

DT653K / DT753K / DT863K

User's Manual for LCD Monitor

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.

Foreword

Thanks for purchasing our LCD monitor.

Please carefully read all accompanying documents before installing and using this product, as failure to operate according to the manual, or misoperation attributable to wrong understanding or other reasons, may result in electric shock, fire or other hazards. Pictures provided in this manual are for reference only. In case any picture deviates from the actual product, the latter shall prevail. To provide better services, we reserve the right to improve and modify this manual without further notice. Please keep this manual properly for future reference.

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Safety Warnings

1. Use only the power supply and voltage indicated on the label.
2. A three-prong power cord is included. Confirm that the ground terminal of the wall outlet is well grounded before installation. Route the power cord away from passageways to avoid treading; also keep away from areas where the power cord may get pressed.
3. Do not overload the power outlet, and use a certified power outlet.
4. In case of thunderstorms, please pull out the power plug and the network cable and disconnect the product from the antenna to avoid damage.
5. If it is to be left unused for a long period of time, please power it off and pull out the power plug.
6. In case of any abnormal sound or smell, please power it off immediately and pull out the power plug. If necessary, stop using it and contact the maintenance personnel as soon as possible.
7. Keep away from flammable and explosive materials (e.g., candle, electric stove, bulb).
8. Be careful to prevent any liquid or metal objects from entering into the product; if so, stop using it immediately and contact the maintenance personnel.
9. When it is moved from a low-temperature environment to a warm area, condensate may form inside it. In such case, the product should be placed still for at least 24h prior to restart to air-dry the condensate.
10. Handle it with at least two persons; avoid impact and pay special attention to the display screen during the transfer.
11. To avoid injury, please install the base according to the instructions, and then place the product on an even and steady ground; or, if the base is not installed, the product should be firmly fixed to a wall according to the wall-mount bracket installation instructions.
12. Do not place the product in any environment:
 - To direct sunlight, moisture, high/low temperature, or dust.
 - To poor ventilation or an enclosed environment.
 - To where any flammable or explosive material is present.
 - To where any combustible or corrosive gas is present.
13. In order to avoid the risk of explosion, do not expose the batteries to sunlight, fire or high temperature.

Customer Safety Information

Regulations and safety notices

FCC notice

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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

◆CE declaration of conformity

Hereby, Acer Inc., declares that this LCD monitor is in compliance with the essential requirements and other relevant provisions of EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of ecodesign requirements for energy-related product.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with EMC regulations.

Notice: Peripheral devices

If shielded cables were used when testing, Only peripheral (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals likely to result in interference to radio and TV reception. In order to maintain compliance with FCC regulations shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio & television reception.

Caution

Changes or modification not expressly approved by the manufacture could void the user authority which is granted by the Federal Communications Commission, to operate this product. In order to prevent damage to the monitor, do not lift the monitor by its base.

Operation conditions

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.

Notice: Canadian users

CAN ICES-3(B)/NMB-3(B)

Customer Safety Information

Disposal of waste equipment by user in private household in the European Union



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Information for your safety and comfort

◆ Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

◆ Special notes on LCD monitors

The following are normal with the LCD monitor and do not indicate a problem.

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the power switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has 99.99% or more effective pixels. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the power switch for a few hours.

◆ Cleaning your monitor

Please carefully follow these guidelines when cleaning the monitor:

- Always unplug the monitor before cleaning.
- Use a soft cloth to wipe the screen and cabinet front and sides.

◆ Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power from the equipment, be sure to unplug the power cord from the electrical outlet.

Note: Acer monitor is purposed for video and visual display of information obtained from electronic devices.

Customer Safety Information

◆ Safe listening

To protect your hearing, follow these instructions.

- Gradually increase the volume until you can hear it clearly and comfortably and without distortion.
- After setting the volume level, do not increase it after your ears have adjusted.
- Limit the amount of time listening to music at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

◆ Warnings

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporing, exercising, or any vibrating environment which will probably cause unexpected short current or damage internal devices.

◆ Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuserating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's power cord is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the power cord plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

Customer Safety Information



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Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



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Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, type SPT-2, rated 7 A 125 V minimum, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

◆ Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



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Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Customer Safety Information

◆Product servicing

Switch off your device in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, marked. They include below deck on boats chemical transfer or storage facilities, vehicles using liquefied petroleum or particles such as grain, dust or metal powders.

◆Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

◆IT Equipment recycling information

Acer is strongly committed to environmental protection and views recycling, in the form of salvaging and disposal of used equipment, as one of the company's top priorities in minimizing the burden placed on the environment.

We at Acer are very conscious of the environmental effects of our business and strive to identify and provide the best working procedures to reduce the environment impact of our products.

For more information and help when recycling, please go to this website:

<http://www.acer-group.com/public/Sustainability/sustainability01.htm>

Visit www.acer-group.com for further information on the features and benefits of our other products.

◆LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixel may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

This product has been shipped enabled for power management:

- Activate the Display Sleep mode within 5 minutes of user inactivity.
- Wake the monitor when it is in Active Off mode, move the mouse or press any keyboard key.
- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product

Customer Safety Information

◆ Tips and information for comfortable use

Computer user may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- pain, swelling or throbbing
- stiffness or tightness
- coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- stand up and walk around regularly to remove the strain on your leg muscles.

◆ Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.

Customer Safety Information

- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
 - placing your display in such a way that the side faces the window or any light source
 - minimizing room light by using drapes, shades or blinds
 - using a task light
 - changing the display's viewing angle
 - using a glare-reduction filter
 - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

◆ Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.

Precautions

- ◆ Do not attempt to disassemble/assemble this product as you may get exposed to dangerous voltage or other hazards. If necessary, please contact the maintenance personnel.
- ◆ If the product is dirty, first disconnect the power plug, then dampen the cloth with water and wipe with the slightly wet cloth. Do not apply force while wiping the display screen as it may scratch the screen. Do not wipe with such solvents as alcohol, gasoline, acid, alkali, detergent, volatile oil and diluents since these solvents may damage the product.
- ◆ Condensate may appear inside the screen in high humidity, and this is a normal phenomenon as generally temperature difference between the external and internal glass surfaces may lead to water droplets on the internal glass surface. Such water droplets will disappear automatically after 24h of normal use. Please rest assured to use the product.
- ◆ Do not insert any sharp or metal object into the vent or touch the signal connector with any sharp or metal object; otherwise short circuit or electric shock can be caused.
- ◆ Do not exert pressure on the LCD screen as it is made of glass.

Precautions

- ◆ Do not place the product on an unsteady trolley, shelf or table; otherwise it may turn over. Move the product carefully when it is on a trolley. Emergency stop, excessive force or uneven ground can result in tipping over of the trolley and the product.
- ◆ Openings on the product are designed for heat dissipation to ensure good performance. Vent holes should not be covered with objects such as newspaper, tablecloth and curtain as they may impede ventilation.
- ◆ Do not allow a still picture or an active picture containing stationary text or icon to remain on the screen for too long because this will leave a “ghost image” on the screen, and it will not disappear long after shutdown.

