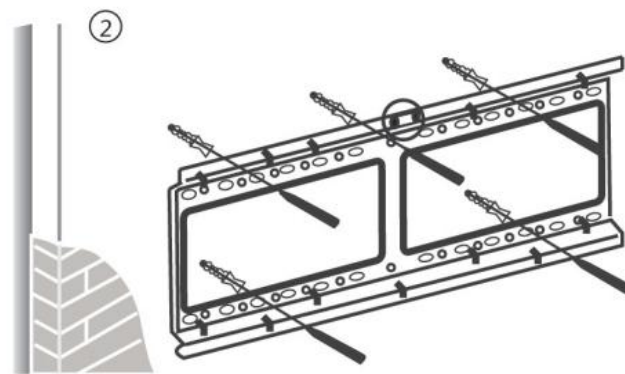
2. Do not block ventilation vents.



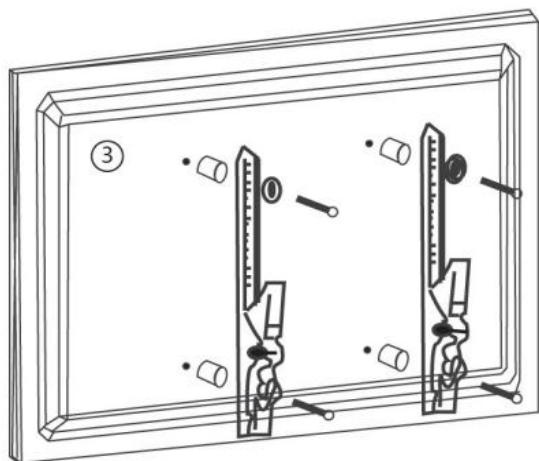
## Installation diagram



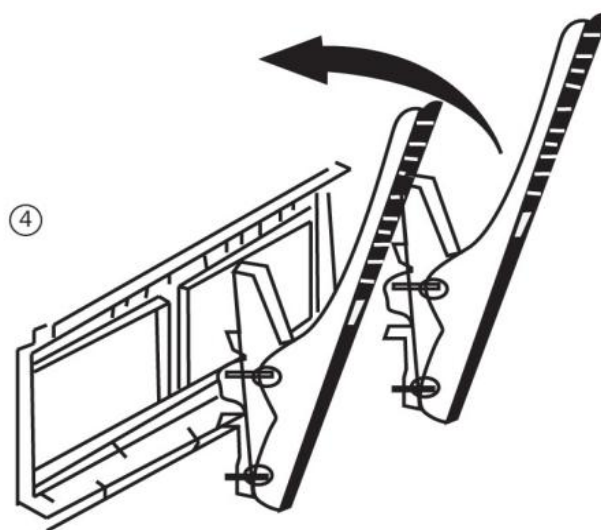
Use a level to locate the holes in horizontal line and mark with pencil where the holes will be located. Then drill holes in the wall.



Insert wall plugs into the mounting holes. Push the self-tapping screws through the bracket into the wall plugs and tighten the screws.



Attach the mounting arms to the back of screen with the screws.



Hang the screen and let it settle into the bracket. Ensure that it is firmly in place.

Note: The horizontal and vertical distance of mounting holes on the back of screen must be within the required distance of bracket.

# Introduction

As our latest independently developed and produced human-machine interactive product, the Journey 13 series interactive touch screen is a multi-functional display for interactive teaching, digital demonstration, multi-media presentation, touch operations and handwriting. They are well designed and produced to meet the needs of education and corporate applications, and provide a user-friendly experience, digital intelligent control as an ideal equipment for schools and companies. You can use your fingers or opaque objects to write, edit and delete any things on the screen.

The product features are as follows:

- Specially designed for teaching and meeting systems.
- With high brightness and high contrast, the display is visible under strong sunlight or in outdoor environments.
- Enter into Eco mode with one-touch button to reduce the power consumption.
- Adopt advanced infrared array scanning and sensing technology, HID driver-free, meaning the product is activated soon after it is powered on.
- Multi-signal sources can be previewed in the window and be switched by touching the screen.
- Vector-based image-editing software with features like high compression and distortion free.
- Multiple pen tools, line styles and colors selections.
- Support real time on-screen editing.
- Shape recognition turns hand-drawn shapes into perfect versions.
- Save files in various formats, including PDF, JPEG, PNG, BMP and etc.
- Multi-touch screen enables several users use the screen together.
- User management enables you to add a new user, delete a user, switch a user and edit user information etc.
- Support handwriting recognition including English, Chinese, numbers and special characters.

# Basic Operation



## ● Power on

- Power the interactive touch screen with the 100V-240V 50Hz/60Hz AC power supply.
- Connect the panel to the power supply. Switch on the rocker switch (on the left bottom of the rear of the panel, next to the power port) to enter the standby status. The power indicator turns red.
- Press power switch on the control panel or Power on the remote control to turn on the display and built-in PC simultaneously. The power indicator turns green.

## ● Power off

- Press **ECO** on the control panel to temporarily turn off the display.
- Press power switch on the control panel or Power on the remote control to enter the standby status. The power indicator turns red.
- In the standby status, switch off the rocker switch to turn off the touch screen.



1. Disconnect the touch screen from power after the touch screen enters standby status. Otherwise, the screen may be damaged. A sudden power failure may damage the touch screen.
2. Frequent power on and off in a short time may cause faults.

Status of the power indicator is as follows:

Power Indicator	Status
No light	Power off
Red	Standby
Green	Power on

# Remote Control

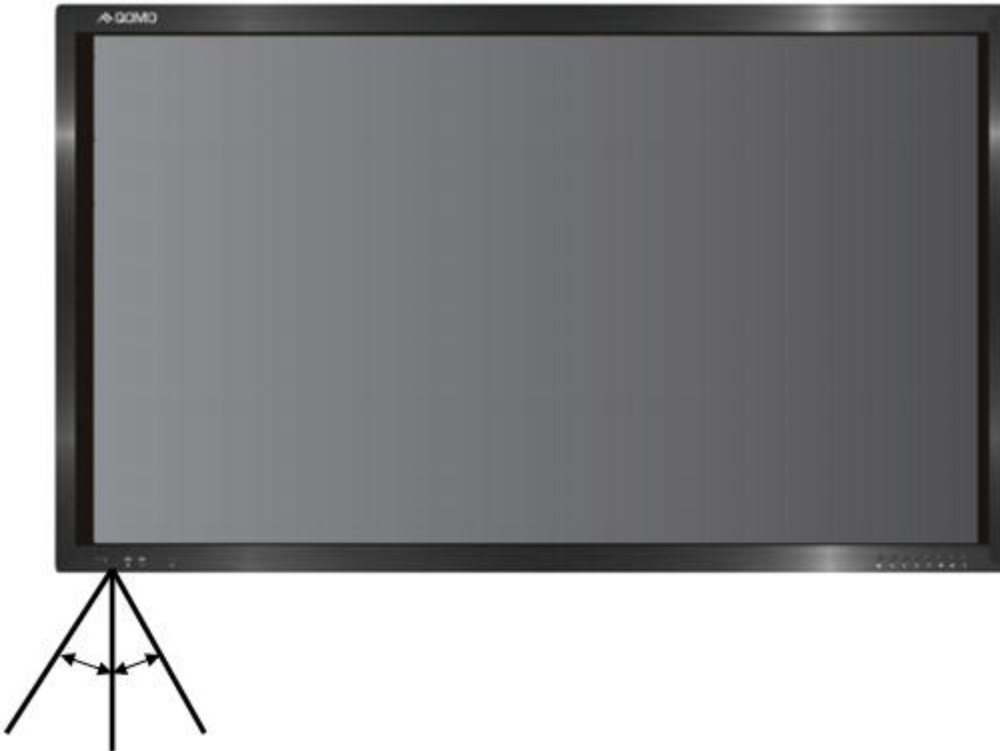
## Functions of remote control




1. Power on or standby
2. Mute
3. Change channels or enter numbers
4. Return
5. P. MODE: Picture mode  
SMODE: Sound mode
6. Signal source selection
7. Show the current signal source
8. VOL+/VOL-: Increase/decrease volume
9. CH+/CH-: Change channel
10. Sleep mode  
NICAM: Select the sound tracks  
ASPECT: Selects picture aspect  
EPG: Electronic program guide
11. ▲/▼/▶/◀. Up/down/right/left direction buttons  
OK: Confirm
12. Show or hide menu
13. Quit the current interface
14. Play/Pause
15. Rewind or replay certain scenes

## Instructions of remote control

The usage scope of the remote control includes the vertical distance within five meters in front of the panel, and the area within an angle of 30 degrees from the vertical point to the left and right.



The effective receiving area is about 3 meters with 30° angle from vertical point to the left and right. And the effective receiving area is about 5 meters from the front of device. Note that the remote control signal receiver locates at the position of power indicator.

-  To avoid probable faults, please read the following instructions and use the remote controller properly.
- Do not drop or beat the remote controller.
  - Do not spill water or other liquid on the remote controller.
  - Do not put the remote controller on wet items.
  - Do not expose the remote controller under sunlight or put it near overheated source.

# Panel Buttons & Ports

## Buttons & ports on the front panel



Power indicator

Front ports



Front control panel buttons



### Power indicator:

- Press power switch on the control panel. The power indicator turns green.
- Press power switch on the control panel to enter the standby status. The power indicator turns red.



