wende.INTERAKTIV

User's Manual for LCD Electronic Whiteboard

Note: Please read this Manual carefully before using the product!

Do not attempt to disassemble the product. If the product does not work, please contact us or our dealer in your area.

Contents

I. Special Functions

1. Android 4.0 intelligent operating system and unique UI design for easier operation and better visual experience.

2. Huge amounts of online applications to be downloaded for chatting, inquiring, learning, shopping and reading. Supporting synchronized receiving and sending of e-mails.

3. Supporting mouse and keyboard with USB interfaces for easy operation like PC.

4. Embedded Wi-Fi module, mass memory and high-capacity cache to watch 1080P HD movies and play games without any difficulty.

5. High-grade LCD screen, flicker-free and low-radiation, relieving asthenopia and protecting eyes; featured with high brightness, high contrast and wide viewing angle; quick response, greatly reducing the ghosting of moving images.

6. Progressive image processing with advanced motion compensation technology, eliminating jaggies and blurring on the edge of moving images completely.

7. Dynamic contrast, improving definition and contrast of various images obviously.

8. Multiple USB interfaces, supporting HD streaming.

9. The ultrathin and narrow-bezel design.

Safety Warning and Precautions

Thanks for purchasing our high-performance multi-functional LED electronic whiteboard. As a very valuable product, it could bring you better visual enjoyment. All factors ensuring personal safety have been considered when designing the product, and it has passed our rigid tests before delivery. However, improper installation or use may cause electric shock or fire, etc. To ensure your safety, prolong the service life of the product and give full play to optimum performance, please read and understand these instructions and nameplates carefully before use and follow them strictly in use. Also, keep this Manual carefully for future reference.

⚠ Warning	May cause personal injuries	⚠ Attention	May cause injuries or property losses
🚫	Prohibited behavior	⚫	Required operation

In case of the followings	
- Power outage or unstable voltage. - The product emits abnormal sounds or smell. - AC power cord is damaged - The LCD electronic whiteboard is damaged due to fall, strike or impact. - Any liquid or external object enters the housing.	▷

Power off the LCD electronic whiteboard immediately, remove the power plug from the socket and timely contact the authorized professional technician for repair

- **When coal gas or other inflammable gases leak, do not insert or remove the power plug of LCD electronic whiteboard and other electrical appliances, but close the valve with gas leakage immediately and open the doors and windows quickly.**

Safety Warning and Precautions

⚠ **Warning**

🚫
- **Do not use the power source other than AC 220V, 50Hz.**
- **All connecting cables shall be connected to and disconnected from the interfaces when power is cut off.**
- **Do not install the LCD electronic whiteboard on an unstable place, or it may fall down to cause damage or even fire.**
- **Do not expose the LCD electronic whiteboard to:**
  1. **Direct light, and humid, very hot, cold or dusty environment;**
  2. **Environment where explosive and inflammable substances are stored or used;**
  3. **Environment filled with combustible or corrosive gases;**
  4. **Bath rooms and kitchens, etc.**
- **Do not use any damaged or unsuitable socket and ensure reliable contact between the plug and socket.**
- **Ensure the power plug and socket is not attached with dust**

🚫
- **Do not connect too many plugs in parallel to the same socket, or excessive power may cause fire.**
- **Keep LCD electronic whiteboard away from open fire (e.g. a lit candle), or it may cause electric shock or fire.**
- **Keep the product away from water drops or splashes. Do not put any container filled with water on the product, or there could be a risk of fire or electric shock.**
- **Do not insert any sharp or metal object or pour any liquid into the signal connector or ventilation holes, or there could be a risk of short circuit, product damage or electric shock.**
- **The ventilation holes in the housing are designed to protect the product against overheating and ensure the inside components are durable and reliable. Be careful not to block the holes.**

🚫 **Do not touch the plug with a wet hand, or it may cause electric**

and metal impurities.

● **Do not damage the power cord:**

1. Do not refit the power cord;
2. Do not place any heavy object on the power cord;
3. Keep the power cord away from the heat source;
4. Do not pull the power cord when removing the power plug.

shock.

⚠ **Do not use the product in case of rainstorm and especially thunder and lightning; please disconnect the power supply and antenna plug timely to prevent from thunderstrike.**

🚫 **For your safety, you are not allowed to disassemble the product in any manner, or it may cause electric shock or fire. Please contact professional technicians for repair.**

⚠ **Attention**

● **Do not allow the children to climb on the product.**

● **Keep small attachments out of reach of children to avoid accidental swallowing.**

● **If the product will not be used in a long time, please power it off and remove the power plug.**

● **When the position or angle of the product needs to be adjusted, please disconnect all cable connections and move it slowly to prevent it from falling.**

● **Do not use any other hard object to rub, knock on, warp or press the screen.**

● **If you move the product from a low-temperature place to a high-temperature place, please wait a while before use. Otherwise, it could have a fault due to condensation.**

● **Before cleaning the product, please disconnect the power plug; wipe it with soft cloth. Note to use no industrial chemical agent for cleaning and prevent any external object from entering the product. Improper cleaning (e.g. detergent and water, etc.) may damage the product appearance, remove the information printed on the product and even enter the internal components to cause damage and display failure.**

● **If the screen displays the same image for long or stable letters and icons exist in the moving image for long, "ghost" may reside on the screen and will not disappear in a long time after power off, which is beyond the warranty coverage.**

● **When the power plug is removed from the socket, the power supply for the product will be disconnected.**

Safety Warning and Precaution ⚠ Attention

- If the LCD screen is broken to cause splashes on skin, please wash with clean water for 15min and seek medical advice.
- When handling the product with hands, please hold four corners tightly and prop the bottom, but do not exert force on the panel.
- Healthy use of the product: Please use it under suitable light; insufficient light or long watching time may damage your eyesight.

- If you use any power plug or appliance coupler as the disconnection device, please ensure they are easy to operate.
- Insert the power plug into the power socket reliably. Unreliable connection could cause sparkles or fire.
- The technical parameters provided both in this Manual and on the outer package are subject to change without further notice; in case of any difference between actual operation and the descriptions herein, the former shall prevail.
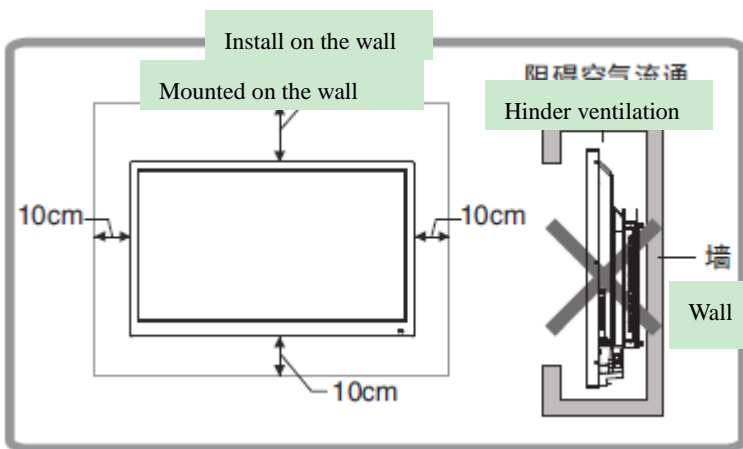
- Please reserve some spaces around the product as indicated in the figure.
- Do not cover the ventilation holes or insert any object into the housing.
- Do not place the product in the confined space, such as a bookcase or embedded cabinet, unless suitable ventilation conditions are provided. Sufficient space shall be reserved around the product for ventilation.