Product Features

This product uses HD LED-backlit panel, IR and multi-touch technologies. Equipped with a writing software, it is convenient, highly interactive, safe and environmentally friendly.

●High interconnectivity (optional)

This product can connect to other devices. It allows wireless connection with PCs, PADs and mobile phones, realizing wireless transmission of documents, wireless push of videos and wireless screen cast.

●Extraordinary Display

This product uses a high-quality HD LCD panel featuring original display color, vivid pictures, uniform display, no flickering, and quick response. You can enjoy HD pictures from different angles.

●Accurate Touch Control

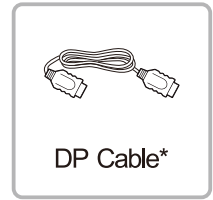
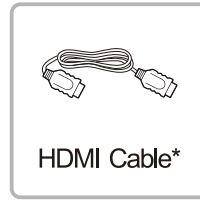
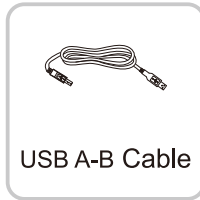
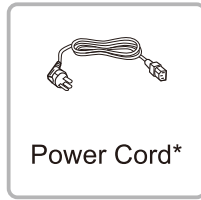
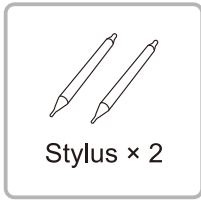
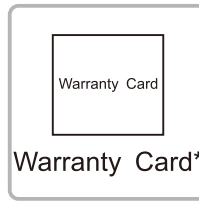
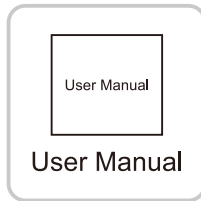
This product incorporates the advanced touch technology featuring quick response, high positioning accuracy, strong environmental adaptability, accurate operation, etc. No stylus is needed; you can operate with your hand by clicking, dragging and other actions.

●Highly Interactive

This product is preinstalled with a professional writing software. It provides multiple types of pens, drawing tools and other functions, and you can write and move the contents as you like.

輸入規格:100-240V~, 50/60Hz, 5.5A。海拔5000m以下, 操作溫度0-40度。

Accessories

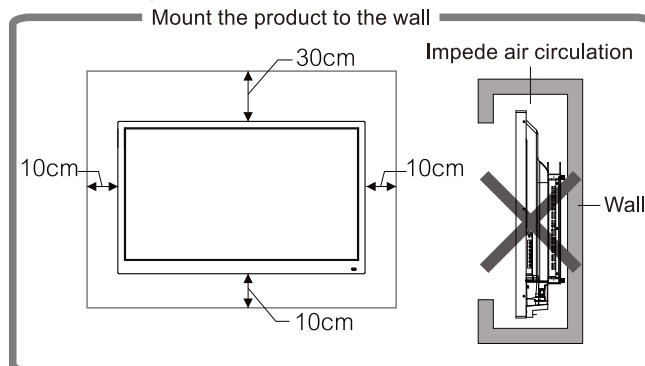


* Accessories according to regions or model and may differ from those illustrated above.

Wall Mount

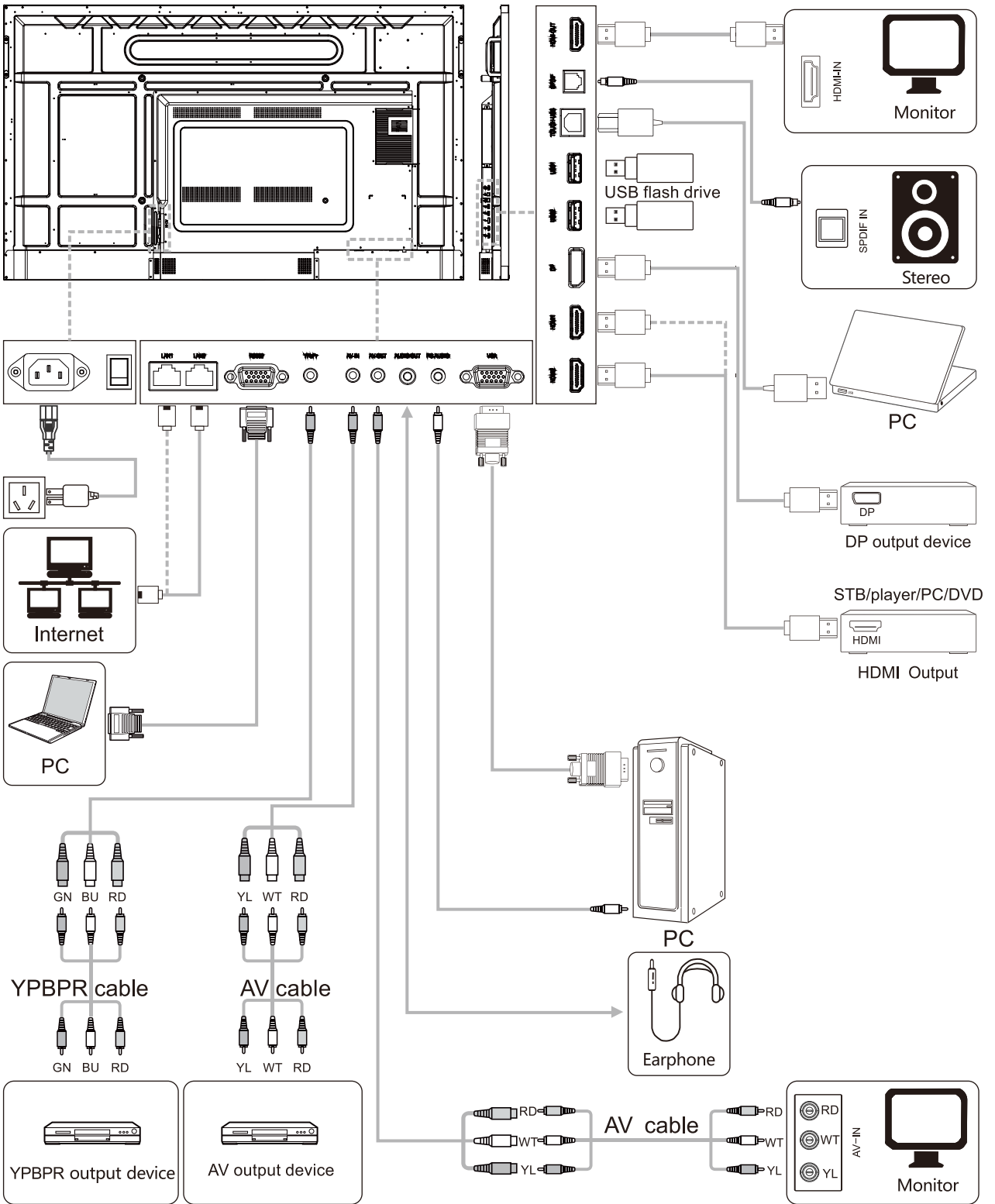
1. Precautions for Installation

- For installation of the wall-mount bracket, at least two professional workers are required; you should not attempt to install it, otherwise injury may result.
- During installation, assistance from professional workers is needed to designate the installation also, measures should be taken to make sure it can bear certain amount of external force. Make sure the bracket is installed onto a firm wall rather than plaster board or other surface which can not provide strong support.
- This product should be installed on a vertical plane, not on an oblique plane; also, it should not be installed with the front facing upwards; otherwise falloff of the product or personal injury may be caused.
- To avoid damage of the product or injury, keep the bracket out of the reach of children.
- Tighten the screws during installation to avoid product damage and injury.
- The installation is shown in the figure below; ventilation space should be kept around the product.