### Front ports:



Android USB port



Built-in PC USB port



HDMI port used to connect an external display device



Enter/Return to Android home page



Return to previous interface



Decrease volume OSD button: ◀



Increase volume OSD button: ▶



Enter ECO mode to turn off the display



Enter/Exit the OSD menu



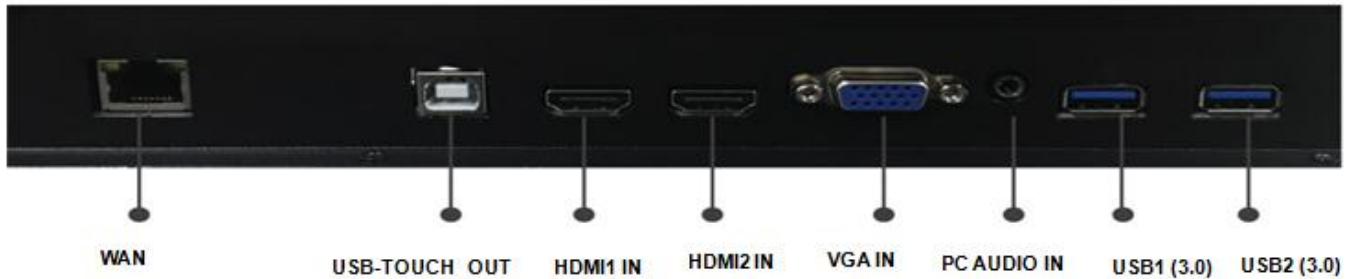
Enter/Exit signal source menu



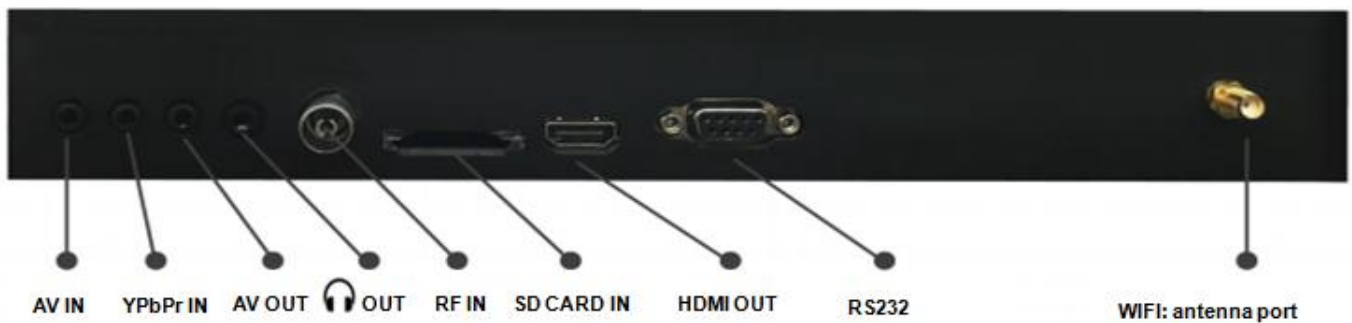
Power switch: on or standby

## Ports on the rear panel

- Ports on bottom of motherboard



- Ports on right side of motherboard



## RS232 code list

1. 6 bytes command	Baud rate: 115200	Data bits: 8	Check bit: none
Start code 99, Customer code (Public Version: XX = 23), Function ID code, Device ID code (It is generally 01, unless otherwise noted), Check code + Function ID code = FF, End code AA.			
HOME		99 XX 00 01 FF AA	
Power Off		99 XX 01 01 FE AA	
Power On		99 XX 80 01 7F AA	
Mute		99 XX 02 01 FD AA	

Sound Mode	99 XX 03 01 FC AA
Image Mode	99 XX 04 01 FB AA
ATV	99 XX 07 01 F8 AA
DTV	99 XX 05 01 FA AA
Video	99 XX 08 01 F7 AA
Component	99 XX 0A 01 F5 AA
Computer 1	99 XX 0B 01 F4 AA
Computer 2	99 XX 0C 01 F3 AA
Computer 3	99 XX 0D 01 F2 AA
Computer 4	99 XX 06 01 F9 AA
HDMI1	99 XX 0E 01 F1 AA
HDMI2	99 XX 0F 01 F0 AA
Front Computer	99 XX 10 01 EF AA
Built-in Computer	99 XX 11 01 EE AA
DP	99 XX 09 01 F6 AA
Menu	99 XX 12 01 ED AA
Signal Source	99 XX 13 01 EC AA
Exit	99 XX 14 01 EB AA
Listen only audio	99 XX 15 01 EA AA
Volume +	99 XX 17 01 E8 AA
Volume -	99 XX 18 01 E7 AA
Channel +	99 XX 19 01 E6 AA
Channel -	99 XX 1A 01 E5 AA
Screenshot	99 XX 1B 01 E4 AA
Screen Display	99 XX 1C 01 E3 AA



Display ratio	99 XX 1E 01 E1 AA
Sleep Mode	99 XX 1D 01 E2 AA
Auto Adjustment	99 XX 1F 01 E0 AA
Up	99 XX 22 01 DD AA
Down	99 XX 23 01 DC AA
Left	99 XX 24 01 DB AA
Right	99 XX 25 01 DA AA
Confirm	99 XX 26 01 D9 AA
Multi-media	99 XX 27 01 D8 AA
Device Status Query	99 XX 28 01 D7 AA

## 2. Status Query Feedback 8 byte data

Start code 99, Board card model, Power On, Current channel, Volume, Sound mode, Check code (Current channel + Volume + Sound mode), End code AA

1. Board card model      01
2. Power on:              01
3. Current channel:

Computer 1 = 0B, Computer 2 = 0C, Computer 3 = 0D, Computer 4 = 06, ATV = 07, DTV = 05, Video = 08, Aberration = 0A, HDMI1 = 0E, HDMI2 = 0F, DP= 09, Front computer = 10, Built-in computer = 11, Multi-media or Application state of third party = 0E

4. Volume: 0~100 (decimal) = 0~64 (hexadecimal), mute state = 65
5. Sound mode : Standard = 01, Music = 02, Movie = 03, Sports = 04, User = 05, Immersive 1 = 06, Immersive 2 = 07


E.g.: 99 01 01 0C 32 03 41 AA

Note: Power off state without any feedback.

# Operation Interface Introduction

## ■ Android Home Page

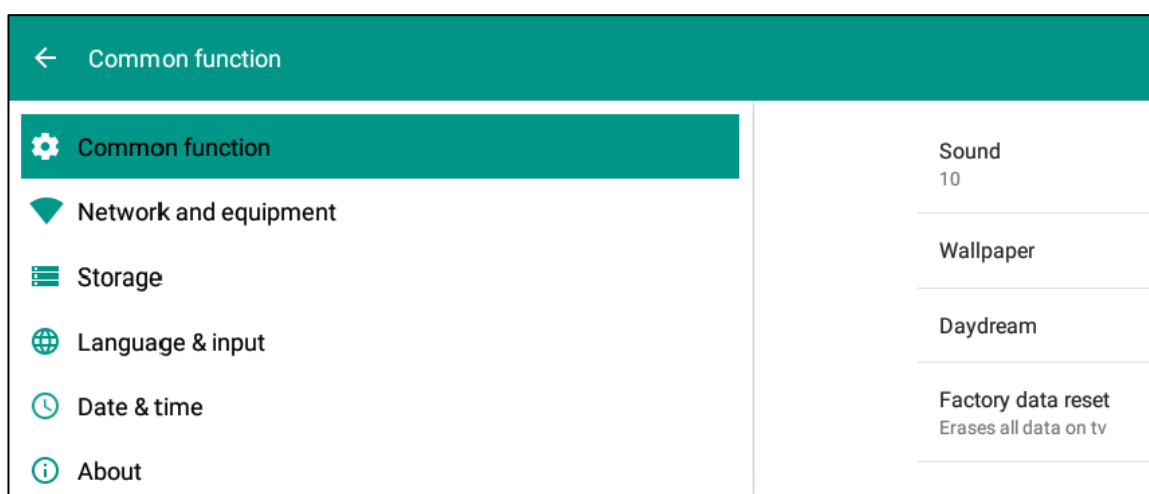



The home page provides the preview function that displays three parts. Click  on the toolbar or Press HOME button to enter the home page.

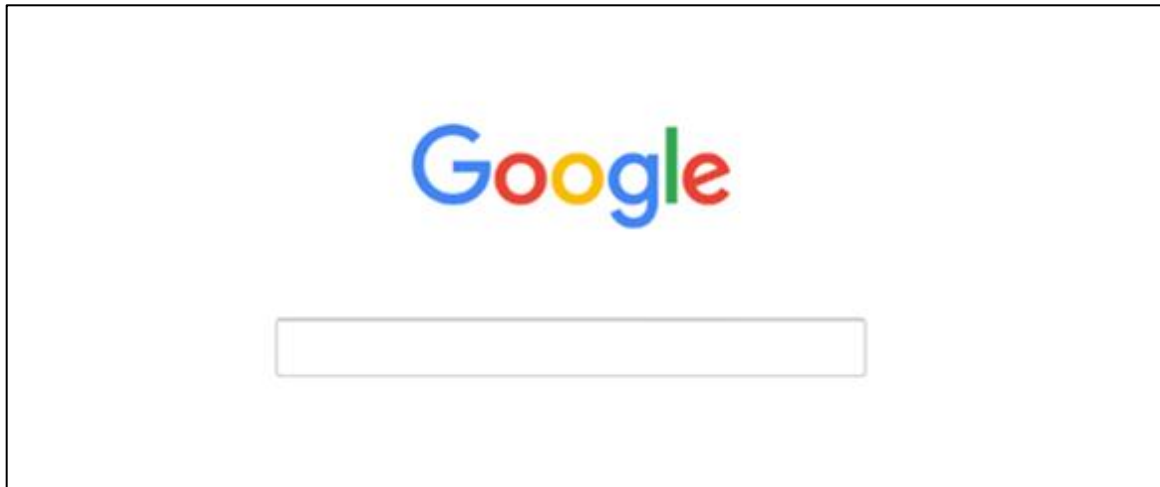
1. Click the signal source in part ① and its thumbnail will be shown in part ②. Then click part ② to enter its corresponding signal source.
2. Part ③ includes four icons **Settings**, **Browser**, **Applications** and **LocalMM**. Click the corresponding icon to enter its corresponding interface.