Installation and Connection

Packing List

Part Name		Part Name	
1 LCD electronic whiteboard	●	1 disk (optional)	●
1 remote control	●	1 warranty card	●
1 User's Manual	●	1 certificate of quality	●
1 power cord	●	1 Instruction for Wall Mounting (optional)	●
2 styluses	●	2 batteries (optional)	●

Please note that:

If you have any questions on operation, debugging and connection of the touch screen, please contact the dealer in your area; if the product does not work normally, disconnect the power immediately and consult the dealer in your area. The product is a Grade A product, so it could cause radio interference in the living environment. In this case, the user needs to take feasible measures against interference, and also add the power plug as a disconnection device.
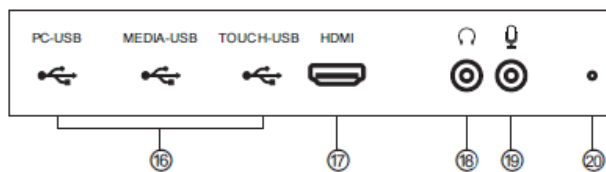
Installation and Connection

- Place the LCD electronic whiteboard nearby an AC power socket which is easy to plug and unplug.
- For your safety, you are recommended to use a suitable wall bracket or base.
- To prevent injuries, please place the product on a stable and even plane or fasten it on a firm wall.
- If the product needs to be mounted on the wall, ask the professional technicians for help. Improper installation may cause unreliable fixture of the product.
- Do not put the product in a place with the possibility of mechanical vibration.
- Do not put the product in a place where bugs may enter easily.
- Do not install the product facing an air conditioner, or it may cause some fault due to condensation of internal panel.
- Do not put the product in a place with strong electromagnetic field, or it may suffer from interference of electromagnetic wave and damages.

Interfaces

Below 79" (001/002/004/005) interfaces
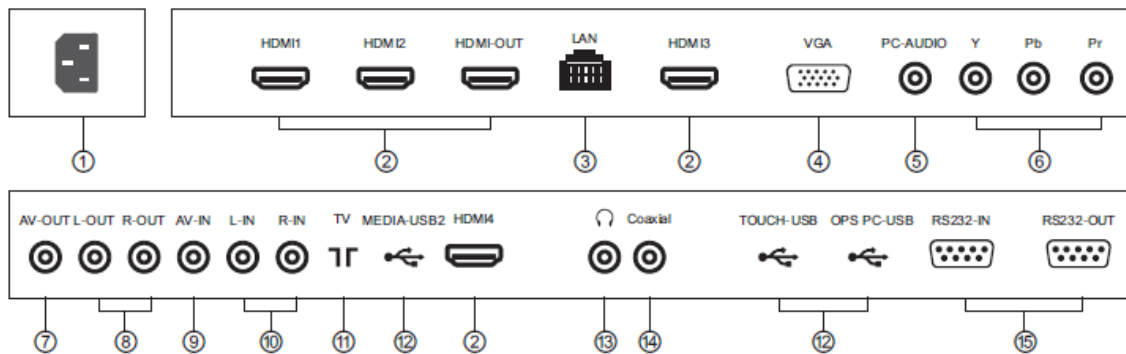
Front frame interfaces for Series 001/002   Front frame interfaces for Series 004/005
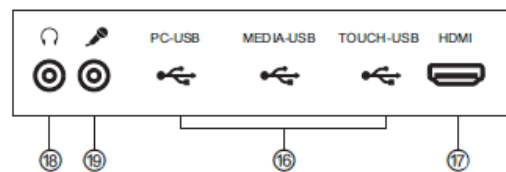
Remark: Different models in the same series may have varied interfaces; Please refer to the actual product.

1. Power interface; 2. HDMI; 3. Network interface; 4. VGA interface; 5. PC audio interface;
6. YPbPr/YCbCr input interfaces; 7. Video output interface; 8. Audio output interfaces; 9. Video input interface; 10. Audio input interfaces; 11. TV antenna interface; 12. USB interface; 13. Earphone interface; 14. Coaxial interface; 15. RS232 input and output interfaces; 16. USB interface on front

frame; 17. HDMI on front frame; 18. Audio interface on front frame; 19. Microphone interface on front frame; 20. LED light sensor.

Note: Please firstly disconnect the power plug when you install or assemble & disassemble the product!

Installation and Connection

79" and above (001/002) interfaces

Remark: Different models in the same series may have varied interfaces; Please refer to the actual product.

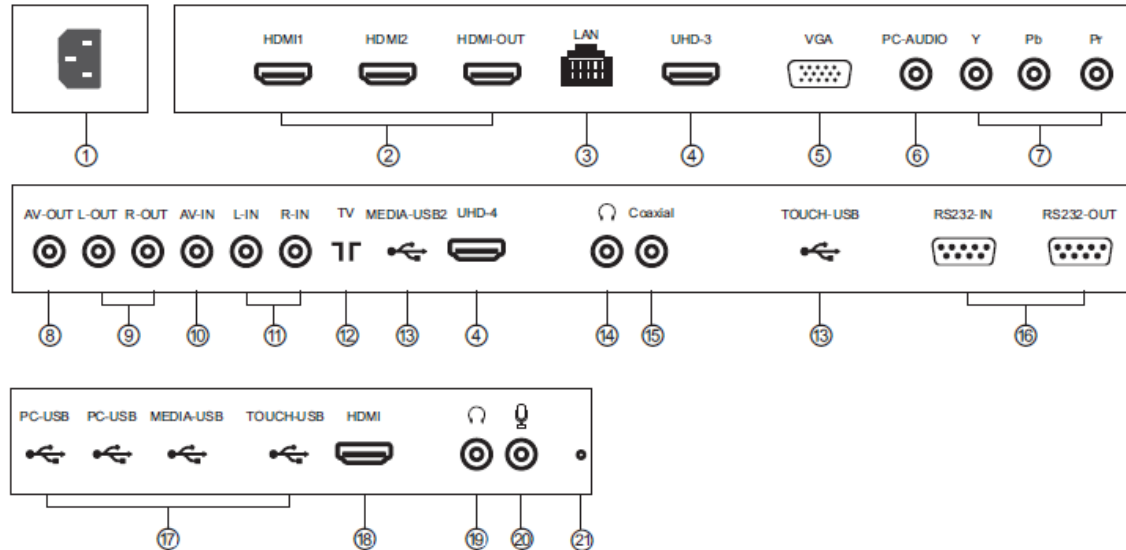1. Power interface; 2. HDMI; 3. Network interface; 4. UHD interface; 5. VGA interface; 6. PC audio interface; 7. YPbPr/YCbCr input interfaces; 8. Video output interface; 9. Audio output interfaces; 10. Video input interface; 11. Audio input interface; 12. TV antenna interface; 13. USB interface; 14. Earphone interface; 15. Coaxial interface; 16. RS232 input and output interfaces; 17. USB interface on front frame; 18. HDMI on front frame; 19. Audio interface on front frame; 20. Microphone interface on front frame; 21. LED light sensor.

Note: Please firstly disconnect the power plug when you install or assemble & disassemble the product!

79" and above (004/005) interfaces
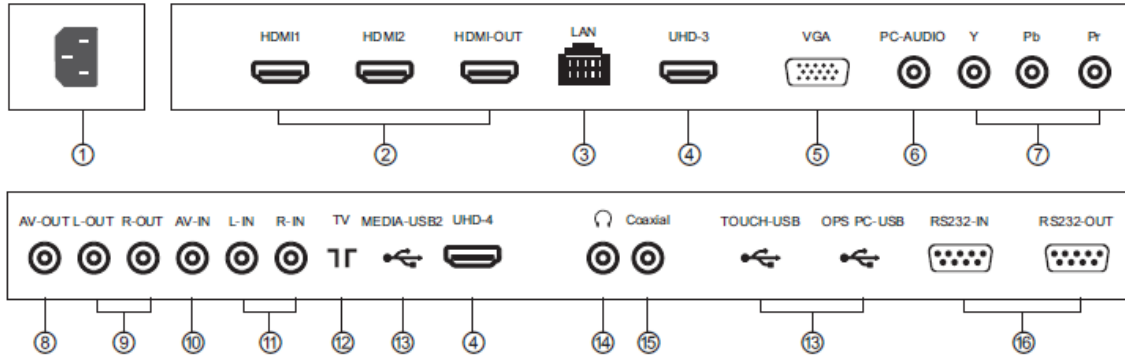
Installation and Connection

Remark: Different models in the same series may have varied interfaces; Please refer to the actual product.