2. For specific installation steps, see the wall mount instructions.

Port Connection



Port Connection

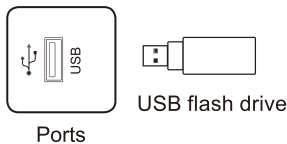
Note: The port connection instructions are provided below. The listed port types are for reference only, and do not cover all ports on this product.

■ Power port



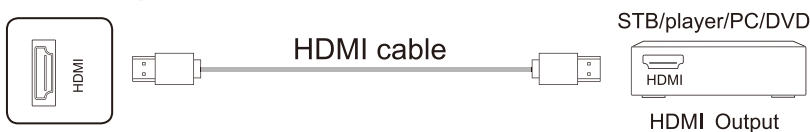
■ Signal input ports

● USB port



- ◆ Note: 1. The output current of USB2.0 port is 500mA, and that of USB3.0 port is 900mA. In order to ensure normal operation, please do not simultaneously use all USB ports to charge external devices.
- 2. Media USB port is used to connect external devices to the Android system of the product, which enables data reading via the file manager of this product. PC USB port is used to connect OPS equipment. PUBLIC-USB port serves as both Media USB port and PC USB port, and is automatically switchable with the signal source.
- 3. This product is connected with wireless keyboard and mouse. In case of stuck operation or slow response, change the wireless receiver to another USB port, or use the USB extension cable to connect the wireless receiver, thus to enlarge the reception range.
- 4. Some nonstandard USB devices may be unrecognizable, please use standard USB devices.
- 5. For upgrading software with a flash drive, please use a USB2.0 flash drive.

● HDMI-IN port



- ◆ Note: The maximum resolution supported by HDMI port is 4K@60HZ, please see the section of technical parameters for the detailed signal formats. When 4K@60HZ signals are played, the EDID version in the OSD menu should be switched to EDID2.0.

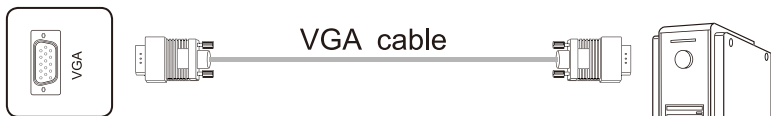
● TOUCH USB port



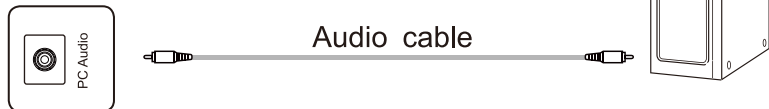
- ◆ Note: When the TOUCH USB port is connected to the same device with the signal source, the external device can be operated by the TOUCH function.

Port Connection

●VGA audio/video port

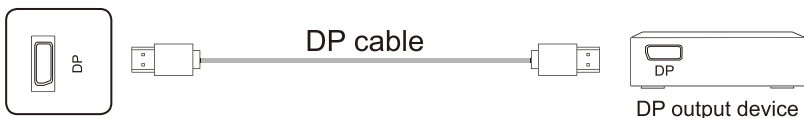


●PC audio port



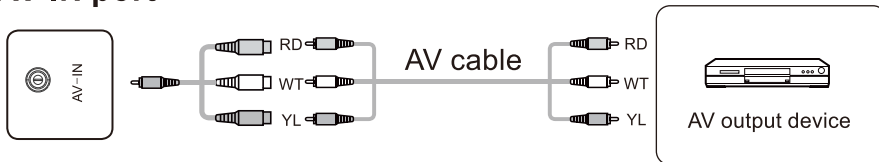
◆Note: For signal formats supported by the VGA port, see the Technical Parameters.

●DP port



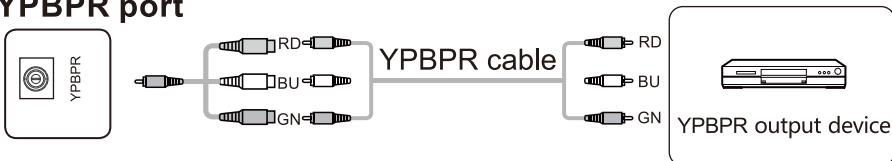
◆Note: the maximum resolution supported by DP port is 4K@60HZ. The signal quality depends on length and quality of the DP cable, so please use the recommended cables or those of famous brands on market.

●AV-IN port



◆Note: the type of AV-IN port is Φ 3.5mm MINI port. For connecting signals, a MINI adapter cable or a MINI adapter and an AV cable are required and connected as indicated by the figure.

●YPBPR port



◆Note: the type of YPBPR port is Φ 3.5mm MINI port. For connecting signals, a MINI adapter cable and a YPBPR cable are required.

■網路接口

●LAN接口

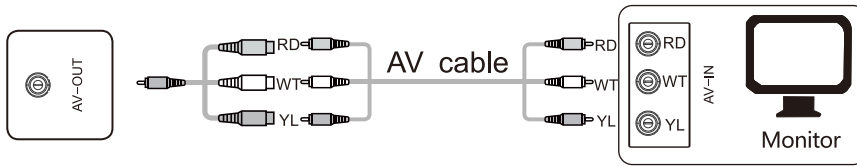


- 注意：1.請您在安裝或拆裝本機時先拔下電源插頭；
2.請使用網路線連接至網際網路；
3.LAN：10/100 Mbps.

Port Connection

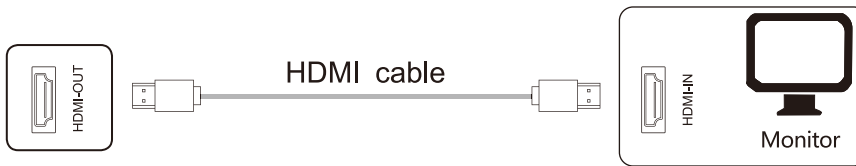
■ Signal output ports

● AV-OUT port



◆Note: the type of AV-OUT port is $\Phi 3.5\text{mm}$ MINI port. For outputting signals, a MINI adapter cable and an AV cable are required; for connecting signals, a MINI adapter is required and connected as indicated by the figure.