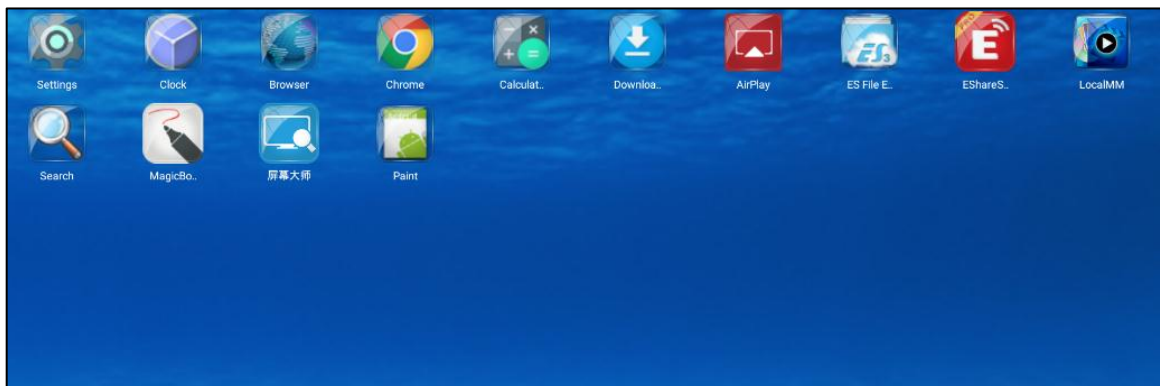
**Settings:** Click the icon to enter the Android setting interface.




 **Browser:** Built-in browser




 **Applications:** Click the icon to enter the Android application interface.



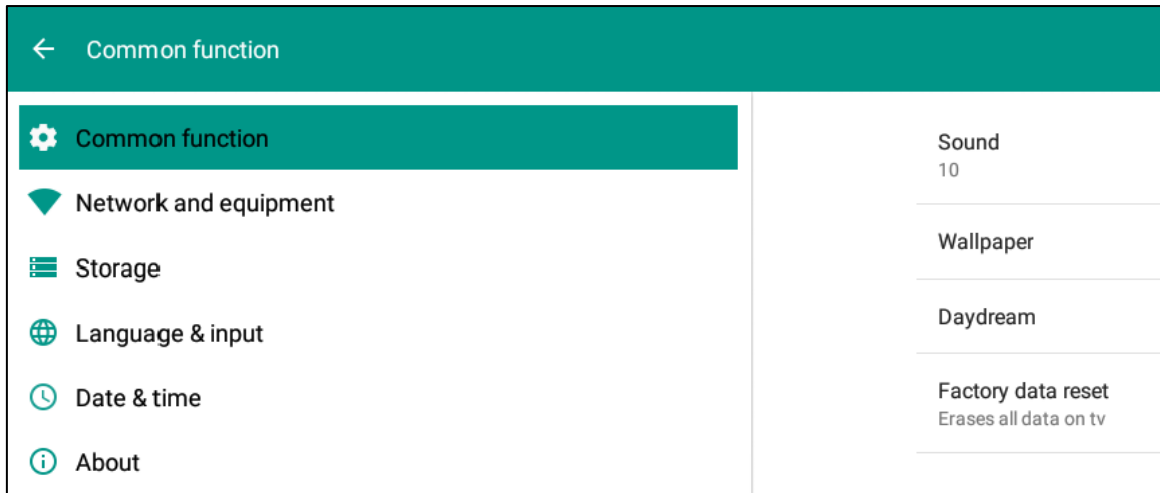
 **LocalMM:** Copy and play local files on Android.



## ■ Android Settings


Click the icon  on the home page or on the toolbar or press **Setting** button on the front panel to enter Android setting interface. The **Common function**, **Network and equipment**, **Storage**, **Language & input**, **Date & time** and **About** are displayed on the screen. Press **▲▼◀▶** on the remote control or click the item directly to select the one you want to change its setting.

### ✧ Common function



Click **Common function** to set volume, wallpaper, screensaver and reset factory data.

#### Sound

Click **Sound** and the icon  pops up. Slide right or left to increase or decrease the volume.

#### Wallpaper

Click **Wallpaper** to set dynamic or static wallpaper.

#### Daydream

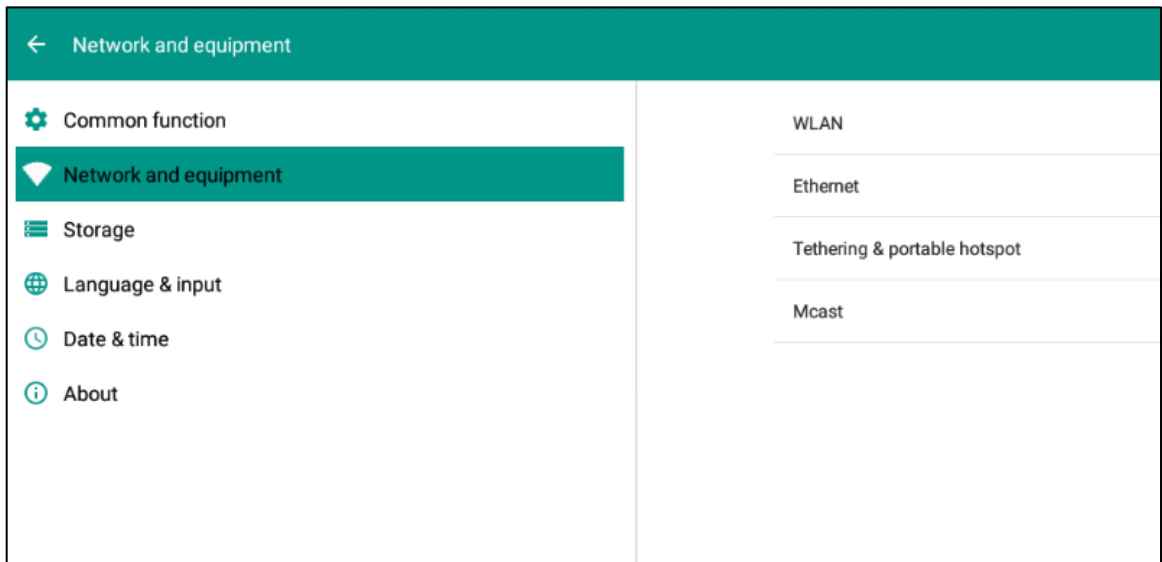
Click **Daydream** to set screensaver.

#### Factory data reset

Click **Factory data reset** and then click Reset TV to erase all the data on TV.

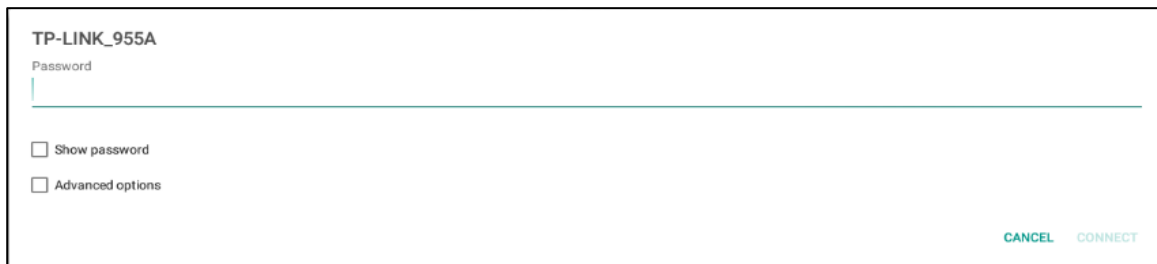
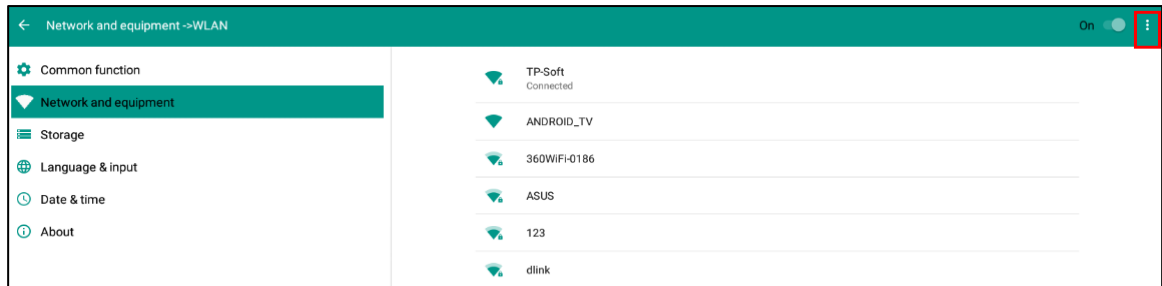
### ✧ Network and equipment


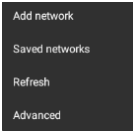
Click **Network and equipment** to set **WLAN**, **Ethernet**, **Tethering & portable hotspot** and **Mcast**.