1. Power interface; 2. HDMI; 3. Network interface; 4. UHD interface; 5. VGA interface; 6. PC audio interface; 7. YPbPr/YCbCr input interfaces; 8. Video output interface; 9. Audio output interface; 10. Video input interface; 11. Audio input interfaces; 12. TV antenna interface; 13. USB interface; 14. Earphone interface; 15. Coaxial interface; 16. RS232 input and output interface; 17. USB interface on front frame; 18. HDMI on front frame; 19. Audio interface on front frame; 20. Microphone interface on front frame.

Note: Please firstly disconnect the power plug when you install or assemble & disassemble the product!

Connection of external equipment to 65" Series 003

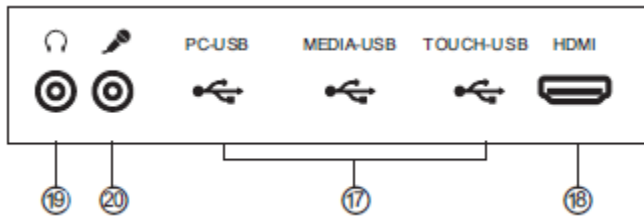Remark: Different models in the same series may have varied interfaces; Please refer to the actual product.

1. Power interface; 2. USB interface; 3. HDMI; 4. Network interface; 5. VGA interface; 6. PC audio interface; 7. YPbPr/YCbCr input interface; 8. Video output interface; 9. Audio output interface; 10. Video input interface; 11. Audio input interfaces; 12. TV antenna interface; 13. Earphone interface; 14 Coaxial interface; 15. USB interface on front frame; 16. HDMI on front frame; 17. Audio interface on front frame; 18. Microphone interface on front frame; 19. LED light sensor.

Note: Please firstly disconnect the power plug when you install or assemble & disassemble the product!

Installation and Connection

Connection Diagram

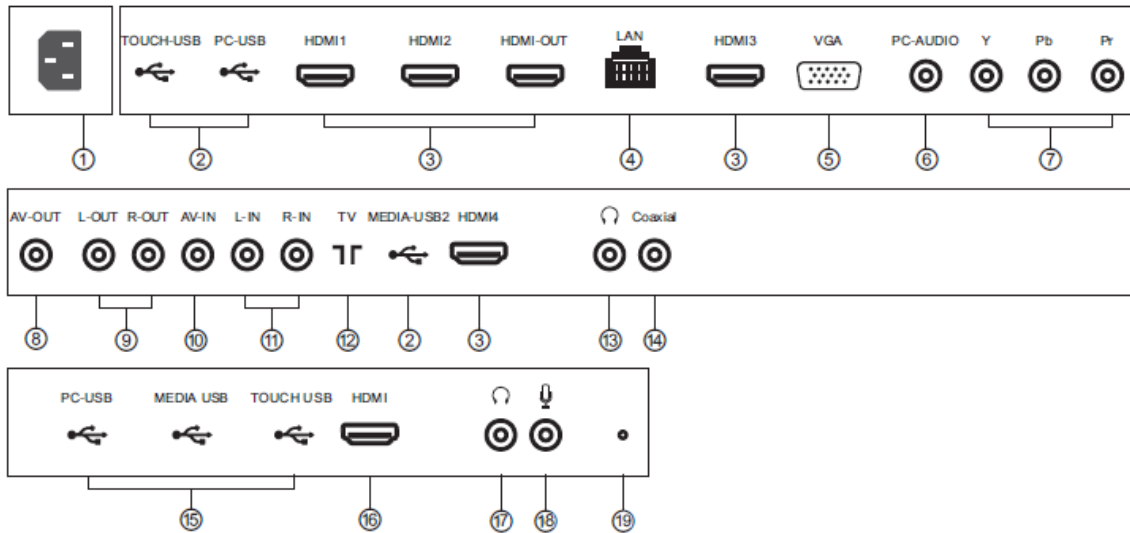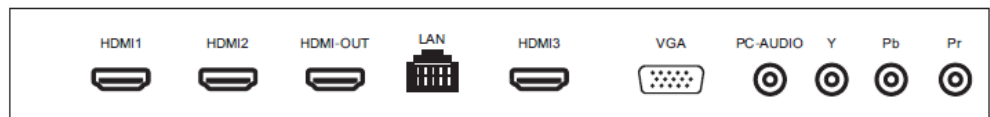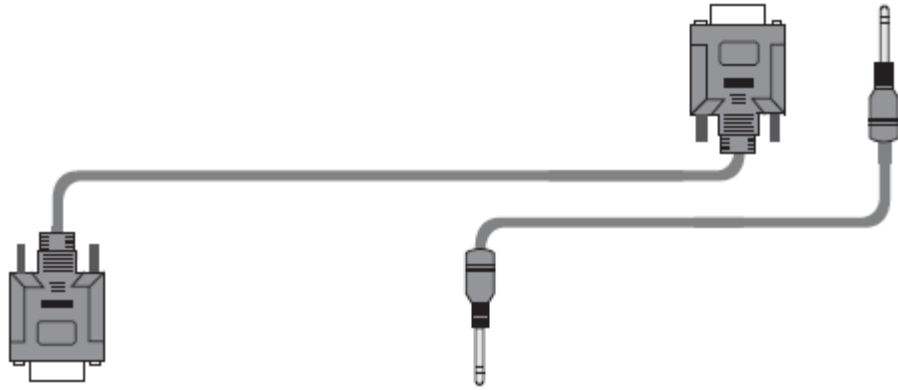Connection diagram for PC and whiteboard (Note: Please firstly disconnect the power plug when you install or assemble & disassemble the product!)
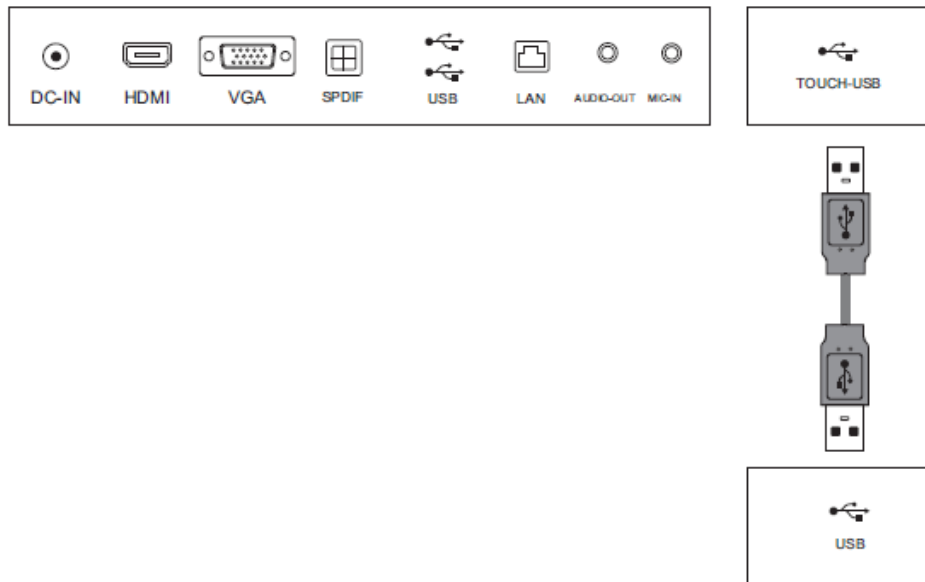
● Connection diagram

Interfaces on the whiteboard

Interfaces on PC

Remark: The connection diagram described herein is only for reference in PC connection; the actual operation shall prevail.