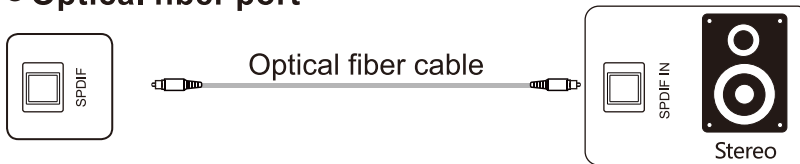
● HDMI-OUT port



◆Note: the HDMI-OUT port can output Audio&Video signals to the HDMI-IN port of the second product, thesecond product can replay the Audio&Video signals to the third product, so on and so forth. The maximum relaying amount depends on quality and length of the HDMI cable, so it suggests using the cables provided by us.

■ Audio ports

● Optical fiber port



◆Note: this port can output audio signals of this product to speakers with a SPDIF-IN port.

● Audio-OUT port



◆Note: Audio-OUT port can be connected with a headset or an external speaker.

■ Control ports

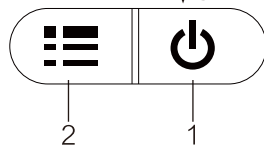
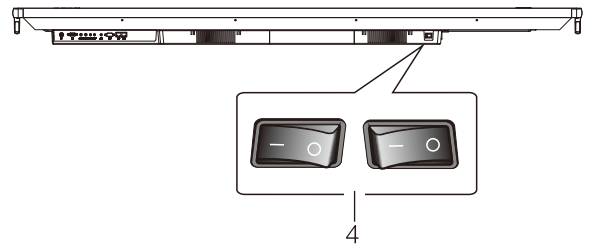
● RS232 port



◆Note: RS232-IN port is connected to the PC; the product is operated via the PC.

Instruction of Panel Buttons

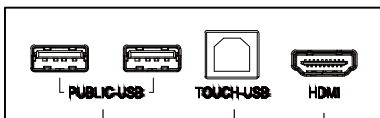
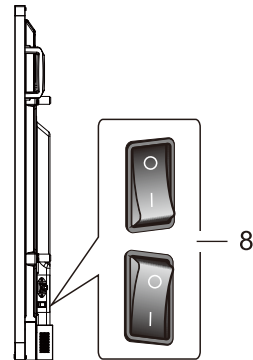
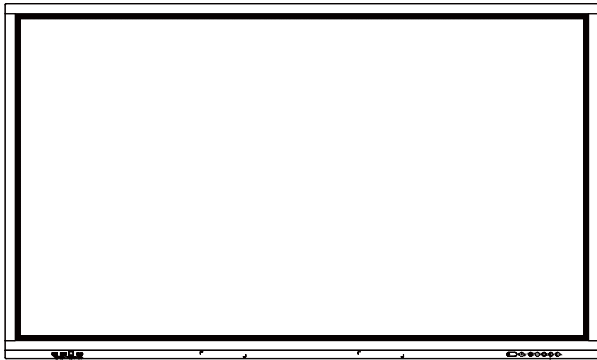
Model One



1. ⏻ Power/standby button;
2. ☰ ON/OFF gesture button;
3. Indicator light, remote control receiver and light sensing receiver;
4. Ⓜ Power switch (“I” end is on, “O” end is off. This switch is optional and subject to practical product)

Remark: The appearance slightly vary with the model, and is subject to the actual product.

Model two



1. Indicator light, remote control receiver and light sensing receiver;
2. ⏻ :Power;
3. 🏠 : Homepage
4. ⏪ : Return and touch unlock;
5. ⚙️ : Setting;
6. 🔊 :Vol-;
7. 🔊 : Vol+;
8. Switch;
9. PUBLIC-USB ports;
10. TOUCH-USB port;
11. HDMI port.

Remote Control

Precautions for Use of Remote Control:

- Aim the remote control at the remote receiver when using the remote control. Any object placed between the remote control and the remote receiver may disturb the operation.
- Protect the remote control from vibration. Do not expose the remote control to direct sunlight as heat may deform it.
- When the remote receiver is subject to direct sunlight or strong light, the remote control may malfunction. In such case, please change the angle of lighting or the product, or operate the remote control close to the remote receiver.
- Replace the batteries in case of low battery as it will reduce the range of the remote control. If the remote control is to be left unused for a long period of time or the batteries are depleted, please remove the batteries as battery leakage may damage the remote control.
- Do not use batteries of different types or mix a new battery with a used one. Always replace batteries in pair.
- Do not throw batteries into a fire or recharge or disassemble batteries. Do not recharge, short-circuit, disassemble/assemble, heat or burn any used batteries. Please dispose of waste batteries according to applicable environmental regulations. Do not expose batteries to any hot environment, like direct sunlight, over the fire.

Keys on the Remote Control

Type A Remote Control



KEY	Function
POWER (⏻)	Switch between power-on and standby states
SOURCE (📶)	Open / close the signal source list
NAVIGATION KEYS (⏪ ⏩ ⏴ ⏵)	Select or adjust menu options
OK (OK)	Confirm the operation
MEUN (☰)	Show/hide the main menu
HOME (🏠)	Display the Android home page
BACK (⏪)	Return to the previous interface
OPS	Switch to OPS source
WRITING PAGE (✉)	Switch to the writing page
SNAPSHOT (📷)	Take a screenshot
VOL- (—)	Decrease the volume
MUTE (🔇)	Enable/disable sound
VOL+ (+)	Increase the volume

- 1.The picture is for reference only, subject to the actual remote control.
- 2.Functions of keys on the remote control may vary, subject to actual functions.

Basic Operations

Startup/Shutdown

◆Startup/shutdown

Use 100-240V AC as the power supply.

ⓘ on the panel and the remote control can be used to switch between power-on and standby states. ⓘ on the rear panel has two ends. Press the O end to power off the product; press the I end to power it on.

◆Auto standby

In the Android main interface, whether there is signal input or not, the product will not enter the standby mode.

In the non-Android main interface, if there is no signal input within 15min, the product will automatically enter the standby mode.

◆Save before shutdown

Before shutdown, the product will save the picture and sound settings. Upon restart, these settings will be used.

◆OPS ON/OFF

If the product is installed with the OPS module and it is in OPS signal source, the OPS module will start automatically. If not, start it manually.

Before turning off the product, first use the touch function or mouse to turn off the OPS module from the Start menu. The Standby key on the panel or remote control can be used to turn off the product only after the OPS module completely shuts down. It is not allowed to press the Standby key or directly disconnect the power supply without turning off the OPS module as it will damage the OPS module.

When the OPS module enters the OFF state and no operation is performed on the PC for a long period of time, this product will enter standby. To use the module, just restart the product.

Note: The OPS module is optional.

Sidebar Setting

Press the sidebar shortcut key arrow, or slide the edge of the screen inwards (when turn off the touch signal switch) to tune out the sidebar menu that are respectively system setting, signal source/menu setting, small tools, progress management, switch to Android homepage, return and comments.