## WLAN

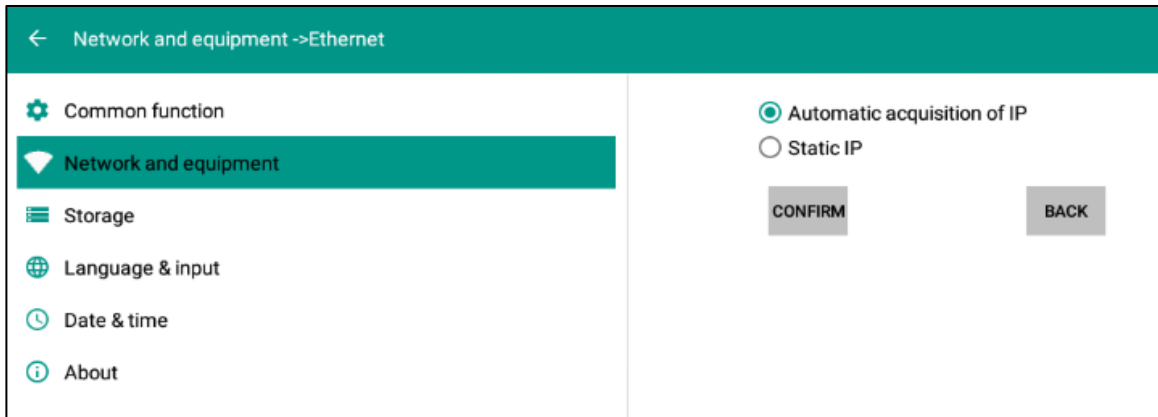
Click **WLAN** to select an available wireless network AP and enter the password to be connected.



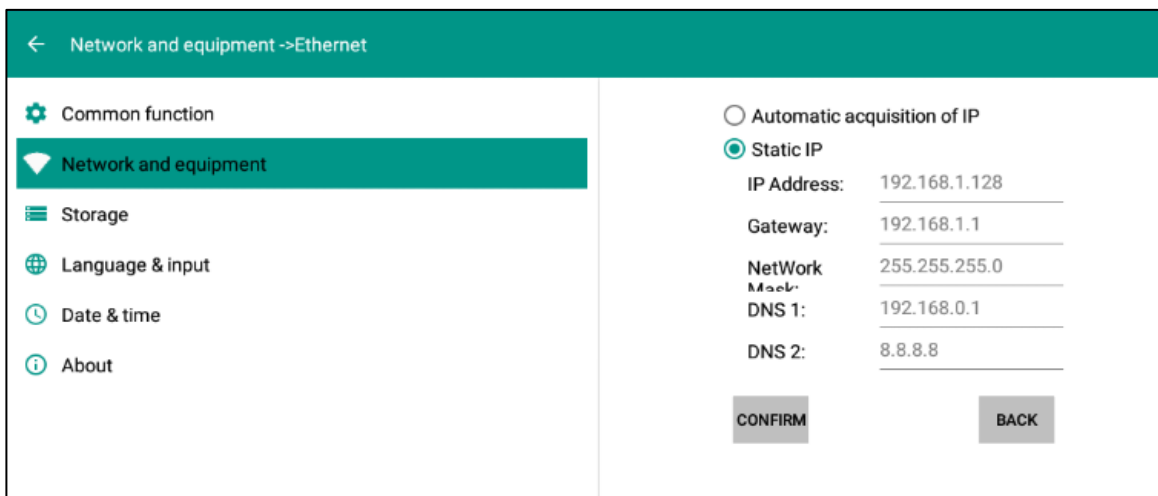
Click  and a menu  pops up. Select "Advanced" for further setting.

## Ethernet

If the panel is connected with LAN cable and supports Dynamic Host Configuration Protocol (DHCP), the system will automatically configure the internet protocol (IP) value.

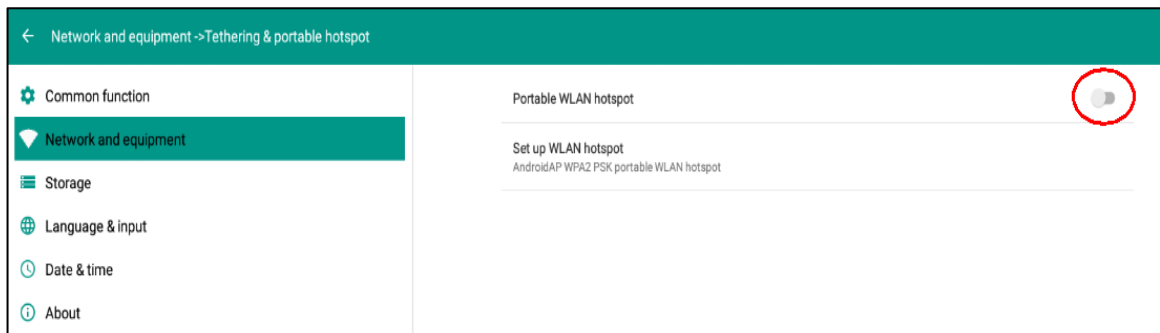


If the network protocol needs to be set manually, enter the IP address, Gateway and DNS server parameters by using the on-screen keyboard or remote control.

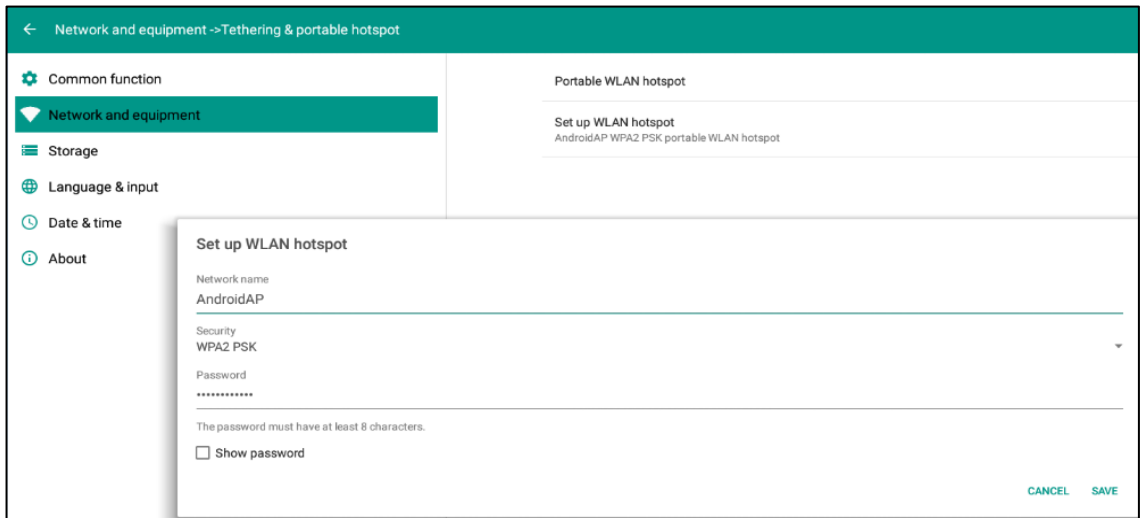


## Tethering & portable hotspot

Click **Portable WLAN hotspot** to set the panel as a wifi hotspot.

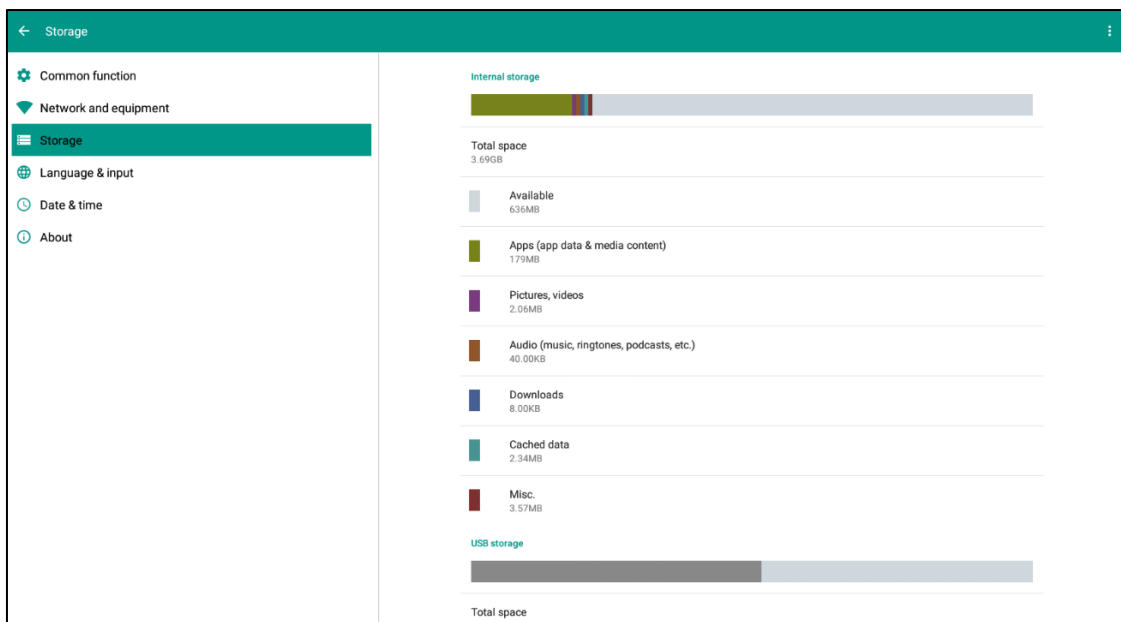


Or, click **Set WLAN hotspot** and set related WIFI hotspot attributes in the displayed window.