Installation and Connection

Keys on the Panel
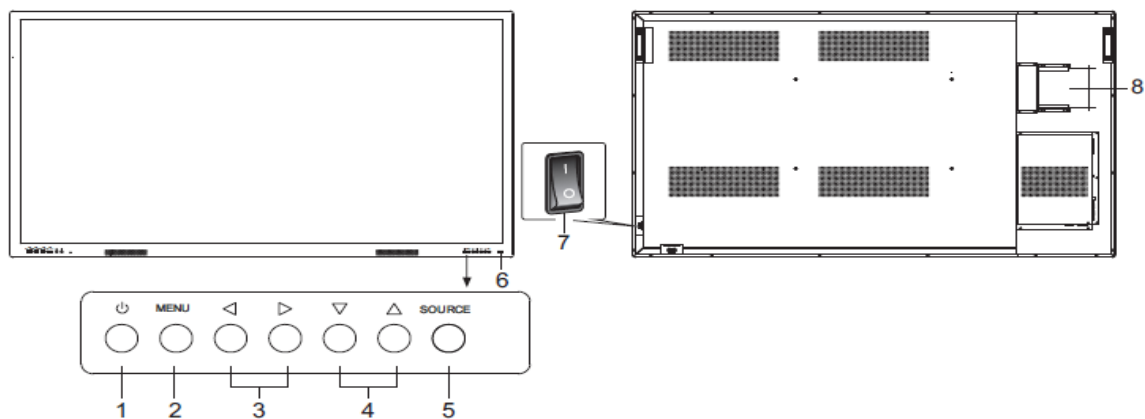
1. ⏻ Power/Standby key (long press for standby/press for BLANK- black screen); 2. **MENU**: Press it to display the setup menu; 3. ◀/▶: VOL +/- keys; in OSD menu operations, press them to adjust the analog value of the selected item; their functions are the same as ◀/▶ keys on the remote control; 4. ▲/▼: Channel number +/- keys; in OSD menu operations, press them to select the item to be adjusted; their functions are the same as ▲/▼ keys on the remote control;

5. **SOURCE**: Press it to enter the signal source selection menu to select a signal source; in OSD menu operations, press it to confirm the operation; its function is the same as "**OK**" key on the control panel;

6. Indicator and remote control reception window; 7. ⏻ On/Off key ("**I**" end is for power on, and "**O**" end is for power off. The key is optional; please refer to the actual product.); 8. OPS.

Remark: ○,₁ **Different models may have varied appearances; Please refer to the actual product.**

        ○,₂ **"SOURCE" (on ANDROID operating system) – BACK: Return key;**

        ○,₃ **"▲" (on ANDROID operating system) – HOME: Homepage key.**

Remote Control

Installation of the batteries:

Remove the battery compartment cover and install two AAA batteries (1.5V) into the battery compartment as per the polarity symbols "+" and "-".

Precautions:

● The remote control should aim at the reception window. Do not leave any obstacle between the remote control and the reception window, or normal operation may be interfered.

● Protect the remote control against violent vibration. Do not put or use the remote control in direct sunlight, or the heat could cause it to deform.

● The remote control may not work if the reception window is exposed to direct sunlight or strong light. Please change the direction of the light or product, or get closer to the reception window to operate the remote control.

● Low battery voltage could lead to a shorter remote control distance, please replace the battery. If

the remote control is to be kept idle for a long time, please remove the battery to avoid the corrosion to the remote control caused by battery leakage.

● Do not use batteries of different types or mix new batteries with old ones. Always replace the batteries in pairs.

● Do not put the batteries in fire, or charge or disassemble them, or charge, short circuit, disassemble, heat or burn used batteries. Please dispose of waste batteries in accordance with local environmental regulations. Do not expose the batteries to the overheated environment like sunlight or baking.

Remote Control
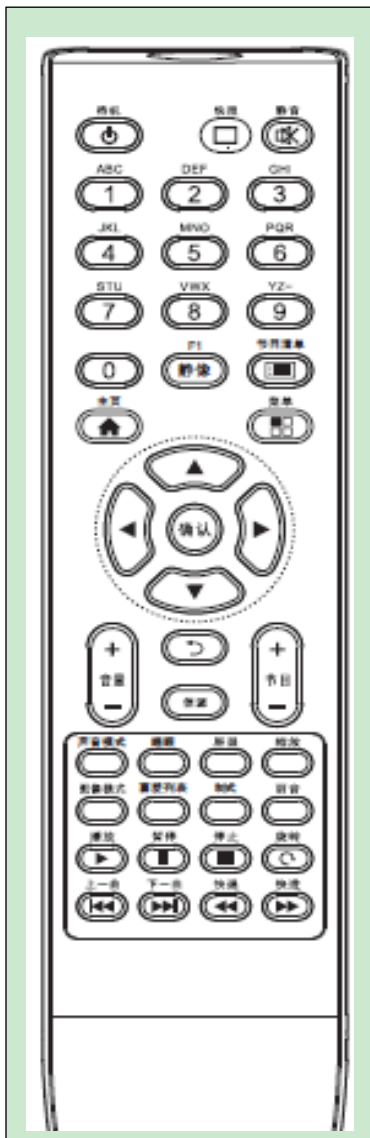
Keys on the Remote Control

Key	Description
Standby (⏻)	Switch between working mode and standby mode
Snapshot (▢)	Take screenshot
Mute key (🔇)	Turn on or off the sound
Letter/numeric keys	Input any letter and number
F1 (still image)	Turn on or off still image in LCD electronic whiteboard
Program list (▤)	Character input backspace key/view TV program list
Homepage (🏠)	Display the homepage
Menu (▦)	Display the main menu
Cursor keys (◀/▶/▲/▼)	Select or adjust the menu item
VOL +/-	Increase/decrease the volume
Return (↩)	Return to the previous page
Source	Display the signal source selection menu (only for TV system)
Channel +/-	Increase/decrease the channel
Sound mode	Switch sound modes
Sleep	Set a time for auto power-off
OSD	Display the program information
Zoom	Switch the display scale
Image mode	Switch image modes
Favorite list	Display the list of favorite channels
SYS	Switch TV systems
NICAM (optional)	Select NICAM mode
OK (OK)	Confirm the current operation
Play (▶)	
Pause (⏸)	
Stop (■)	
Rotate (↻)	
Previous (⏮)	Used for multimedia operations on the intelligent

Next (⏭)	platform
Fast rewind (⏪)	
Fast forward (⏩)	

Remark: The actual appearance of the remote control may be different from the picture. Please refer to the actual product.)

Basic Operations

Power On/Standby

Insert the power plug into the power socket, press the on/off key "⏻" (if applicable) on the LCD electronic whiteboard to turn on it; and then press the "⏻" key on the remote control or control panel to turn on the LCD electronic whiteboard; if there is no on/off key "⏻", just press the "⏻" key.

In on state, press the "⏻" key to enter the standby state

Signal Source Selection

Press the "**SOURC**E" key on the remote control or control panel to enter the input signal source menu, press the "▲/▼" keys on the remote control or the "**Channel +/-**" keys on the control panel to select a signal source. Then press the "**OK**" key on the remote control or the "**SOURC**E" key on the control panel to switch to the selected input signal source.

Basic Operations
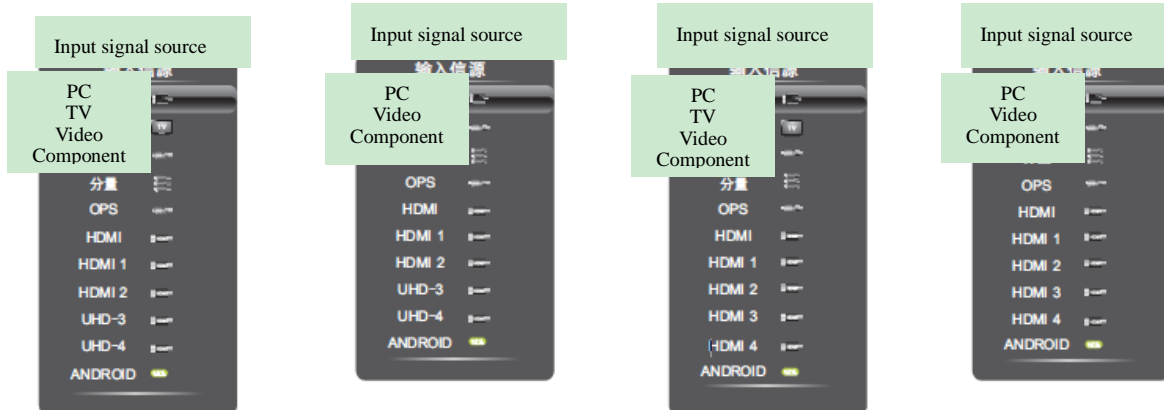
Input signal source	Input signal source	Input signal source	Input signal source
PC TV Video Component 分量 OPS HDMI HDMI 1 HDMI 2 UHD-3 UHD-4 ANDROID	PC Video Component OPS HDMI HDMI 1 HDMI 2 UHD-3 UHD-4 ANDROID	PC TV Video Component 分量 OPS HDMI HDMI 1 HDMI 2 HDMI 3 HDMI 4 ANDROID	PC Video Component OPS HDMI HDMI 1 HDMI 2 HDMI 3 HDMI 4 ANDROID
001-T/002-T/004-T/ 005-T (above 79'')	001/002/004/ 005 (above 79'')	001-T/002-T/004-T/ 005-T (below 79'')	001/002/004/005 (below 79'') 003

Menu Operations

In this Chapter, we take the menu operations of LCD electronic whiteboard as an example, and menu operations in other modes are similar to those of LCD electronic whiteboard. As for the operations in intelligent mode, please refer to the Instructions for Intelligent Platform hereinafter.