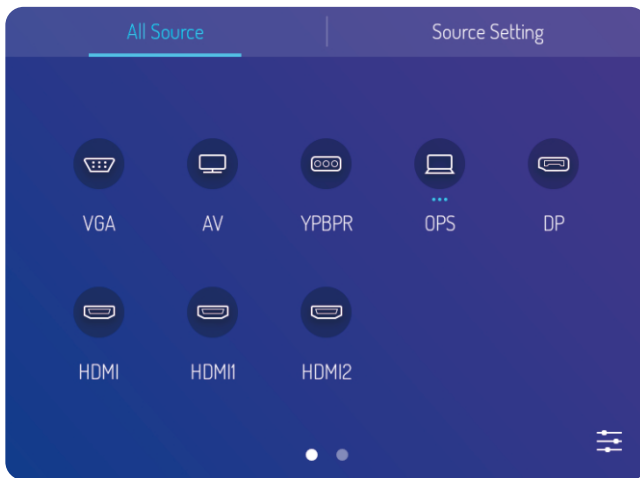
Signal Source Switching

You can use the remote control or touch function to switch the source by the following methods:

Method one: press the “Signal Source” key on the remote controller to call “Signal Source Menu”, press the cursor key on the remote control to select a signal source, press the “OK” key, and then the product will switch to the input signal source that you selected.

Basic Operations

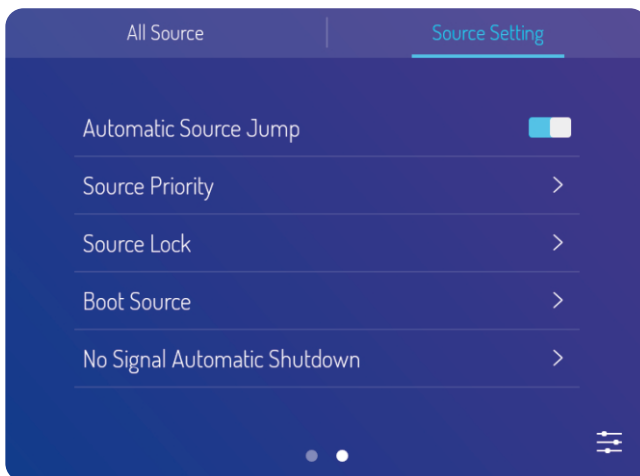
Method two: selected the side bar menu > Signal Source Settings, select signal source, and then the product will switch to the input signal source you select.



Remark: the picture is for reference only, subject to the actual signal source menu.

Signal Source Setting

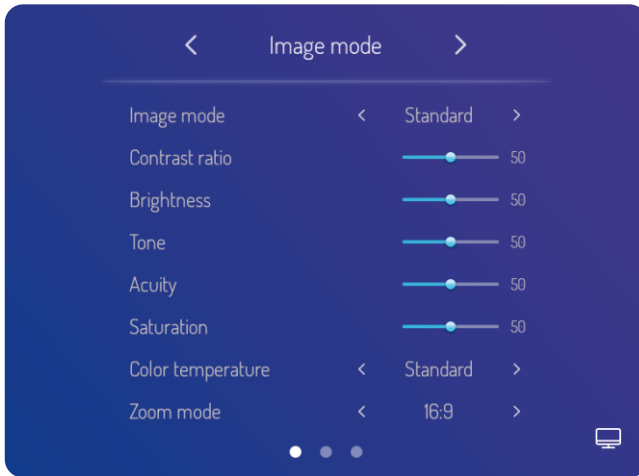
Upon the signal source menu, select the right one and enter the signal source setting submenu, it can set the signal source auto-switching, signal source lock, power-on signal source and auto-poweroff without signal.



Basic Operations

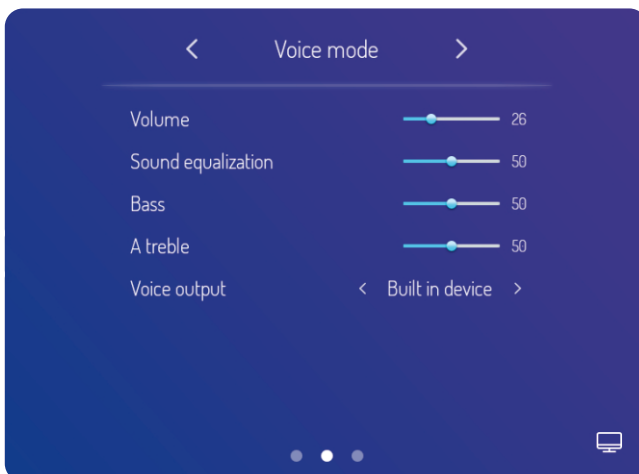
Image Mode

Select sidebar menu, press setting icon to enter signal source setting menu, then press the menu icon on the bottom right corner of signal source setting page to enter menu page, it can adjust the image mode, cool and warm tones and scaling patterns as well when move to image mode suboption.



Voice Mode

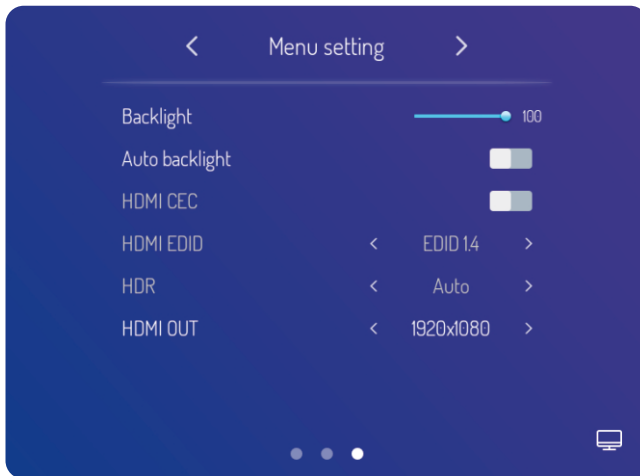
Select sidebar menu, press setting icon to enter signal source setting menu, then press the menu icon on the bottom right corner of signal source setting page to enter menu page, it can adjust the volume, equilibrium, bass and treble setting, sound output device setting and so on when move to voice mode suboption.



Basic Operations

Menu Setting

Select sidebar menu, press setting icon to enter signal source setting menu, then press the menu icon on the bottom right corner of signal source setting page to enter menu page, it can adjust the back light, auto-backlight, EDID version, HDR, HDMI output resolution setting etc., when move to menu setting suboption.



Network Settings

Select sidebar menu, press the setting icon and then enter systems setting page where it can conduct wireless network, wired network, wireless hot spot setting.

◆Wireless Network (optional)

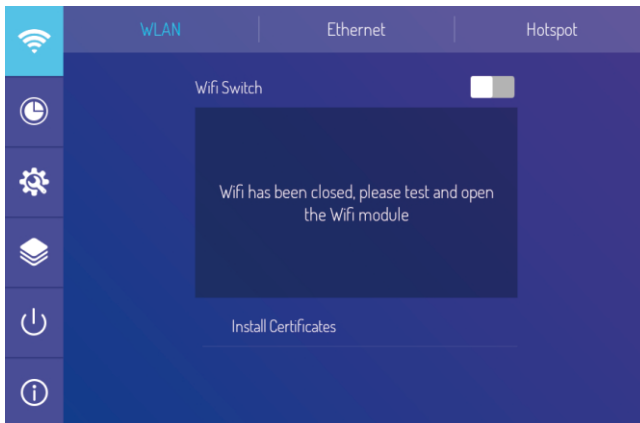
1. Select sidebar menu > System Settings > Wireless Network.
2. Turn on WLAN switch.
3. Select the network to be connected from Network List, enter the connecting password, and then success to connect the wireless network.
4. If there is no desired network in Network List, it can manually add a network.

◆Wired Network

1. Connect one end of the network cable to the network port of this machine before using wired network, and then connect the other end to a router.
2. Select sidebar menu > System Settings > Wired Network.
3. Turn on connecting switch.
4. Select "DHCP" in IP settings, and then the machine will automatically obtain an IP address and connect to network.
5. Select "Static" in IP settings, manually input IP address, gateway, network prefix length, DNS address, and then click "Finish" to connect to network.

Basic Operations

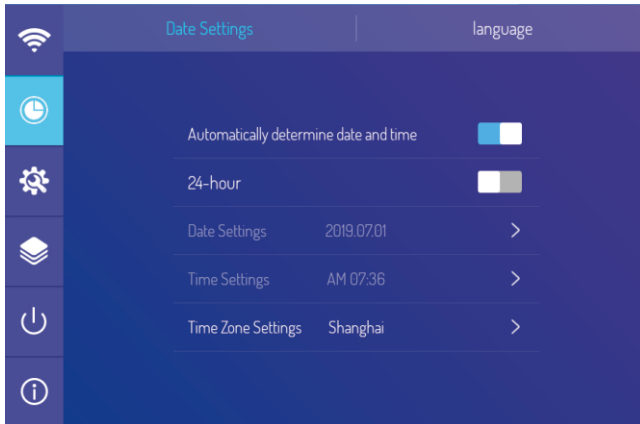
- ★Remark: there are two network ports on this machine, either of which can be connected to wired network (choose one of them). When one network port is connected with a router, the other port can be connected with an external device. At this time, the Android system of this machine, OPS (Windows system only) and the external device form a LAN, which can be connected to network at the same time.
- ◆Wireless Hot Spot(optional)
 - 1 .Select sidebar Menu > System Settings > Wireless Hot Spot.
 - 2.Turn on hot spot switch.
 - 3.Enter the hot spot name in the textbox, and the system defaulted name is “Android AP—7654” which is changeable into other name.
 - 4.Select encryption type. In case of opening network, no password is required, but any device that finds this network can connect to the WIFI network of this machine. In case of WPA PSK/WPA2 PSK encryption, a protective password over 8 digits shall be entered, and the correct password is required for other device that finds this network to connect to network.
 - 5.After encryption is selected, the system will automatically configure a password or it can also enter a password in the password box.
 - 6.Click “OK” to save setting, and then this network can be found by other WIFI devices within the range when they search WIFI networks.
- ★Note: please set the network password and complicate it as much as possible.



Date and Language Setting

Select sidebar menu, press setting icon and enter system setting page, it can automatically synchronize and update the time from the network automatically, 24 hour setting as well as date, time, zoom, input method, system language setting etc. when move down to system setting and applications page.

Basic Operations

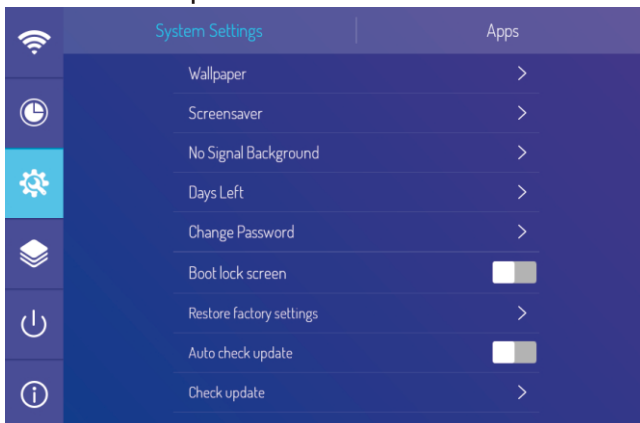


System Setting and Applications

Select sidebar menu, press setting icon and enter system setting page, it can set wallpaper, screensaver, no Signal Background, days Left, change Password, boot lock screen, restore factory settings, auto check update, check update, etc. when move down to system setting and applications page.

Remark:

- 1.The option of wallpaper and screen lock background images can be PNG, JPEG form, and suggested resolution are 1920*1080 and 3840*2160, In order to make sure the successful import and smoothly running of the system, please do not select overlarge document.
- 2.The initial password is 888888. Please keep in mind of the modified passwords if you want to change it. If the password is forgotten, please contact after-sale personnel for super password and reset the password.
- 3.Please do not arbitrarily restore factory settings. When encountered malfunction, please conduct the operation of factory data resetting under the guide of after-sales personnel.



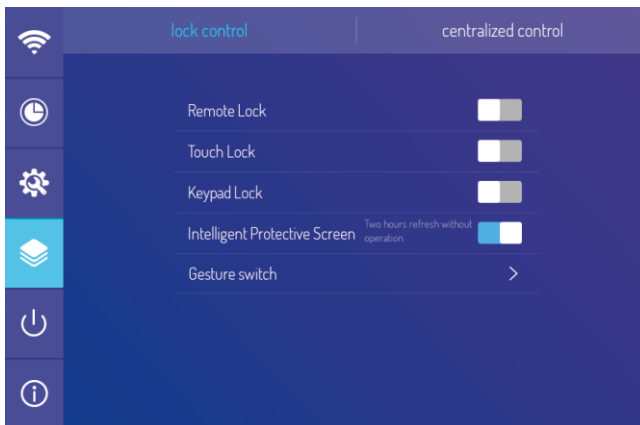
Basic Operations

Control Lock and Centralized Control Setting

Select sidebar menu, press the setting icon and enter system setting page, it can set remote lock, touch lock, keypad lock, intelligent protective screen, gesture switch etc.

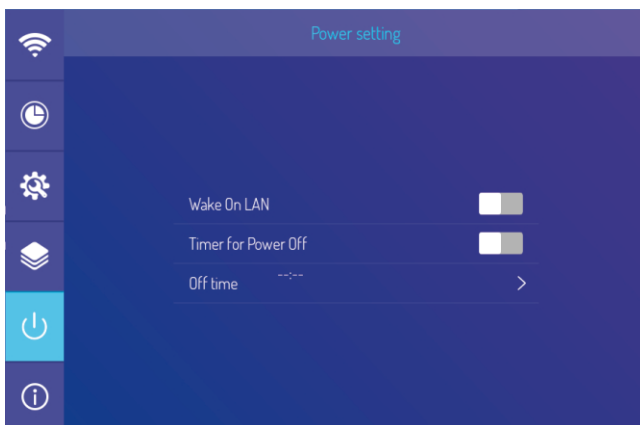
Remark:

- 1.Touch lock can only be removed via the return key of remote control and keyboard plate.
- 2.The function of Smart Screen Refreshing is to prevent image retention due to static frame displayed for a long time which may causes electric burning injury to LCD.
- 3.Gesture switch can set gesture to switch to sidebar menu(slide from the side of screen to the central), bottom-bar menu(slide upwards from bottom left of the screen), and floating ball menu(tune-out with three-finger touch).



Power On/off Setting

Select sidebar menu, press setting icon and enter system setting page, it can set wake on LAN, timer for power off, off time and so on when move down to power on/off setting.



Basic Operations

Comments

Select sidebar menu, press comments icon, then it can annotate the page and conduct relevant operation.

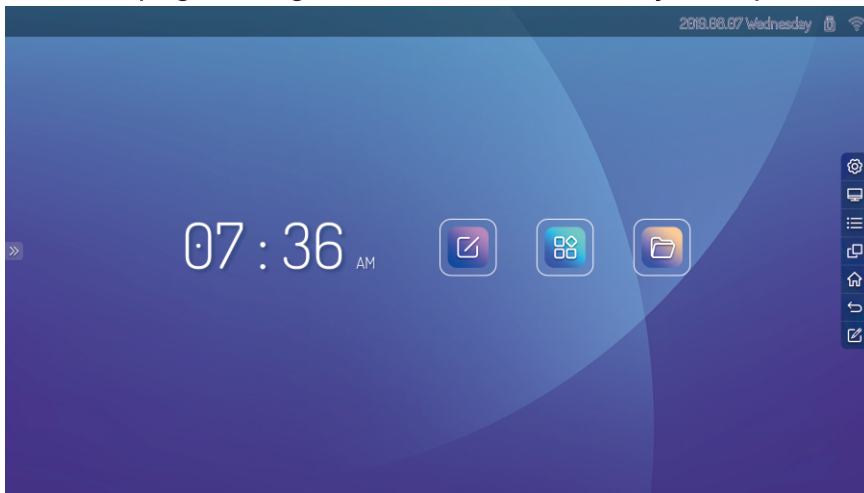
(Note: The homepage background and icons are subject to practical products.)



Android Homepage

There are time, date, flash drive information, network information, hot spot information and shortcuts for whiteboard and file manager on the home page. All apps include system apps and third party apps.

(Note: The homepage background and icons are subject to practical products.)



★ Special tips

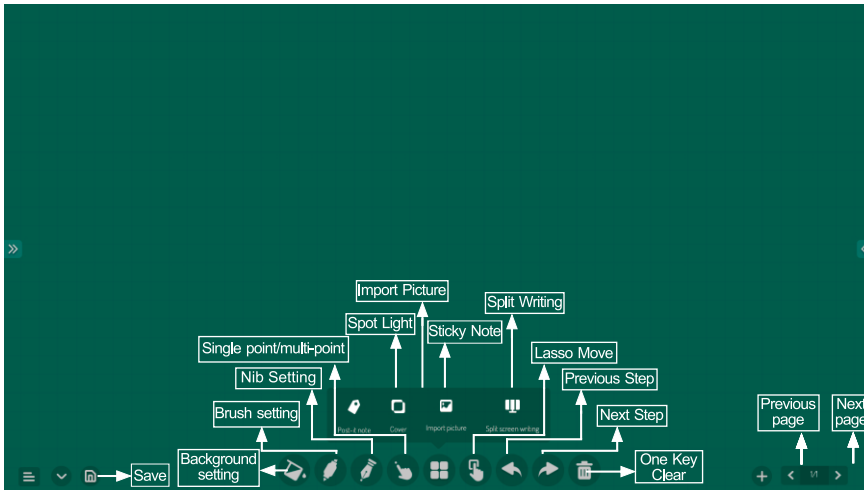
User can install new application and the operations may vary. The operation methods detailed in this Manual are for reference only. User shall operate the machine according to the actual situation.

Basic Operations

Writing Software

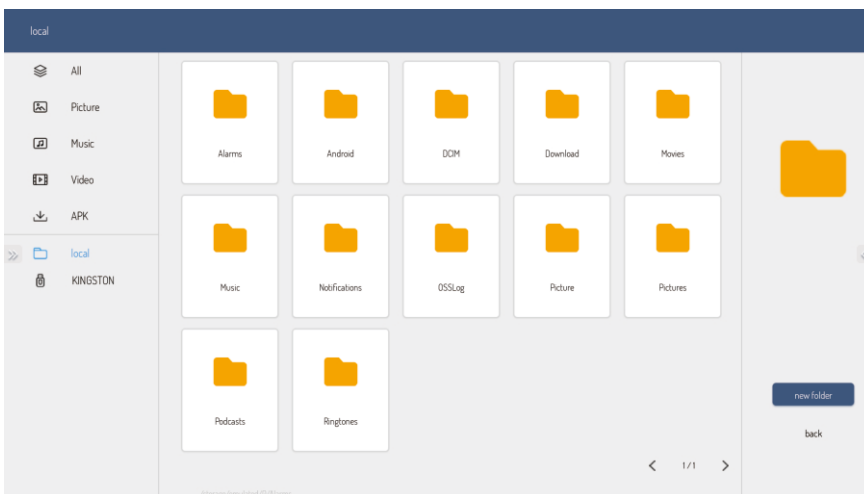
The electronic whiteboard writing software contains selection, background setting, brush setting, undo, restore, text, clear screen, save, import picture, spot light and split screen and other functions.

(Note: The writing software function will be updated in real time are subject to practical products.)



Documents Manager

The document manager supports the playing of images, videos, audio, etc. Long pressing can move, copy, delete selected document.

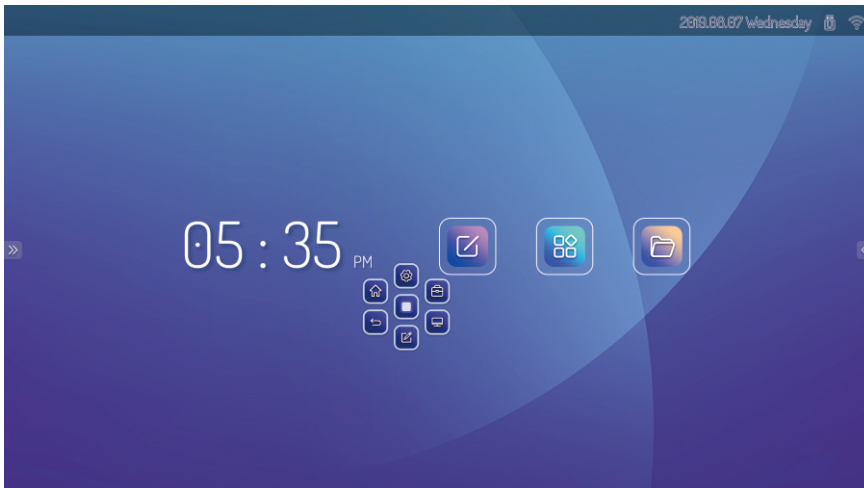
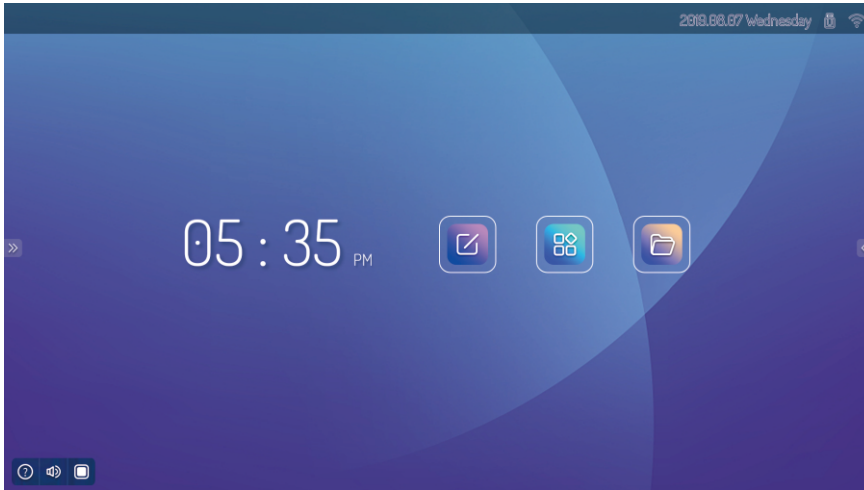


Basic Operations

Quick Operation

Two fingers are placed in the middle of the screen to call up the Popup loop menu. Swiped up along the edge of the bottom left corner of the screen, it will come out Help and Popup loop quick menu. Click the help icon to view the operation guide and click on the Popup loop for quick shortcuts.

(Note: The homepage background and icons are subject to practical products.)



Basic Operations

OPS Install Direction

1. Take out the OPS from package and insert it to the OPS slot on the back of the IFP. Make sure the IFP is power off before inserting the OPS.
2. Tighten the two fixing screws on the OPS to ensure that the OPS will not get loose when operating.
3. Take out the two pieces of OPS antenna in the box, insert them into the antenna fixing hole on the OPS, and rotate and tighten them.
4. Power on the IFP and switch to OPS source.

RS232 Command Usage

1. Prepare a piece of RS232 cable.
2. Connect the IFP and your PC with the cable.
3. Open the debugging software. Set the baud rate to be 38422bps, data bit 8bits, stop bit 1bits. Click connect and enter RS232 commands for testing.

Technical Parameters

Mode Display VGA

NO.	Mode	Resolution	Refresh Rate
1	VGA	640X480	60Hz
2	SVGA	800X600	60Hz
3	XGA	1024X768	60Hz
4	WXGA	1360X768	60Hz
5	WUXGA	1920X1080	60Hz

Mode Display HDMI

NO.	Mode	Resolution	Refresh Rate
1	SD	720X480	70Hz
2		720X576	50Hz
3		1280X720	50Hz
4		1280X720	60Hz
5	HD	1920X1080	50Hz
6		1920X1080	60Hz
7	UD	3840X2160	30Hz
8		3840X2160	60Hz

Technical Parameters

Mode Display YPBPR

NO.	Mode	Resolution	Refresh Rate
1	SD	480i	60Hz
2		576i	50Hz
3		480p	60Hz
4		576p	60Hz
5		720p	50Hz
6		720p	60Hz
7	HD	1080i	50Hz
8		1080i	60Hz
9		1080p	50Hz
10		1080p	60Hz

Mode Display DP

NO.	Mode	Resolution	Refresh Rate
1	SD	720X480	70Hz
2		720X576	50Hz
3		1280X720	50Hz
4		1280X720	60Hz
5	HD	1920X1080	50Hz
6		1920X1080	60Hz
7	UD	3840X2160	30Hz
8		3840X2160	60Hz

Caution: Disconnect the power plug before installing or removing the product!

Caution: ①LAN(10/100M)Connects to a network using the Ethernet cable.

②Disconnect the power plug before installing or removing the product!

100-240V~, 50/60Hz, 5.5A

海拔5000m以下, 操作溫度0-40度

Troubleshooting

Special Tips:

Please check the following table to see if it can help to find out the reason for the malfunction encountered before performing maintenance. When it still cannot remove the fault according to the operation of this instruction book completely, please contact the service center to conduct product maintenance.

Symptom	Possible Cause	Solution
The screen does not display anything; there is no sound, and the indicator does not come on	Looseness of power plug, power connection failure	Check if the power cord is properly connected
Pictures shown on the product have dotted line or stripe interference	Signal interference caused by automobile, neon light, electric hairdryer, etc.	Try to find out the machine that affect the product, and then put them away from the product, or insert the power plug to another socket.
Pictures shown on the PC are offset, do not cover the entire screen, go beyond the screen, or are blurred	1.Improper adjustment 2.Wrong display mode	1.Use the auto adjustment function 2.Enter "PC Screen Adjustment" to adjust the horizontal or vertical position 3.Use the recommended mode
Short remote control distance, malfunction of remote control	1.The remote receiver of the product is blocked by some other object 2.Battery level of the remote control is low	1.Move the object to avoid blocking the remote receiver 2.Replace the battery
The product gets stuck, crashes or cannot be operated	1.Too many programs are running 2.Normal operation of the product is disturbed by external environment (e.g., lightning, static electricity)	Disconnect the product from power supply; wait for 1-2min and reconnect power supply; then restart the product
The touch is slow, it doesn't work	Too many programs are running	Clean up a program that runs memory large or restart the product
OPS can't be turned on, no display, no touch	OPS has not been fixed well	Reinstall the OPS computer
Touch excursion	Caused by the computer's coordinate system, need to do some correction.	Enter the control panel to select the correction processing
Invalid touch of the external computer	1.the signal source is inconsistent with the corresponding interface of the touch USB cable 2.the touch USB cable is too long or of low quality	1.Check and change the corresponding interface of the touch USB cable, 2.Change another shorter or better quality touch USB cable.

Important Statement on Network Service

All contents and services obtained from the machine are owned by third parties and protected by copyright, patent, trademark and/or other intellectual property laws. These contents and services are only for your personal non-commercial purposes, which shall not be used in a way not authorized by the content owner or service provider. Under no circumstance shall our Company be liable for any direct, indirect or unexpected losses or damages arising from your or any third party's access to any contents or services or any information or third-party software through this product.

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限用物質及其化學符號

設備名稱：液晶顯示器，型號：DT653K/DT753K/DT863K

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr ⁺⁶)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
顯示屏	—	○	○	○	○	○
外殼	○	○	○	○	○	○
電路板組件*	—	○	○	○	○	○
電源線及連接線	—	○	○	○	○	○
金屬件	○	○	○	○	○	○
包裝材料*	○	○	○	○	○	○
遙控器	—	○	○	○	○	○
附件*	○	○	○	○	○	○

備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。

Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. “—”係指該項限用物質為排除項目。

Note 3: The "—" indicates that the restricted substance corresponds to the exemption.

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

1. 警語：使用過度恐傷害視力。

2. 注意事項：

(1) 使用 30 分鐘請休息 10 分鐘。

(2) 未滿 2 歲幼兒不看螢幕，2 歲以上每天看螢幕不要超過 1 小時。

This Manual is provided for reference only. The functions of the actual product are subject to change without further notice.