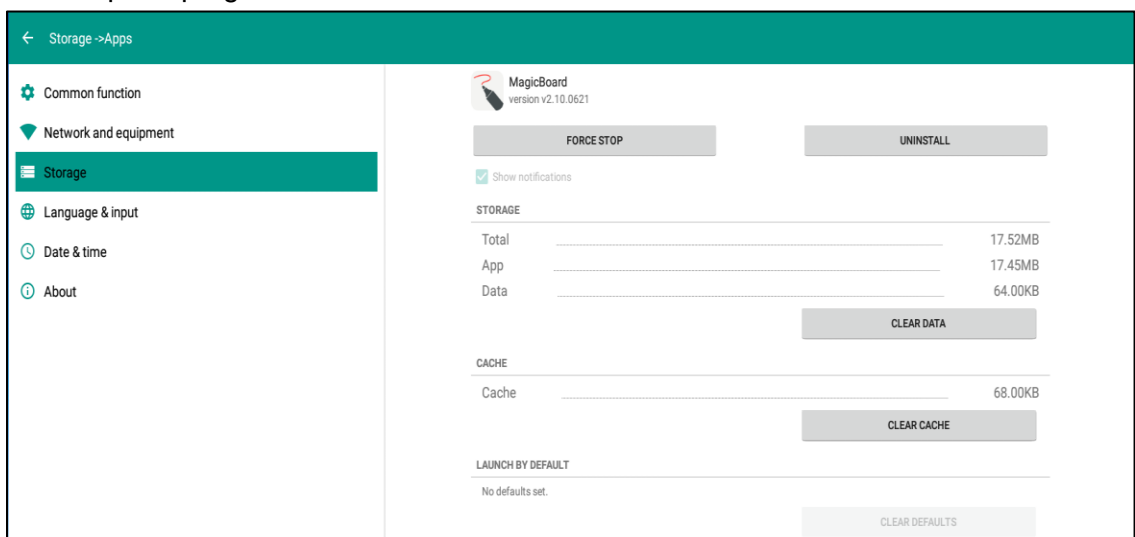


## ✧ Storage

Click **storage** to check the usage of internal storage and USB storage in the displayed window.

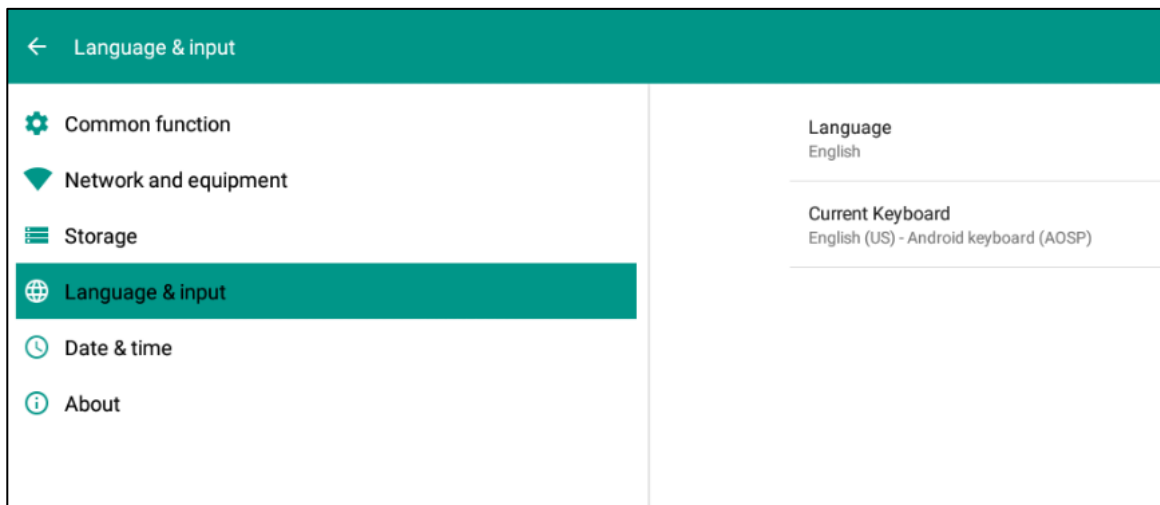


Click **Storage>Apps** to check and manage the applications installed in Android system. You can force to stop the programme or uninstall it.



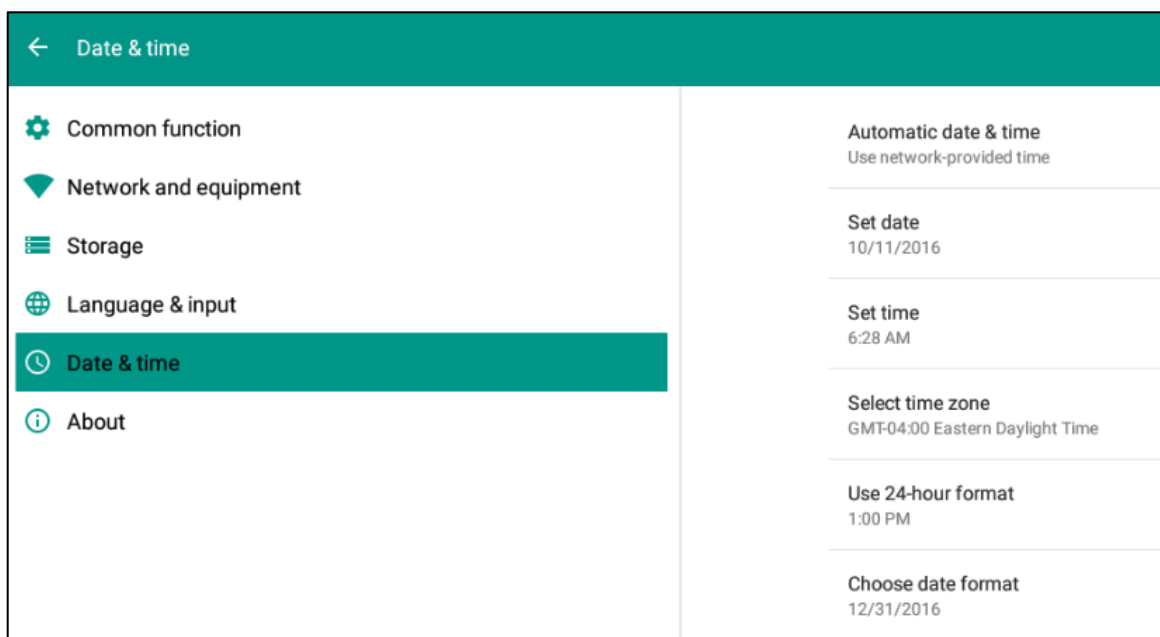
## ✧ Language & input

Click **Language & input** to change system language and keyboard input language.



## ✧ Date & time

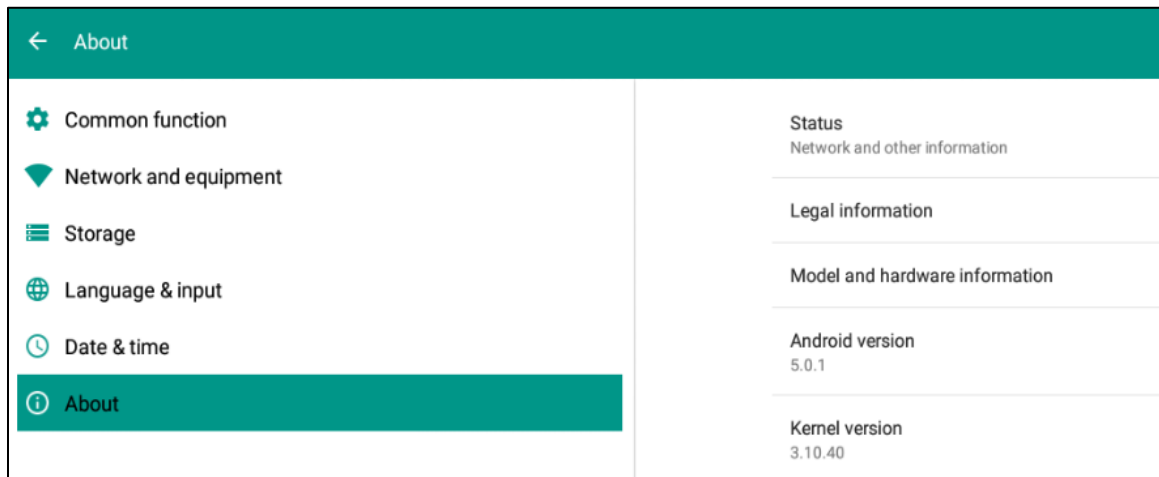
Click Date & Time to change time format, time zone and etc.



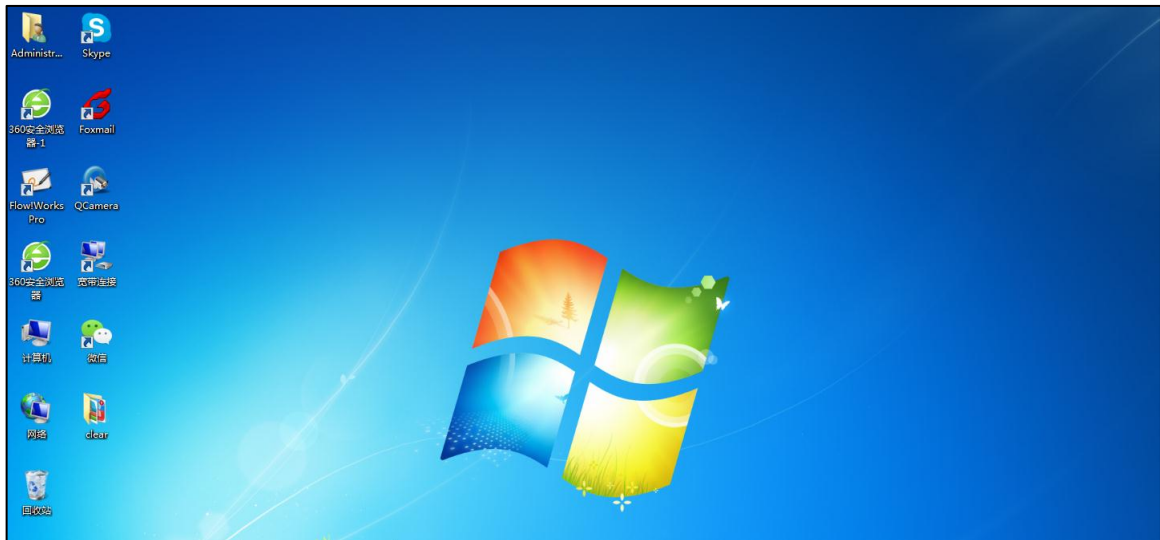
## ✧ About

Click **About** to check network status, model, Android version, Kernel version and etc. Click **Status** and enter its page to get the Mac address.