Press the "**MENU**" key on the remote control or control panel to display the main menu:

1. Press the "◀/▶" keys on the remote control or the "**VOL +/-**" keys on the control panel to select an adjustable menu, like **[Image], [Sound], [Channel] or [Settings]**.

2. Press the "▲/▼" keys on the remote control or the "**Channel +/-**" keys on the control panel to select an item to be adjusted.

3. Press the "**OK**" key on the remote control to enter the selected item.

4. Press the "◀/▶" keys on the remote control or the "**VOL +/-**" keys on the control panel to change or set the analog value of the selected item.

5. When the main menu appears on the screen, you can press the "**MENU**" key to exit from the main menu;

6. In menu operations, the currently inoperable items will turn grey.
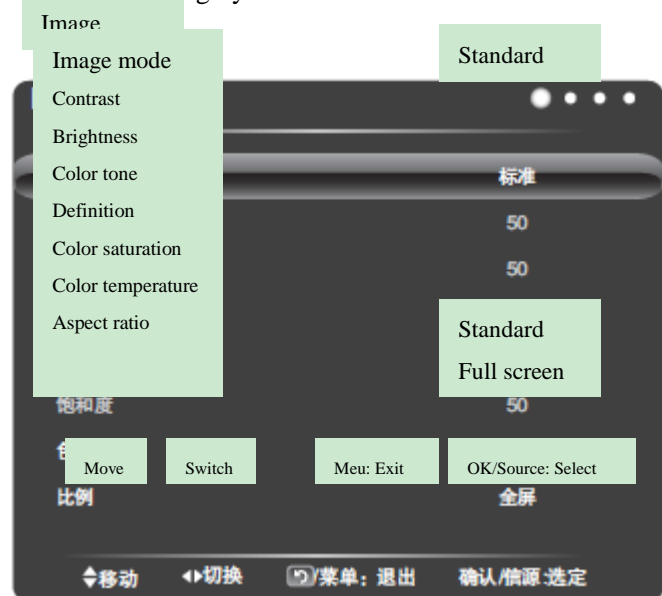
Basic Operations

Setting List

	Image mode	Adjust the overall image effect: "[Standard], [Soft], [User] or [Bright]".
	Contrast	Adjust the overall image layering: The bigger the analog value (0-100), the higher the layering.
	Brightness	Adjust the overall image brightness: The bigger the analog value (0-100), the higher the brightness.
	Color tone	Adjust the color tone: The bigger/smaller the analog value (0-100), the greener/more purple the tone.
	Definition	Adjust the image definition: The bigger the analog value (0-100), the higher the definition.

Image	Color saturation	Adjust the color depth: The bigger the analog value (0-100), the darker the color.
	Color temperature	Adjust the overall color temperature: [Standard], [Warm] or [Cold].
	Aspect ratio	Adjust the image display scale: [Full Screen], [4:3], [Movie] or [Subtitle].
Image	Noise reduction	Set the noise reduction level: [Medium], [High], [Off] or [Low].
	PC image adjustment	Adjust the image display range in PC mode (available under PC signal source).
	Remark: The analog values of contract, brightness, color tone, definition and color saturation are adjustable only in the user mode.	
Sound	Sound mode	Select a sound effect: [Standard], [Music], [Movie] or [User].
	Bass	Adjust the bass: The bigger the analog value (0-100), the higher the bass.
	Treble	Adjust the treble: The bigger the analog value (0-100), the higher the treble.
	Balance	Adjust the balance between left and right tracks: Slide to the left/right to increase the left-track/right-track volume (L50-R50). Generally, set it to 0.
	Surround	Turn on/off the surround effect.
	Coaxial output	Select the digital audio output mode: PCM or RAW.
	Remark: The analog values of bass and treble are adjustable only in the user mode.	
Settings	Menu display time	Set the menu display time: [5s], [10s], [15s], [20s], [30s] or [Constant display].
	Reset	Restore the factory default settings

Instructions for Intelligent Platform

Basic Operations

Press the "🏠" key on the remote control to display the intelligent homepage (as shown in the figure).

1. Press the "◀ / ▶ / ▲ / ▼" keys to select the application;
2. Press the "**OK**" key to run the application;
3. Press the "**Return**" key to return to the previous page.

Instructions for Intelligent Platform

★ Tips

The operations under intelligent mode are complicated; the user may have the discretion to install and download the applications; different applications have varied operations. The operations of applications described in this Manual are only for reference. Please operate the product as the case may be. Some functions cannot be realized via remote control, so you are recommended to use the mouse and keyboard with USB interfaces for easier operation. The mouse and keyboard need to connect to USB interfaces on the product.

QuickStart

Please get familiar with the following operations before using the product for better user experience.

Mouse Operation

1. Click: Click the mouse button and then release it at once;
2. Long press: Press the mouse button for over 3s and then release it;
3. Click the left mouse button to confirm just as the "**OK**" key on the remote control;
4. Click the right mouse button to return just as the "**Return**" key on the remote control.

Language and keyboard settings

Language: In intelligent mode, select **Settings > Language and Keyboard Settings > Language Settings** and press the "**OK**" key; press the "▲/▼" keys to select the target language and press the "**OK**" key.

Input method selection: In intelligent mode, select **Settings > Language and Keyboard Settings > Change Default Input Method** and press the "**OK**" key; select the target input method in option menu and press the "**OK**" key to select it; the system is provided with "Android keyboard" and "Google Pinyin IME", and the user may download the third-party input methods.

System time setting: In intelligent mode, select **Settings > Time and Date Settings > Auto Acquisition of Time and Date via the Internet** and press the "**OK**" key; the system will acquire time from the Internet and update automatically; if your LCD electronic whiteboard is not connected with the Internet, you can only set the system time manually in Time and Date Settings.

Screenshot: Insert USB storage device into the USB interface on the product prior to taking screenshots and press the "**Snapshot**" key. After screenshot, the picture will be saved in the folder ":\Pictures\Screenshots" of USB storage device.

Intelligent Application

Browser: You can display the texts, images, sounds and other information on the Internet by using the browser.

Before the Internet access, you must connect the LCD electronic whiteboard to the Internet firstly; please refer to "**Settings > Internet and Location Settings**" for detailed setting methods.

Instructions for Intelligent Platform

❶	Return to the previous page
❷	Go to the next page
❸	Refresh
❹	Browser page

❺	Close the current page
❻	Add a new page
❼	Website input box
❽	Add a bookmark

❾	Search the input content
❿	Browser menu
⑪	OK

◆ **How to access a website?** Firstly press "◀/▶/▲/▼" keys to select the website input box and then input the network address to be accessed in the website box; at last, select the Go icon on the virtual keyboard and press the "**OK**" key to access the website.

◆ **How to save a website as a bookmark?** Firstly select ☆ icon in main interface of the browser and press the "**OK**" key; and then input the browser label and website. Select an account and

press the "**OK**" key; and then press the "▲/▼" keys to select the storage account, and press the "**OK**" key. Press the "**OK**" key to add the bookmark.