## ■ Built-in PC Interface




1. Select PC signal source to enter the PC interface. The following three ways are used to select a signal source channel.

- Swipe your finger up from the bottom edge to bring up a toolbar then click **input**.
- Press **SOURCE** button on the remote control.
- Press  button on the front control panel.

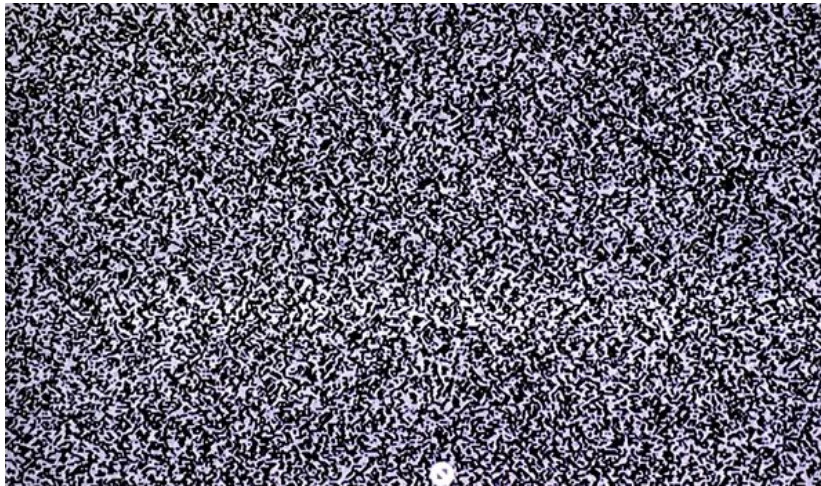
In the signal source page, select a channel and press OK or click the channel icon directly to enter it.


2. Operate the built-in PC just like operating an ordinary computer.

3. Shut down PC before you press the button  on the front control panel to turn off the panel.

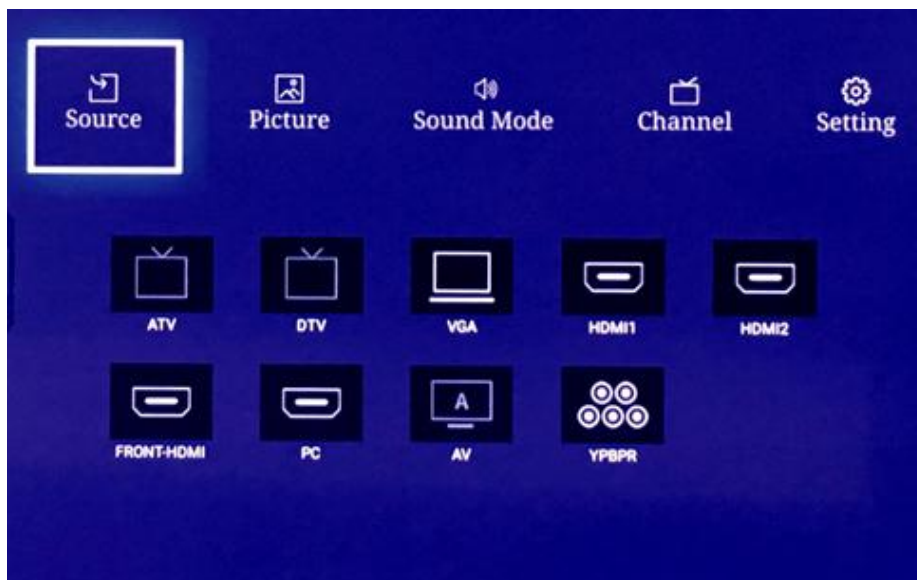
Do not power off a running PC suddenly to avoid data lose.

## ■ Digital TV Interface



1. Select digital TV signal source to enter the digital TV interface. The following three ways are used to select a signal source channel.
  - Swipe your finger up from the bottom edge to bring up a toolbar then click **input**.
  - Press **SOURCE** button on the remote control.
  - Press  button on the front control panel.
2. TV function can be achieved when it is connected to your TV through the signal cable.

### ◇ TV interface menu



Press menu button to display menus on the TV interface: **Source**, **Picture**, **Sound Mode**, **Channel** and **setting**.

Press **▲▼◀▶** button on the remote control and press **Confirm** button to enter the corresponding

submenu.

Enter the **Picture** menu and settings like picture mode, contrast, brightness, hue, sharpness, saturation will appear. Press ▲▼◀▶ button on the remote control to switch options. Press menu button or click BACK from the drop-down menu to return to the parent menu and press EXIT button to quit.

#### ❖ Picture mode

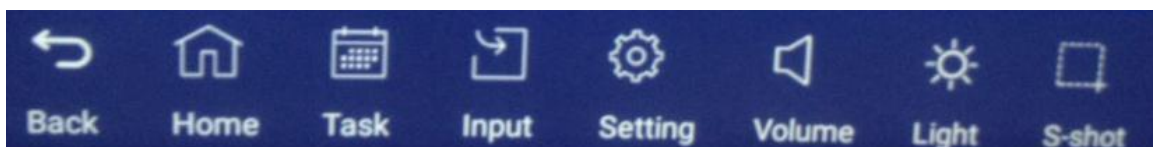


Enter the picture mode submenu, press ▲/▼ button to switch options.

- Press ▲/▼ button to select.
- Press OK button to confirm the selection.
- Press menu button to return to the parent menu.
- Press EXIT button to quit.

#### ■ Toolbar

The toolbar can be invoked in any system interface. Swipe up from the bottom of screen and this toolbar will appear.



**Back:** Return to previous interface

**Home:** Return to Android home page

**Task:** Switch running programs

**Input:** Change signal source channel

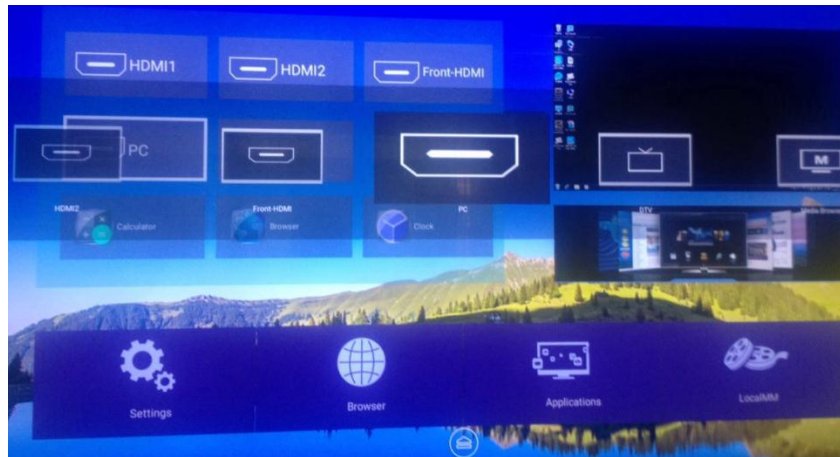
**Setting:** Click to enter setting interface      **Volume:** Slide to increase or decrease the volume

**Light:** Slide to increase or decrease the brightness

**S-shot:** Take a screenshot and automatically save it

#### ❖ **Input**

Click **input** and get the pop-up signal source channels.

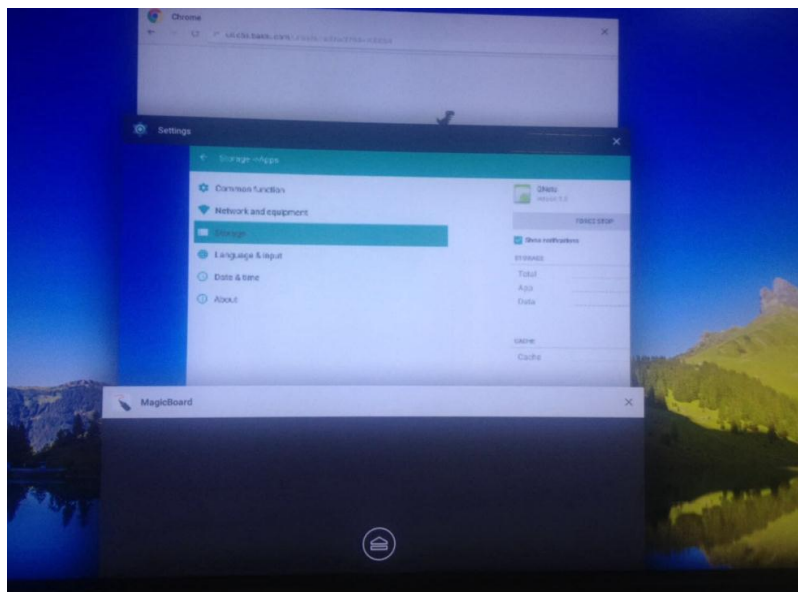


Press buttons ◀▶ on the remote control and press OK or click the channel icon directly to enter it.

Channel icon is highlighted when selected.

#### ❖ **Task**



Click **Task** to view current running programs, switch and end the programs.

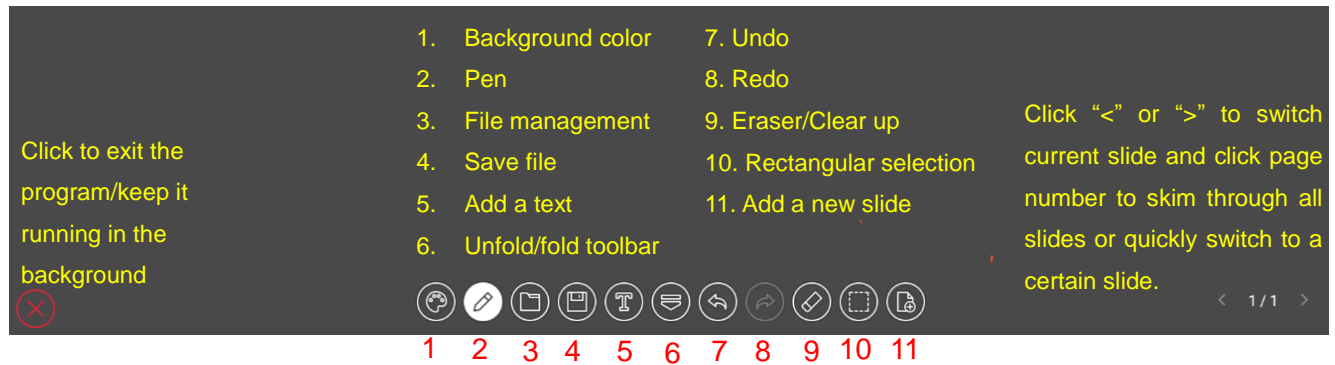


Press buttons ◀▶ on the remote control and press OK or click the window to enter the program.

## ■ Whiteboard software - Magicboard

The whiteboard provides the writing function. In the whiteboard program, you can select a pen, line and color to write and use an eraser to erase content on the whiteboard. You can also save the content on the whiteboard.

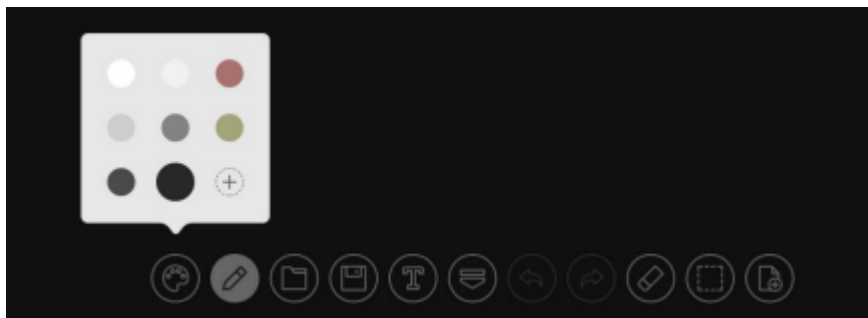
Click the icon  on the Android application interface to enter whiteboard interface. And click the icon  to unfold the toolbar.



**Magicboard Interface**

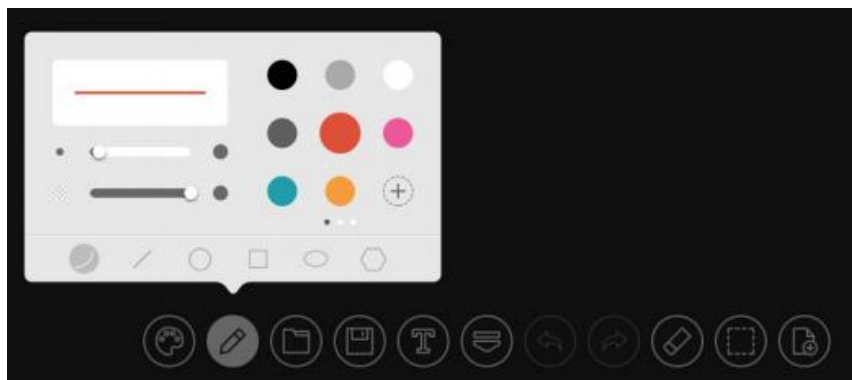
### ✧ Set background color

Click “+” to have more color options.



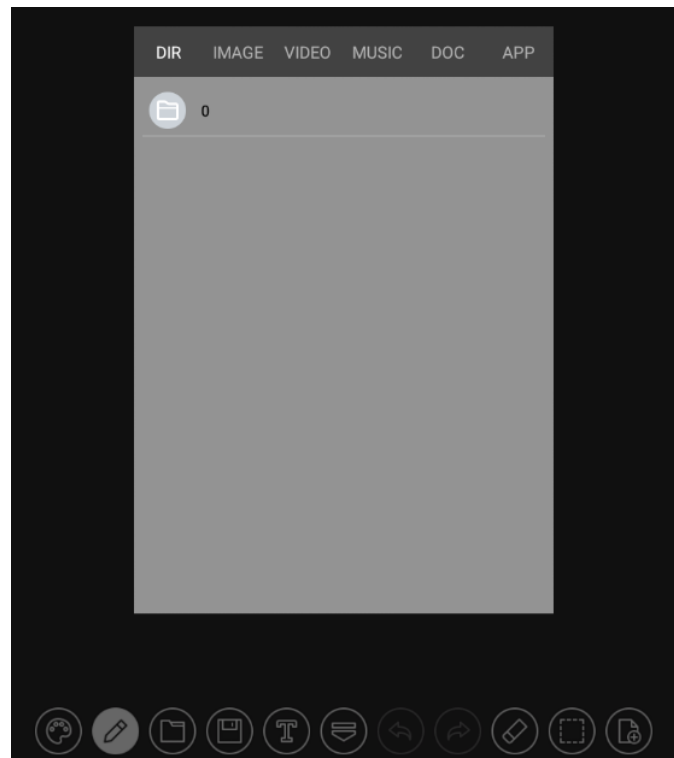
### ✧ Set pen mode

Set the pen color, line, transparency and shape.

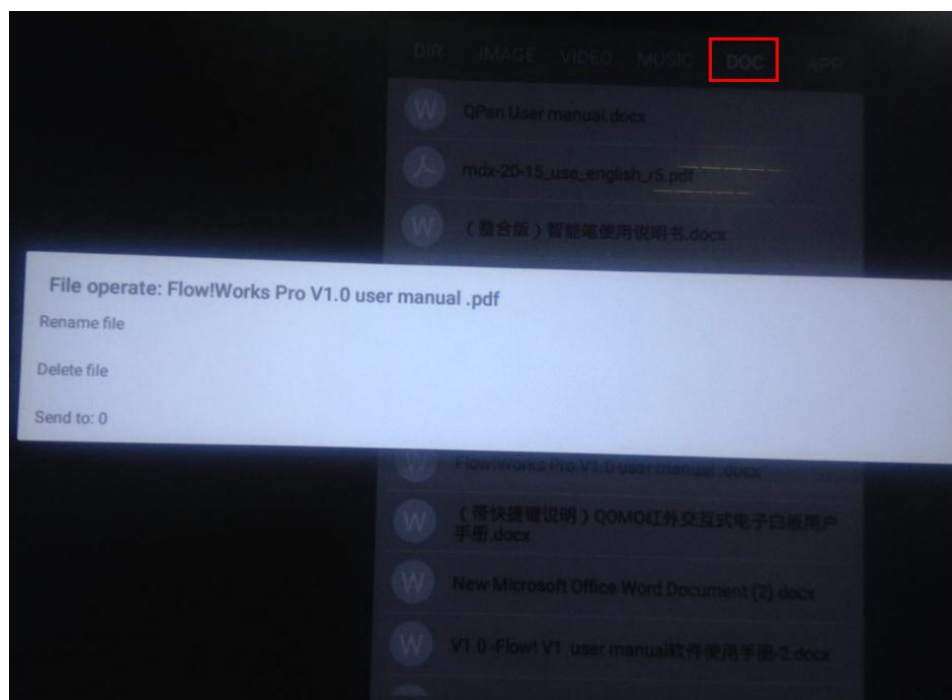


## ✧ File management


Skim through files in sdcard or USB flash drive. View image, video, music, documents and all the Apps installed. Click to open the App and long press the App to uninstall it.



Click "Doc", long press the file and you can rename, delete the file or send the file to USB flash drive.



### ✧ Save file

Save the whiteboard slides in PDF format in a default folder. Click  on the home page and find the files saved in Magicboard folder.



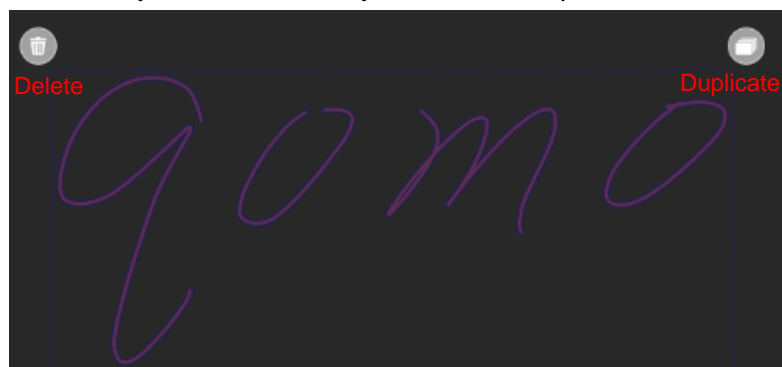
### ✧ Add a text

Click Text and a window pops up. You can enter the text and change font size and color. Tick "Marquee" to create a scrolling text.





### ✧ Rectangular selection

Click and drag to select an object or several objects to edit: duplicate or delete.



### ❖ Whiteboard running in the background

Click the icon  and the whiteboard will run in the background. The icon  will appear on the screen. Click to unfold the tools.