◆ **How to copy and paste the text in a webpage?** Move the cursor over the text to be copied; long press the left mouse button, and then a pair of selecting cursors will appear on the screen. Drag the selecting cursors to select the text; select **COPY** on the top of screen and click the left mouse button to select the position to paste; long press the left mouse button and click **PASTE** in the popped up dialog box.

E-mail: The e-mail sending option helps the user to log in the individual or corporate email account; and then the user can receive and send e-mails.

Music: Before using the function, please insert USB storage device into the USB interface on the product.

1. In intelligent mode, select **All Applications > Music**, and press the "**OK**" key to operate;
2. The submenu provides [Music], [Artist] and [Special] for selection, and press the "**OK**" key to confirm.
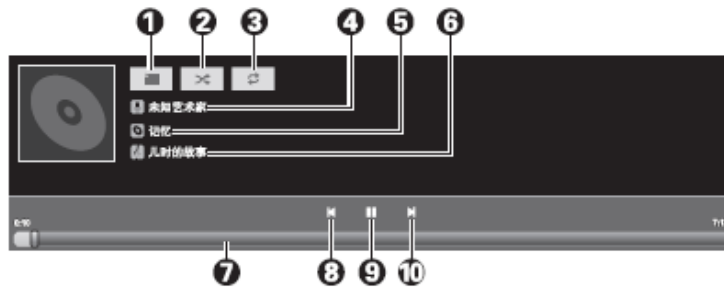
❶	Display the playlist
❷	Shuffle play
❸	Repeat play mode setting
❹	The artist of current song
❺	The album of current song
❻	Current song name

❼	Progress bar; drag the cursor to adjust the playing progress by using the mouse
❽	Fast rewind/previous song; click the left mouse button to play previous song and long press the left mouse button for fast rewind.
❾	Play/pause
❿	Fast forward/next song; click the left mouse button to play next song and long press the left mouse button for fast forward.

APK installer: APK installer option helps the user to manage the applications. The user can install any installation file saved in a local disk or remove any application installed locally. Tip: You can select **Settings > Application Management** to set whether it is allowed to install non Appstore applications and set the preferred installation location or manage all applications.

◆ **How to install an application?** Enter APK installation to select **Install** and press the "**OK**" key to enter. Select a target file in a local disk as the installation route and find the installation package to be installed in the right box and press the "**OK**" key.

◆ **How to delete an application?** Firstly select **Manage** and press the "**OK**" key to enter; and then select the application to be removed and press the "**OK**" key; at last, select **Uninstall** and click the "**OK**" key to remove the application automatically.

Instructions for Intelligent Platform

Multimedia player: Connect to the USB storage device via USB interface; in intelligent mode, select **Local Play** and press the "**OK**" key to run. Select the file category from [All], [Picture], [Music] and [Video] on the left.

◆ **Play the file saved in a local disk device**: Firstly insert the USB storage device into the USB interface of the product before playing the file saved in a local disk device.

Select the **Local Disk Device** from the file list in the middle and press the "**OK**" key to enter. Select "**Return**" and press the "**OK**" key to return to the previous folder;

	Local disk device	Folder
All	Internet DLNA device	Folder
	Internet SAVDA device	Folder
Picture		
Music		
Video	Local disk device	

select a folder and press the "**OK**" key to enter this folder, and then press the "**Return**" key to return to the desktop.
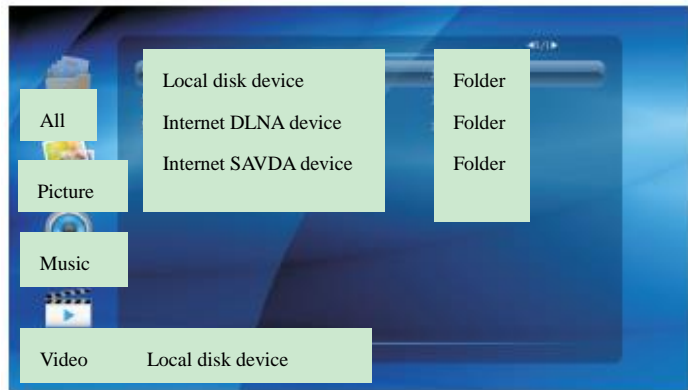
Note:

○,1 **Some nonstandard USB devices may not be identified; please replace with standard USB devices;**

○,2 **The streaming system has a certain limitation on the format of each playing file; if the system limitation is exceeded, an error will occur in playing;**

○,3 **Do not insert and remove a USB device in playing, or it may bring some problem to the system or device.**

○,4 **The system supports the USB devices and mobile HDDs, etc. with standard USB1.1 and USB2.0 interface and transmission protocols;**

○,5 **Maximum output current of USB interfaces in the product is 500mA; the product will activate self-protection in case of excessive current; if the user connects an external device with larger current, it is recommended to use an external power supply.**

○,6 **The system is very complicated and equivalent to a PC system, so freeze or no response may occur in file reading or playing due to compatibility and stability, etc. of USB devices; in such case, please attempt to power off and reinitialize the system.**

◆ Introduction to the option icon of playing interface

Current image: White Screen.jpg

Menu option of picture player

◄◄	Play the previous picture.	↶	Rotate 90° left.
►	Pause/start slide playing.	↷	Rotate 90° right.
►►	Play the next picture.	❶	Display detailed picture information.
⊕	Zoom in the picture.	⛰	Picture playing settings.
⊖	Zoom out the picture.		

Current music: Mei Yanfang – Aijiang.mp3

1/8

00:05 ———————————————————— 04:25

Menu option of music player

⏮	Play the previous music.		⟳	Set loop playback: All loop, single loop and shuffle play.
⏸	Pause/start music playing		🗐	View the playlist.
⏭	Play the next music.		❶	Display detailed music information

Menu option of video player

Playing: Demonstration Disc.H264_DAKEAI_1.avi

7/7

*1 speed

00:00:06 ———————————————————— 00:04:21
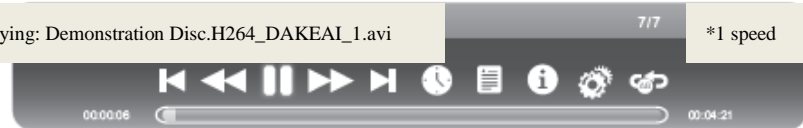
Instructions for Intelligent Platform

⏮	Play the previous video.		🗐	View the playlist.
⏪	Select the speed of fast rewind.		❶	Display detailed video information.
⏸	Pause/start video playing.		⚙	Playback settings. Activate subtitle display and adjust the track progress in this option.
⏩	Select the speed of fast forward.			
⏭	Play the next video.		⟳	Set repeat playing between A and B; after setting, the video will be played repeatedly between A and B.
🕐	Select a time point to start watching.			

During playing, press the "**OK**" key to display the menu options as shown in the above figure, select the corresponding icon and press the "**OK**" key to confirm the operation; the user may press the "**Return**" key to exit from playing, or press the "▶、Ⅱ、■、◀◀、▶▶" keys on the remote control as shortcut keys.

Settings

Visible passwords: Display the password information when input passwords in PPPOE dialing and wireless network connection. Select **Visible Passwords** and press the "**OK**" key to enable and disable the function.

Network settings: Select **Network Settings** in **Settings** of intelligent mode and press the "**OK**" key to enter.

◆ **Wired settings**: Before using a wired network, firstly connect one end of the network cable to the interface of LCD electronic whiteboard and then connect the other end to the router.

1. Select **Wired Settings** and press the "▶" key to enter settings;
2. When your router is set to allow automatic acquisition of IP address, select **Automatic Acquisition of IP Address** and press the "**OK**" key, and then your LCD electronic whiteboard will acquire IP address automatically. When your router is not set to allow automatic acquisition of IP address, you must finish network connection as follows;
3. Select **IP Address** and configure an available IP address for the product;
4. Select **Default Gateway** and configure an available gateway for the product;
5. Select **Primary DNS** and **Secondary DNS**, and configure an available DNS server address for the product;
6. Select **Save** and press the "**OK**" key; and then the system will prompt that settings are completed.

◆ **Wireless settings**

1. Select **Wireless Settings** and press the "**OK**" key;
2. Select **Wi-Fi** and press the "**OK**" key to activate the wireless network.
3. Select **SSID** and press the "**OK**" key to view the nearby wireless networks signal searched by the product; when [icon] icon is shown among the searched networks, it indicates this network is available without passwords; when [icon] icon is shown among the searched networks, this network has been secured with passwords and you must input passwords for connection;
4. Select the network to be connected in the network list and press the "**OK**" key;
5. Select **Establish Connection** and input the passwords in the password box; select **Connect** and then press the "**OK**" key;
6. When your router is set to allow automatic acquisition of IP address, select **Automatic Acquisition of IP Address** and press the "**OK**" key, and then your LCD electronic whiteboard will acquire IP address automatically. When your router is not set to allow automatic acquisition of IP address, you must finish network connection as follows.
7. Select **IP Address** and configure an available IP address for the product;
8. Select **Subnet Mask** and configure an available subnet mask for the product;

Instructions for Intelligent Platform

9. Select **Default Gateway** and configure an available gateway for the product;
10. Select **Primary DNS** and **Secondary DNS**, and configure an available DNS server address for the product;
11. Select **Save** and press the "**OK**" key; and then the system will prompt that the settings are completed.

◆ **WiFi Hotspot**: This setting is intended to use the LCD electronic whiteboard as a wireless hotspot;

1. Select **WiFi Hotspot** and press the "**OK**" key to activate WiFi hotspot;

2. Select **Configure WiFi Hotspot** and press the "**OK**" key;
3. Input the network name (SSID) in the textbox; the default name is "AndroidAP", and you can change it into other names;
4. Select **Security** and press the "◀/▶" keys to select the security type; if it is used as an open network, there is no need to set passwords; in this case, any device finding your network can connect to your open Wi-Fi network; if WPA PSK/WPA2 PSK is selected for encryption, you need to input 8 digits or more as the password; when other devices find your Wi-Fi network, they need to input correct passwords to connect to your network;
5. Select **Encryption** and the system will configure the passwords automatically for you, or you can also input your own passwords in the password box;
6. Select **Save** and press the "**OK**" key to save settings; and then your network will display on other Wi-Fi devices within the range when they search for the network.

Note: Please try not to set a too simple network password.

Important Statement about Web Service

All contents and services acquired from the product are in the possession of the third party and protected by the laws related to copyright, patent right, trademark right and/or other intellectual property right. Such contents and services are only for your own non-commercial purposes; any content or service shall not be used in any manner unauthorized by the content owner or service provider.

In any case, our company is not liable for any direct, indirect and accidental losses or damages arising from access to any content or service or any information or any third-party software via the product by you or any third party.

The third-party services may change, delete and stop without prior notice; our company does not make any representation or warranty about whether the service or content is available within any time limit.

Our company is not responsible for any service related to the said services and contents and is not liable for clients' services; if you have any question related to services or contents and service request, please contact the relevant content and service provider directly.

Troubleshooting

Fault	Possible Cause	Solution
Snowflake-like spots on the image accompanied with	1. The antenna connector is loose and the cable is damaged 2. The antenna type is not suitable	1. Check whether the antenna connector is loose or not and whether the cable is

noises	3. The antenna orientation or location is not proper 4. The signal is poor	undamaged or not 2. Check the antenna type (VHF/UHF) 3. Adjust the antenna orientation or location 4. Attempt to use a signal enhancer
No image display on the screen; no sounds; and dim indicator	The power plug is loose and power supply is not connected	Check whether the power cord is in proper connection or not
Dot line or stripe interference on the image	The signal is interfered, such as cars, neon lights and electric hair dryers	Do not use the electric hair dryer nearby the product and adjust the antenna orientation to reduce interference
Ghost	1. The signal is reflected by the surrounding mountains or buildings 2. The antenna orientation is not proper	1. Use a high-orientation antenna 2. Adjust the antenna orientation
No colors	Color saturation is too low	Enter "Image" submenu to increase color saturation
No accompanying sound	1. The volume is too low 2. Mute is activated	1. Adjust to the suitable volume 2. Press the "Mute" key on the remote control to disable the mute mode
No display on PC; Prompt of no signal input; Flickering of red indicator	The signal cable is loose or disconnected	Check whether the signal cable is loose or disconnected or not; connect it again if so
Image shift; image cannot fill the full screen or exceed the screen; vague display on PC	1. Improper adjustment 2. Improper display mode	1. Use the function of automatic adjustment 2. Enter "PC Image Adjustment" to adjust the horizontal or vertical position 3. Use the recommended mode
Short remote control distance; remote control failure	1. The remote control reception window is obstructed 2. Low battery of remote control unit	1. Move away the articles to avoid obstruction 2. Replace with new batteries
Failure in network access	1. Wrong configuration of network parameters	1. Inquire the network administrator to acquire

	2. Improper network connection 3. Network service is not available	available network IP address and other parameters 2. Check whether the network is connected normally or not 3. Consult the network service provider
Unsmooth online video playing	1. The network bandwidth is low 2. Several movies or other contents are downloaded at the same time 3. Many PCs share the same network	1. Update your network bandwidth to a higher level 2. Please attempt to replace with another websites for better resources
System is stuck, crashed and unable to operate	1. Many programs are running at the same time 2. External environment (such as lightning and static) disturbs the normal operation	Disconnect the power supply for the product; wait for 1-2min and then connect to power supply again; and then start it up

Technical Specifications

Overall Specification

Model	65'' (001)/65'' (001-T)	65'' (001 N)
Physical resolution	FHD 1920 × 1080 (pixels)	1920 × 1080 (pixels)
Pixel pitch	0.744mm × 0.744mm	
Response time	6.5ms	
Brightness	350 cd/m^2	
Contrast	4000:1	
Viewing angle	178°/178°	
Chroma	16.7M	
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment and refresh rate switching	
Control mode	Key control/infrared remote control/RS232 control	
Input voltage	AC 100-240V	
Power consumption	200 W	
Dimension (without packing)	1536mm×931mm×82mm (thickness)	1536mm×931mm×85.2mm (thickness)
Net weight/gross weight	72Kg/92Kg (heavy carton)	60.6Kg/82.8Kg (heavy carton)
Wall mounting holes	400 mm (H) × 400 mm (W)	
Installation method	Through the wall mounting holes	Through the wall mounting holes

	(screw size: M8)	(screw size: M6)
Housing material	Metal (NCT)	Metal + plastic
Environmental protection standard	All components and packing materials comply with the international environmental protection standards	

Model	70'' (001)/70'' (001-T)	70'' (001 N)
Physical resolution	FHD 1920 × 1080 (pixels)	1920 × 1080 (pixels)
Pixel pitch	0.807mm × 0.807mm	
Response time	8ms	
Brightness	400 cd/m^2	
Contrast	4000:1	
Viewing angle	178°/178°	
Chroma	16.7M	
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display	
Control mode	Key control/infrared remote control/RS232 control	
Input voltage	AC 100-240V	
Power consumption	310 W	
Dimension (without packing)	1636.9mm×981.45mm×92.5mm (thickness)	1636.9mm×981.45mm×96.3mm (thickness)
Net weight/gross weight	76Kg/94.5Kg (heavy carton)	72Kg/91.5Kg (heavy carton)
Wall mounting holes	600 mm (H) × 400 mm (W)	
Installation method	Through the wall mounting holes (screw size: M8)	
Housing material	Metal (NCT)	Metal + plastic
Environmental protection standard	All components and packing materials comply with the international environmental protection standards	

Technical Specifications

Model	79'' (001)/79'' (001-T)
Physical resolution	3840 × 2160 (pixels)
Pixel pitch	0.453mm × 0.453mm
Response time	5ms
Brightness	430 cd/m^2
Contrast	1400:1
Viewing angle	178°/178°
Chroma	1.06B
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching,

	color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	250 W
Dimension (without packing)	1857.4mm×1104.5mm×75.7mm (thickness)
Net weight/gross weight	91.4Kg/116.4Kg (heavy carton)
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Model	84.04'' (001)/84.04'' (001-T)
Physical resolution	3840×2160 (pixels)
Pixel pitch	$0.4845mm \times 0.4845mm$
Response time	5ms
Brightness	350 cd/m^2 / 420 cd/m^2
Contrast	1600:1
Viewing angle	178°/178°
Chroma	1.06B
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	500 W
Dimension (without packing)	1965.2mm×1164.2mm×87.6mm (thickness)
Net weight/gross weight	142Kg/173Kg (heavy carton)
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Technical Specifications