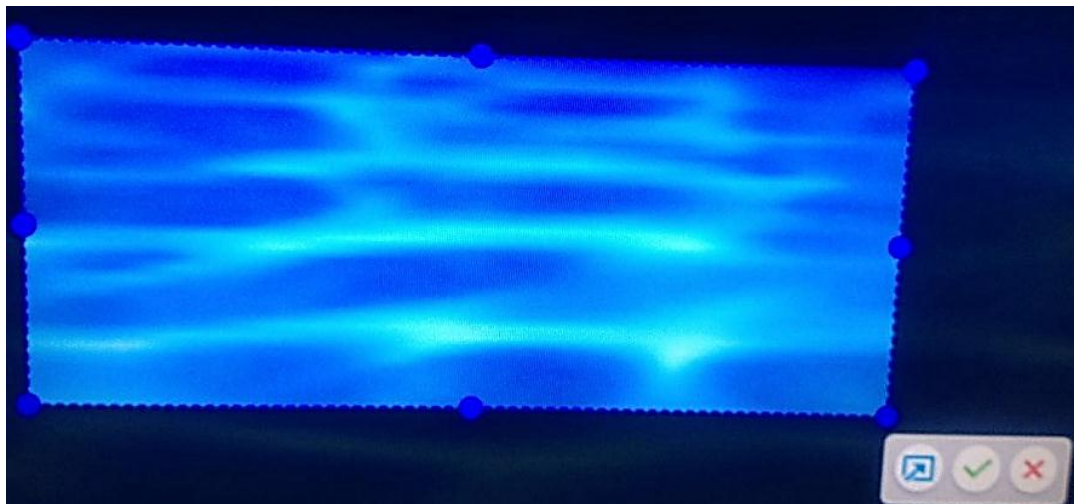


Tool functions listed as follows:

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1. Return to the Android Home Page | 2. Return to previous interface |
| 3. Gesture mode                    | 4. Annotation mode              |
| 5. File management                 | 6. Fold the toolbar             |
| 7. Save annotation as an image     | 8. Clear up the annotation      |
| 9. Rectangular screenshot          | 10. Spotlight                   |
| 11. Enter the whiteboard           |                                 |

### ❖ Rectangular screenshot

Take a screenshot to the whiteboard to annotate and revise.














Take a screenshot to the whiteboard    Save screenshot    Cancel



# Configuration Parameters

Model	QIT1355	QIT1365	QIT1375	QIT1385
<b>Backlight</b>	LED	LED	LED	LED
<b>Active/Display Size</b>	55" (1209.6 * 680.4 mm)	65" (1430.5 * 805.5mm)	75" (1651.3 * 928.6 mm)	85" (1874.6*1055.6 mm)
<b>Display Ratio</b>	16:9	16:9	16:9	16:9
<b>Resolution</b>	1920 *1080px	1920*1080px	1920*1080px	3840*2160px
<b>Display Colors</b>	10bit	10bit	10bit	10bit
<b>Brightness</b>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	400cd/m <sup>2</sup>	400cd/m <sup>2</sup>
<b>Contrast</b>	4000:1	5000:1	4000:1	4000:1
<b>Response Time</b>	6ms	6ms	6.5ms	6.5ms
<b>Refresh Frequency</b>	120Hz	120Hz	120Hz	120Hz
<b>Speaker Output Power</b>	15W*2	15W*2	15W*2	15W*2
<b>Working Voltage</b>	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
<b>Power Consumption</b>	Maximum:130W Standby mode:≤1W	Maximum: 160W Standby mode:≤1W	Maximum: 230W Standby mode:≤1W	Maximum: 400W Standby mode:≤1W
<b>Inputs / Outputs</b>	<b>Input:</b> AV *1; YPBPR *1; MIC*1; VGA(15 pin D-Sub)*1; HDMI 1080P *2; ( Only QIT1385 has HDMI 4K2K*1; ) <b>Output:</b> AV*1; HDMI 1080P*1;Audio Output Earphone*1; <b>Port:</b> RS232*1; SD CARD*1; PC-Audio*1; SPDIF*1; WIFI; RJ45*1; USB2.0*2; USB3.0*1; USB touch* 1; Front HDMI*1; Front USB-PC*1; Front USB-Android*1; TV*1;			
<b>Multimedia File Formats Support</b>	MPEG1, MPEG2, MPEG4, H264, RM, RMVB, MOV, MJPEG			
<b>Touch</b>				
<b>Touch Size</b>	1213.6 *684.2mm	1436.1 * 816.6mm	1683.2 * 949.1mm	1902.6 * 1083.6mm
<b>Touch Resolution</b>	4096*4096	4096*4096	4096*4096	4096*4096
<b>Touch Surface</b>	Anti- Glare Glass	Anti- Glare Glass	Anti- Glare Glass	Anti- Glare Glass
<b>Touch Sensor</b>	IR	IR	IR	IR
<b>HID Support</b>	HID	HID	HID	HID
<b>Touch Points</b>	10 points	10 points	10 points	10 points
<b>Writing Tools</b>	Pen or Finger	Pen or Finger	Pen or Finger	Pen or Finger
<b>Scan Speed</b>	15ms	15ms	15ms	15ms
<b>Cursor Speed</b>	125 dots/s	125 dots/s	125 dots/s	125 dots/s
<b>Response Time</b>	<8ms	<8ms	<8ms	<8ms
<b>Positioning Accuracy</b>	1mm	1mm	1mm	1mm
<b>Communication Interface</b>	USB	USB	USB	USB
<b>Transportation/Storage</b>				
<b>Storage Temperature/Humidity</b>	-20℃~60℃/10%~90%	-20℃~60℃/10%~90%	-20℃~60℃/10%~90%	-20℃~60℃/10%~90%
<b>Working Temperature/Humidity</b>	0℃~50℃/10%~90%	0℃~40℃/10%~90%	0℃~40℃/10%~90%	0℃~50℃/10%~90%
<b>Mount ( optional )</b>	Wall-mounted/Stand	Wall-mounted/Stand	Wall-mounted/Stand	Wall-mounted/Stand
<b>Outline Dimension</b>	1262.2*776.3*78.8mm	1488.9*912.2*119.7 mm	1763.4*1066.7*114.4mm	1980 *1185*107.4mm
<b>Packing Dimension</b>	1466.8*900.6*230mm	1710*1160*320 mm	1935*1225*280 mm	2130*1355*350 mm
<b>Net Weight</b>	37kg	50kg	64kg	112kg
<b>Gross Weight</b>	48kg	66kg	84kg	144kg
<b>OPS Slot</b>	Yes	Yes	Yes	Yes
<b>Android System</b>	Cortex A7 Quad Core CPU	Cortex A7 Quad Core CPU	Cortex A7 Quad Core CPU	Cortex A7 Quad Core CPU
<b>Built-in Wifi</b>	Yes	Yes	Yes	Yes
<b>Speaker Position</b>	Forward-facing	Forward-facing	Forward-facing	Forward-facing

## Included Accessories

Picture	Name	Quantity
	Remote control	*1
	Battery (AAA)	*2
	Pen	*2
	Pointer	*1
	1.8m power cable	*1
	3m HDMI cable	*1
	3m USB cable (A-B)	*1
	Bracket	*1
	Antenna sticks for PC and Android	*2
	Warranty card	*1
	CD	*1

# Troubleshooting

Problem	Cause	Solution
The service program fails to be connected.	The driver program isn't properly installed.	Install the driver program properly.
	The USB port (lead) is not connected or is faulty.	Change the USB lead or check if the USB port is faulty.
	Infrared tube is obscured.	Make sure infrared tubes have not been obscured.
Repositioning is required every time the panel is switched on.	The computer is equipped with a recovery card.	Disable computer protection and perform the positioning again.
The cursor of the pen is unstable when the pen is used.	The writing method is incorrect.	You are advised to use the pen rather than a finger to write. Hold the pen as far to the nib as possible. The angle between the pen and display needs to be greater than 60 degrees. Do not touch the display with your sleeve or wrist.
	Strong light or infrared interference exists.	Remove the interference source or change the using environment.
The handwriting is discontinuous. (Part of the handwriting cannot be displayed.)	The writing method is incorrect.	You are advised to use the pen rather than a finger to write. Hold the pen as far to the nib as possible. The angle between the pen and display needs to be greater than 60 degrees. Do not touch the display with your sleeve or wrist.
	The covering area of the nib does not meet the requirement or the nib is too small.	Change the nib or use a pen with larger covering area.
	Infrared tube is obscured.	Check if infrared tubes are obscured.
	Strong light or infrared interference exists.	Remove the interference source or change the using environment.

The handwriting can't be displayed.	The color of the pen is the same as or similar to the background color.	Change the color of the pen.
	Your hand or other objects are on the display when you are writing.	You are advised to use the pen rather than a finger to write. Hold the pen as far to the nib as possible. The angle between the pen and display needs to be greater than 60 degrees. Do not touch the display with your sleeve or wrist.
	Strong light or infrared interference	Remove the interference source or change the using environment.
	The writing method is incorrect.	You are advised to use the pen rather than a finger to write. Hold the pen as far to the nib as possible. The angle between the pen and display needs to be greater than 60 degrees. Do not touch the display with your sleeve or wrist.
No sound is played and no image is displayed.	<ul style="list-style-type: none"> <li>● Check whether the power plug is inserted into the power socket and whether the panel is powered on.</li> <li>● Check whether the rocker switch on the interactive panel is switched on.</li> <li>● Check whether the Standby button on the panel is pressed.</li> <li>● Check whether the video and audio input cables are connected correctly.</li> <li>● Check whether the panel is switched to the right signal source.</li> <li>● Check the settings on image brightness and contrast.</li> <li>● Check the volume.</li> </ul>	
Image is displayed properly, but no sound is played.	<ul style="list-style-type: none"> <li>● Check the volume.</li> <li>● Check whether the Mute button on the remote control is pressed.</li> <li>● Check whether the audio cable between the PC and interactive panel is connected correctly.</li> </ul>	
No image is displayed or the image is black and white.	<ul style="list-style-type: none"> <li>● Modify the color settings.</li> <li>● Check the color system.</li> </ul>	

<p>The PC cannot be started. (This scenario is applicable only to panel models operating with the PC.)</p>	<ul style="list-style-type: none"> <li>• Check whether the PC adapter is correctly connected and whether the PC is powered on.</li> <li>• Check whether the PC is connected correctly to the interactive panel.</li> </ul>
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