Model	97.52'' (001)/ 97.52'' (001-T)
Physical resolution	UHD 3840 × 2160 (pixels)
Pixel pitch	0.5622mm × 0.5622mm
Response time	5ms/8ms
Brightness	500 cd/m^2
Contrast	1300:1
Viewing angle	178°/178°
Chroma	1.06B
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	540 W
Dimension (without packing)	2245.4mm×1321.8mm×114.5mm (thickness)
Net weight/gross weight	162Kg/214Kg (heavy carton/with wooden pallet)
Wall mounting holes	800 mm (H) × (400 + 300) mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Model	64.5'' (002)/64.5'' (002-T)
Physical resolution	FHD 1920 × 1080 (pixels)
Pixel pitch	0.744mm × 0.744mm
Response time	8ms
Brightness	360cd/m^2
Contrast	4000:1
Viewing angle	178°/178°
Chroma	1.07B
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	240 W

Dimension (without packing)	1520.89mm×915.89mm×91.6mm (thickness)
Net weight/gross weight	66.5Kg/86Kg (heavy carton)
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Technical Specifications

Model	70'' (002)/70'' (002-T)
Physical resolution	FHD 1920 × 1080 (pixels)
Pixel pitch	0.807mm × 0.807mm
Response time	8ms
Brightness	400cd/m^2
Contrast	4000:1
Viewing angle	178°/178°
Chroma	16.7M
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	310 W
Dimension (without packing)	1631.69mm×974.09mm×97mm (thickness)
Net weight/gross weight	74.4Kg/92.2Kg (heavy carton)
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Model	64.5' (003)/64.5'' (003-T)
Physical resolution	FHD 1920 × 1080 (pixels)
Pixel pitch	0.248mm × 0.744mm

Response time	6.5ms
Brightness	350 cd/m²
Contrast	5000:1
Viewing angle	178°/178°
Chroma	1.07G
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	120 W
Dimension (without packing)	1490mm×902mm×73.7mm (thickness)
Net weight/gross weight	58.8Kg/77.8Kg (heavy carton)
Wall mounting holes	400 mm (H) × 300 mm (W)/ 400 mm (H) × 350 mm (W)
Installation method	Through the wall mounting holes (screw size: M6)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Technical Specifications

Model	64.5'' (004/005)/ 64.5'' (004/005-T)
Physical resolution	1920 × 1080 (pixels)
Pixel pitch	0.248mm × 0.744mm
Response time	6.5ms
Brightness	350 cd/m²
Contrast	5000:1
Viewing angle	178°/178°
Chroma	1.07G
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	120 W
Dimension (without packing)	1521.16mm×934.86mm×88.65mm (thickness)
Net weight/gross	54.5Kg/71.95Kg (heavy carton)

weight	
Wall mounting holes	400 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Model	70'' (004/005)/ 70'' (004/005-T)
Physical resolution	1920 × 1080 (pixels)
Pixel pitch	0.807mm × 0.807mm
Response time	8ms
Brightness	400 cd/m^2
Contrast	4000:1
Viewing angle	178°/178°
Chroma	16.7M
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	310 W
Dimension (without packing)	1637.6mm×1002.3mm×88mm (thickness)
Net weight/gross weight	77Kg/96.3Kg
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Technical Specifications

Model	84.04'' (004/005)/ 84.04'' (004/005-T)
Physical resolution	3840 × 2160 (pixels)
Pixel pitch	0.4845mm × 0.4845mm
Response time	5ms
Brightness	350 cd/m^2
Contrast	1600:1

Viewing angle	178°/178°
Chroma	10bit
System functions	Contrast, brightness, definition, color saturation, color tone, signal switching, color temperature adjustment, refresh rate switching and running state display
Control mode	Key control/infrared remote control/RS232 control
Input voltage	AC 100-240V
Power consumption	500 W
Dimension (without packing)	1966.06mm×1190.06mm×89.7mm (thickness)
Net weight/gross weight	102.85Kg/133.85Kg
Wall mounting holes	600 mm (H) × 400 mm (W)
Installation method	Through the wall mounting holes (screw size: M8)
Housing material	Metal (NCT)
Environmental protection standard	All components and packing materials comply with the international environmental protection standards

Requirements for working environment: Temperature: 0℃-40℃ Humidity: 20%-80% Barometric pressure: 86kPa-104kPa

Requirements for storage environment: Temperature: -10℃-60℃ Humidity: 10%-60% Barometric pressure: 86kPa-104kPa

1. Supported SYS: PAL+NTSC+SECAM; 2. Antenna input: 75Ω coaxial (asymmetric); 3. AV video input: 75Ω, 1Vp-p, RCA terminal; 4. AV audio input: 20KΩ, 500mV RMS; 5. YPbPr/HDMI video input: 480i, 480P, 576i, 576P, 720P, 1080i, 1080P, 4K (supporting HDMI for 79'', 84''and 98''); 6. The capacity of embedded memory is subject to the actual configuration; 7. The capacity of cache is subject to the actual configuration; 8. Wireless connection: Wi-Fi (IEEE 802.11 b/g/n); 9. Intelligent operating system: Android 4.0; 10. Browser: Google browser.

VGA Display Mode

No.	Mode	Resolution	Refresh Rate
1	VGA	720×400	70 Hz
2		640×480	60 Hz
3	SVGA	800×600	60 Hz
4	XGA	1024×768	60 Hz
5		1280×720	60 Hz
6	WXGA	1360×768	60 Hz
7		1600×900	60 Hz
8	WUXGA	1920×1080	60 Hz

Recommended operating mode: 1920×1080@60 Hz

X. Names and contents of toxic and hazardous substances or elements contained in the product

Names and contents of toxic and hazardous substances or elements contained in the product

Component	Toxic and Hazardous Substance or Element					
	Pb	Hg	Cd	Cr^{6+}	PBB	PBDE
Display screen	✕	◯	◯	◯	◯	◯
Housing	◯	◯	◯	◯	◯	◯
PCB assembly*	✕	◯	◯	◯	◯	◯
Power cord and connecting wires	✕	◯	◯	◯	◯	◯
Metal parts	◯	◯	◯	◯	◯	◯
Packing materials*	◯	◯	◯	◯	◯	◯
Remote control	✕	◯	◯	◯	◯	◯
Loudspeaker	✕	◯	◯	◯	◯	◯
Accessories*	◯	◯	◯	◯	◯	◯

∗: PCB assembly includes the PCB and its electronic components;
   Packing materials include the carton and Styrofoam, etc.;
   Other accessories include the User's Manual and so on;
◯: The toxic and hazardous substance contained in all homogeneous materials of that component does not exceed the limit requirement prescribed in the GB/T 26572-2011 standards.
✕: That toxic and hazardous substance contained in one or more homogeneous materials of that component exceeds the limit requirement prescribed in the GB/T 26572-2011 standards.

Provided by our material suppliers and verified by us, the data in the table above indicates that the product contains hazardous substances. Due to the limitation of the existing technology, the hazardous substances in some materials cannot be replaced, although we have been striving to improve this situation.

The product has an Environmental Friendly Use Period of 10 years. The pollution control symbol is shown on the right.

The EFUP is valid only when the user operates in normal conditions specified in the User's Manual.

Indicative Description of *Regulations on Recycling and Disposal of Waste Electrical and Electronic Products*

When you no longer need this product or its service life expires, please send it to a qualified recycling station in your area for recycling according to the Regulations on Recycling and Disposal of Waste Electrical and Electronic Products, in order to protect the Earth.

This manual is only for reference; in case of any difference between the product and the descriptions herein, the actual product shall prevail without further notice.

V1.2

For further assistance, please contact: