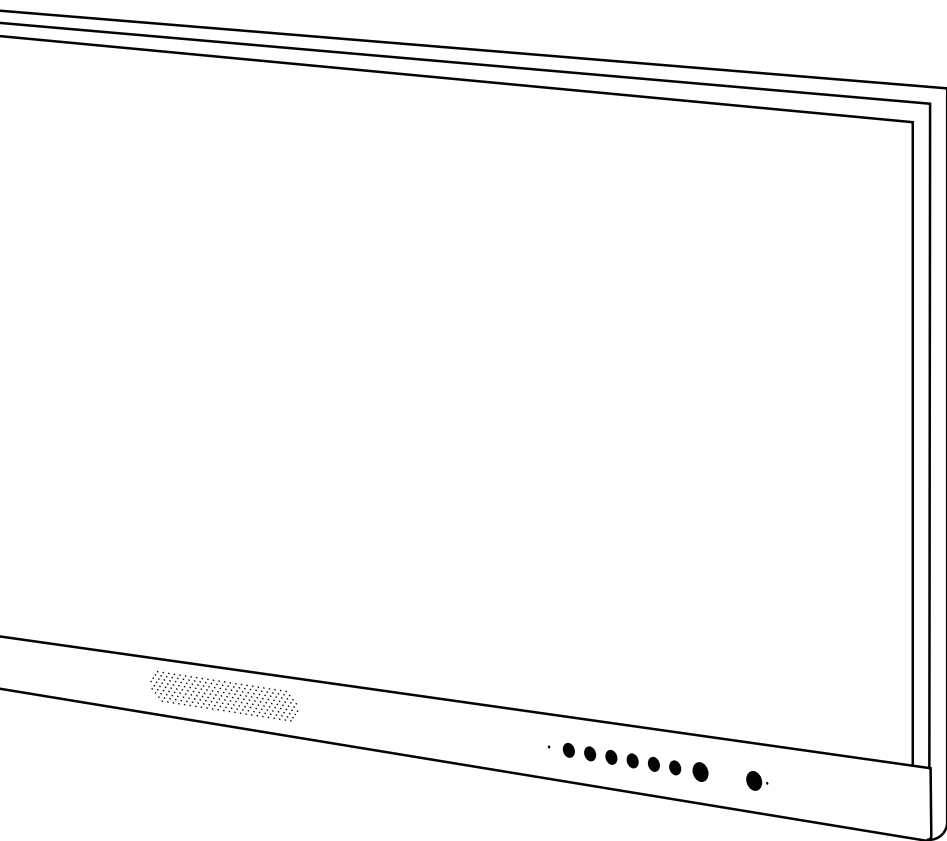




ALL-IN-ONE TOUCH SCREEN

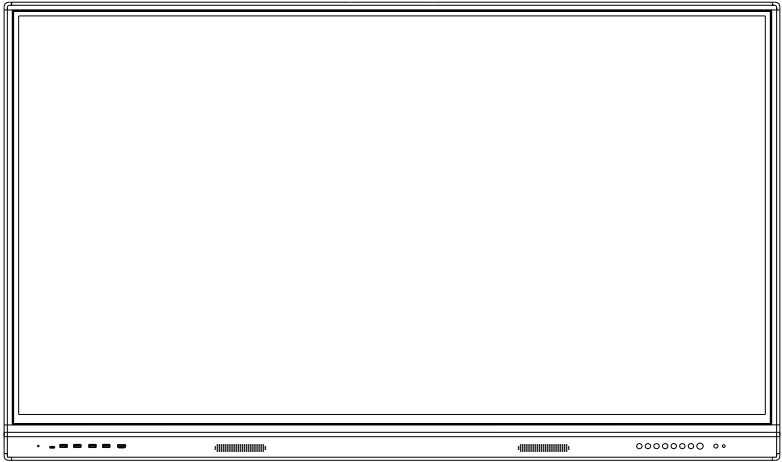
USER'S MANUAL

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I. Outline Drawing

(For illustrative purposes only and may differ from the actual product)

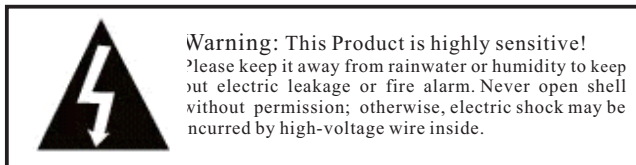


II. Brief Introduction to External Labels

Warning



Please assemble, use and maintain this Product in strict accordance with regulations below to keep safety since electric shock or fire hazard may be incurred by improper operations, even if we have attached much attention to personal safety in design and manufacturing stage. Please carefully read the safety instructions below before using it.





This mark reminds users to correctly use this Product in accordance with the User's Manual to keep safety.

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in installation. This equipment generates, uses, and can radiate radio frequency energy. If this equipment is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. If this equipment does cause harmful interference to radio or television reception, the user is encouraged to try to correct the interference by taking the following measures:

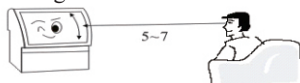
- Increase separation between this Product and wireless communication product.
- Reorient or relocate the receiving antenna for wireless communication product.
- Connect this Product and wireless communication product to a different circuit.
- Consult your local dealer for technical advisory.

To ensure continued compliance with FCC, please shield the video wiring using the attached earthing power wire and cladding ferrite core. However, the user, if transforming this Product without written permission by relevant agencies, shall be deprived of the authority of operating this Product.

III. Notice for Users

1. Recommended distance for comfort viewing

The best distance for viewing shall be 5-7 times of that of screen height.



2. Height & angle

Appropriate viewing height and angle can help get you rid of an easy fatigue.



3. Volume

Please keep proper volume to keep out interference to others (at night, in particular).

4. Ambient brightness

Your eyes may suffer from an easy fatigue in case of direct sunlight to screen, excessive brightness or darkness of room, intense darkness without light around, or fluorescent screen has reflected light. So, please keep soft and indirect lighting, instead of direct sunlight on screen. The brightness sufficient for reading newspaper shall be the best.

5. Adequate rest

It is highly recommended that you take a periodic rest, even if this Product has neither blink nor harm from radiation by using LED technique.

6. Operation of remote controller

Never cover receiving window of remote controller or expose it to strong sunlight to keep good receiving sensitivity.

7. Notices for dry cells of remote controller

The service life of dry cells is around 1 year (depending on your frequency of use). In case remote controller is faced with short operation distance and low flexibility, please replace both old cells of it.

Note: mixed use of new and old cells, or dry cells of different types is not allowed; otherwise, the remote controller can be damaged by liquid leakage. Please take out dry cells of a remote controller to be long idled. In case liquid leakage occurred, please firstly clean up the liquid in cell box before installing the new cells.

8. Way of handling

➤ Please firstly uplift this Product before handling.

➤ Make sure this Product is handled by at least two persons to keep its stability and protect shell.

➤ Do not scratch the screen during the handling.

9. Condensation

If this Product is moved from cold to warm place quickly, or from room with electric heater to other places, this Product may have puzzled interface, failed color display at certain images, or uneven color, all of which are caused by condensation in machine. The image can be recovered after volatilization of steam.

IV. Safety Notice - Warning

4.1 Immediately shut off the power supply and unplug the socket in case of any smoke, and consult the dealer at once. Fire hazard or electric shock may occur if continuing using it.



4.2 If screen has no output of image or audio, please immediately power off this Product and unplug the power socket. If such fault occurs suddenly at normal state, please do not keep using this Product, but consult the dealer.



4.3 If this Product falls onto ground accidentally or shell is damaged, please immediately power off this Product and unplug the power socket. Please do not keep using this Product, but consult the dealer, to keep out fire hazard or electric shock.



4.4 Never plug in/out the power socket by wet hands to keep out electric shock.



4.5 Keep power socket free from accumulated dust to avoid degrading insulation performance of plug. Please regularly clean the dust to keep out a fire hazard.



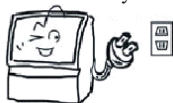
4.6 Do not maintain, transform or disassemble this Product without permission; otherwise, electric shock, fire hazard or damage of internal parts may occur since this Product contains high-voltage and fragile articles. For details of maintenance, please refer to the Letter of Guarantee and consult the dealer.



4.7 Keep this Product free from long contact with rubber to protect this Product against shell metamorphism or coating peeling.



4.8 This Product is applicable to 220VAC power socket only. Never use this Product out of rated voltage (220VAC); otherwise, fire hazard or electric shock may occur.



4.9 In case of thunder or lightning, please do not touch antenna or power wire, but immediately unplug the power socket, so as to keep out electric shock.



4.10 Never place this Product in places with high temperature or direct sunlight to keep out abnormal temperature rise and fire hazard.



4.11 It is strongly recommended that you share wall-mounted plug to extension wire and other power consumption goods and, if it is inevitable, please check if its rated voltage is sufficient; otherwise, a fire hazard may occur if extension wire has excessive load.

4.12 Never place vase, flowerpot, glassware, cosmetic, chemical containers, liquid or small metal object on this Product to keep out fire hazard or electric shock if liquid or small object falls into it, and if it occurs, please immediately power off this Product and unplug the power socket, and consult the dealer.



4.13 Please well protect this Product against foreign matters to prevent fire hazard or electric shock. However, if foreign matters are found in it, please immediately power off this Product and unplug the power socket, and consult the dealer. Much attention shall be attached to preventing children from putting foreign matters in this Product.



4.14 Never expose this Product to oil, smoke and vapor, or near heater or dusty place to avoid degrading the image quality, fire hazard or electric shock.



V. Safety Notice - Caution

5.1 Never block the ventilation hole of this Product, put screen face upwards, laterally or invert it. Never put this Product in poorly ventilated place, such as closet or bookshelf. The distance between machine and wall should be over 15cm. Never put this Product on carpet or flammable staffs, or cover it using curtain or tablecloth to keep out a fire hazard.



5.2 This Product shall be installed in stable place with good ventilation.

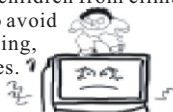


5.3 Never put heavy objects on this Product to prevent unstable center of gravity, inverting this Product or hazards by falling of heavy objects.



5.4 This Product shall be handled by at least two persons. It is needed to unplug the power wire plug, remove antenna and other devices before handling. It shall be handled with caution to avoid impact or screen damage.

5.5 Never stand or sit on this Product. For family with children, much attention shall be attached to preventing children from climbing or playing the TV to avoid displacement, overturning, damage or other injuries.



5.6 Never disassemble the rear cover, shell panel or any other cover to avoid electric shock due to high-voltage parts inside. Please consult the dealer for any adjustment or maintenance.



5.7 Never put this Product or power wire near the heater to keep out a fire hazard, since the surface of shell or power wire may have deformation and melting if being heated.



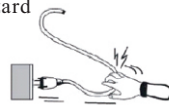
5.8 Please firstly unplug the power plug of motor before cleaning or maintenance; otherwise, an electric shock may occur. Please clean the screen using soft clothes to avoid scratching it (see maintenance chapter).



5.9 Never cut, twist, bundle, transform or bend the conduct, or pull it with much force during operation, or put anything heavy on power wire; otherwise, fire hazard and electric shock may occur due to damage of power wire. If power wire is damaged, please consult the dealer.



5.10 While unplugging the power plug, make sure to grasp the plug, instead of pulling the power wire, since it may damage the power wire and cause a fire hazard or electric shock.



5.11 Never place this Product in a shocking, tilted or unstable place; otherwise, this Product may be falling or overturned and thus leading to an injury or damage.



5.12 If this Product is to be long idled if you are in travelling or business trip, please unplug the power plug to keep out a fire hazard due to degraded insulation performance of power wire.



VI. Introduction to Product Operation and Maintenance

1. Daily maintenance of touch screen

- 1) Gently wipe off the dust on surface using buckskin or high-grade glass cloth.
- 2) Fingerprint on touch screen of AIO shall be cleaned using specific detergent for LCD electronic whiteboard screen. While cleaning this Product using detergent, please wipe it from the center to the surroundings until the detergent is fully cleaned.
- 3) In no way should water flow into the interface between electric whiteboard screen and framework to avoid burning the display due to short circuit.
- 4) Never wipe the electric whiteboard screen using hard towel to avoid affecting the display effects due to fluffing.
- 5) Stubborn oil dirt may be removed by pasting transparent tape on screen and then removing it.

2. Daily maintenance of display :

1) It is needed to turn off the display or reduce the brightness if it is idled; otherwise, the display may be burnt due to burning or aging of internal parts after longterm operation. Besides, certain LCD pixel may be overheated and further lead to internal burning if the LCD has longterm and continuous display of certain content. Therefore, it is needed to turn off the LCD screen or screen saver if it is idled, or display all white contents of electric whiteboard screen.

2) Unnecessary vibration shall be prevented: spare parts of LCD are highly sensitive and accurate and screen may be damaged due to strong vibration.

3. Introduction to daily operation:

1) Maintain humidity of environment at a certain degree.

2) Its needed to start, stop and operate this Product correctly in order to protect data and prolong the service life of it.

3) It is needed to start/stop this Product in strict accordance with the sequence; firstly turn on the screen before starting computer; and firstly turn off the computer before stopping the Product; power off until the indicator lamp of computer and screen is off.

4) It is forbidden to write or draw on the touch infrared frames at four edges, or damages the infrared frame using any objects; besides, its needed clean the dust on them on a regular basis to avoid affecting the infrared touch function.

5) Electric products shall be free from humid, shocking and unstable position.

Statement: this Product may realize zero energy consumption only if it has no connection to external input power supply.

VII. Introduction to Quick Use

1、Introduction to startup & shutdown of the AIO

1) Make sure power wire is well connected (power socket of AIO is connected to the left or right side of screen) and power supply is safe.

2) Press the power switch which faces downwards at the left side (or right side) and now, the remote control receiving window at the lower right corner of AIO should be red, which means, the AIO is ready to be started.

3) The power button on remote controller has the same function with "POWER" button at lower right corner of screen. If the remote control receiving window at lower right corner of screen becomes red, press "POWER" button or power button on remote controller, the remote control receiving window will become orange and enter startup picture at the same time. If AIO has computer, it will be automatically started several minutes after start of screen.

4) The user may have other operations after successful startup of the AIO.

5) If this Product is under startup state, the user may click "POWER" button at lower right corner of screen, or power button on remote controller to pop up the prompt of whether shut down on screen; Select "Yes" to turn off screen and computer; the remote control receiving window becomes red and AIO enters standby state.

6) If this Product is under standby state, turn off the downward power switch at the left side (or right side), the remote control receiving window at lower right corner of AIO is off and AIO has normal shutdown.

2、Quick use of remote controller

1) Reverse the remote controller, install two AAA alkaline batteries and close the cover of battery bin.

Note: never use rechargeable batteries such as nickel cadmium battery to ensure correct operation, since such batteries may have different shapes and performance. The waste batteries shall be disposed in an environmentally friendly way.

2) Press "Signal Source" button on remote controller to quickly switch to the channel needed, including AV and YPbPr, VGA and HDMI by using Up, Down and OK key.

3) For detailed functions of remote controller, please refer to Article X of this Manual Introduction to Use of Remote Controller.

3、Operation method for external PC of the AIO

There are three operation methods of external PC of AIO: connection via VGA wire (self prepared); connection via HDMI wire (accessory or self prepared).

In the first method, it should be connected through the following steps:

1) Connect VGA wire end to the VGA output port at left side(or right side)of AIO, and connect another end to VGA end of PC.

2) Connect the end of USB wire to “TOUCH USB”end at left side of AIO, connect flat end of USB to the USB port(touch is available if this end is connected) of external PC.

In the second method, it should be connected through the following steps:

1) Connect HDMI wire end to the HDMI port at front side of AIO, and connect another end to HDMI port of external PC.

2) Connect the flat port of USB wire to TOUCH-USB port at front of AIO, and connect another flat port to external USB port(touch is available if this end is connected).

In the third method, it should be connected through the following steps:

1) Connect HDMI wire end to the downward HDMI port at left side of AIO, and connect another end to HDMI port of external PC.

VIII. Control Panel

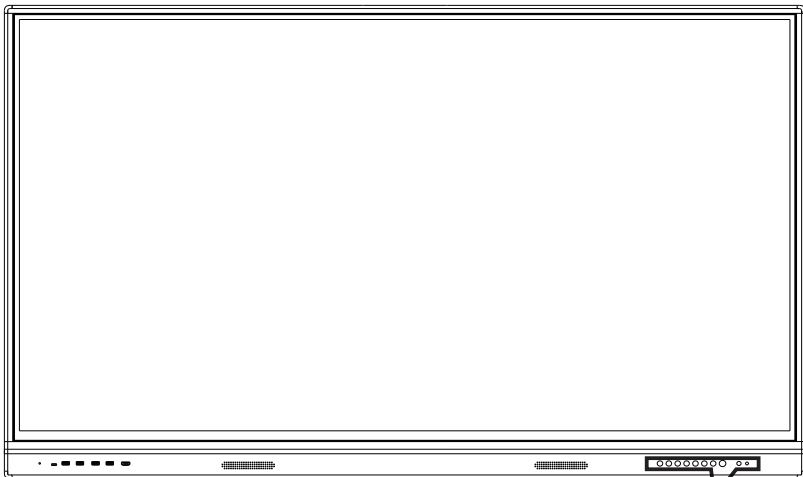
(for illustrative purposes only and may differ from the actual product)

2) Connect the square opening of USB wire to the “TOUCH-USB”port at left side of AIO, and connect the flat side of USB port to the USB port of external PC(touch is available if this end is connected)

Suggestion: HDMI interface at front panel is connected to HDMI wire $\leq 3\text{m}$; The HDMI interface at lateral side is connected to HDMI wire $\leq 5\text{m}$.

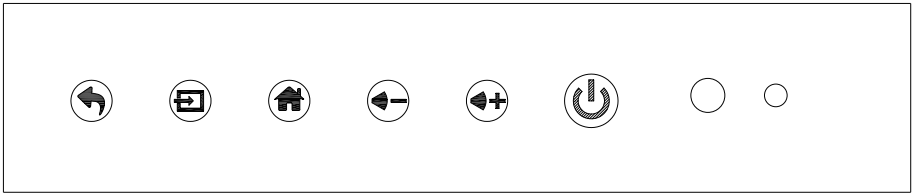
After wiring is finished, you may switch the screen of external PC to the screen of AIO for display and touch operation. Now, the user may write and mark using whiteboard software of external PC. For details about installation and operation of whiteboard software, please refer to detailed introduction to installation and operation of whiteboard software in this Manual.

Note: For any inconsistency between the real object and introduction in this Manual, the real object shall prevail.



Right Control Panel

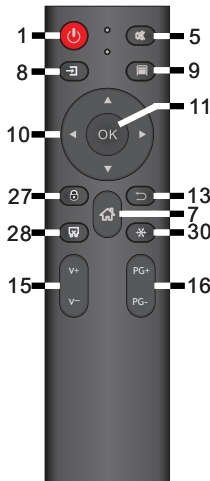
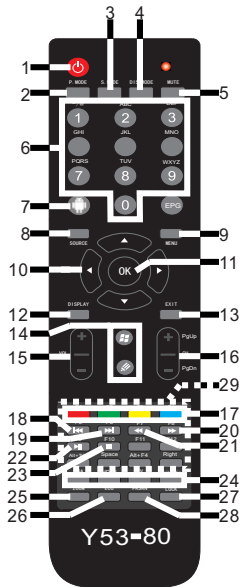
Right control panel



S/N	Port Name	Function
1		Return
2		To switch signal source
3		Home button to switch between Android and Window
4	 	Volume regulation button. Press button on screen menu to adjust volume and adjust volume in other sub menus.
5		Power switch
6		Remote control receiving window
7		Light-sensitive receiving window

IX. Introduction to Remote Controller

(Product images are for illustrative purposes only and may differ from the actual product)



1. **Power (standby key):** press this key to enter the mode of startup or standby.
2. **Picture mode:** press picture mode key to have circular switch between picture modes of "Standard, user and bright".
3. **Sound mode:** press this key to circular switch of sounds between standard, music, movie, sport and user.
4. **Display mode:** press this key to have circular switch of picture scale between: auto, 4:3, 16:9, zoom 1, zoom 2, full screen, nonlinear and point-to-point.
5. **Mute:** press mute key to enter mute mode. The mute mark is shown at upper left corner of screen. Press this key again to release mute state and the mark on screen will disappear.
6. **Figure:** it is valid under TV signal source only and used for receiving TV channel, or inputting figure in corresponding menus.
7. **Homepage:** press this key to switch from WINDOWS to homepage of Android.
8. **Signal source:** press this key to pop up list of signal source; press UP and Down arrow to switch the input signal sources, including TV, analogue TV, component, computer, HDMI 1, HDMI 2, built-in computer, Android and video.
9. **Menu:** press this key in all modes to display the overall setting options.
10. **Direction key:** press UDRLR (Up, Down, Left, Right) key to adjust or select menu options.
11. **OK key:** press this key to confirm certain option.
12. **Display:** press this key to display the resolution of present signal source.
13. **Exit:** press this key to exit present menu.
14. **Windows/Whiteboard function key.**
15. **Volume:** Press Volume(+)/(-) to adjust volume. Press this key under mute mode to release mute state.
16. Press this key to switch channel, or page up/down.
17. **Color key:** to have prompt function in menu of digital TV.
18. Press this key to enter the previous directory or play the previous song.
19. Press this key to enter the next directory or play the next song.
20. Press this key to fast forward.
21. Press this key to rewind.
22. Press this key to play or pause program.
23. Press this key to stop play.
24. **Channel shortcut key:** to switch to corresponding channel by one key.
25. **Picture zoom:** press this key to zoom in or zoom out picture.
26. **ECO:** press this key to turn off screen brightness.
27. **LOCK:** press this key to lock screen, remote controller and functions of key.
28. **PRSRN:** Press this button to capture the screen and save.
29. F11/F22/Alt+Tab/Space/Alt+f4/Right, Press these keys to have corresponding functions under the signal source of OPS.
30. **Freeze:** Press this button to freeze the picture of current playing screen and continue to play audio.

X. Product Upgrade & Maintenance

Introduction to product upgrade and module replacement:

System upgrade:

Online upgrade: such upgrade shall be compatible to the current AIO and version and enough storage space shall be reserved for downloading and installation.

Local upgrade: the upgrade package which is from existing external device directory and compatible to this TV is used for local upgrade.

Module replacement:

1. Upgrade of software module: during software upgrade, the user may select upgrade of materials, resources, simulation and question bank module.

2. Upgrade of hardware module: if hardware has fault or new functions are needed, the user may make application to manufacturer for replacement of following modules: interface module, power module, infrared emission/receiving module, ops computer module and Android module.

Product maintenance:

Early faults can be prevented and service life of machine can be prolonged by carefully and regularly cleaning. It is a MUST to power off and unplug power wire before start of cleaning.

Screen cleaning

1. Way to keep screen clear: add small amount of softening agent or detergent in water, wet the soft cloth in water and have it dried and then wipe the screen.

2. If screen has excessive water on it, make sure it is fully dried before starting the machine.

Shell cleaning

1. Please clean the dirt or dust on shell using soft, dry and hairless cloth. It is not allowed to use wet cloth.

2. Please unplug the power plug before this machine is idled for certain period to prevent further damaged caused by lightning or electric wave.

3. This Product shall be disassembled by professional staff only. For any problem please kindly consult local maintenance person.

Maintenance instructions:

1. Warranty period please contact to local representative.

2. Software enjoys life-long free upgrade.

XI. Faults and Troubleshooting

No power	Check if AC power wire of this Product is well inserted into power socket. However, if it still has no power, unplug the power plug and wait for 60s before reinsert it, then start the machine.
No picture	Check the connection of antenna at rear side of machine and try other channels.
Poor receiving quality	Ghost or illusion may occur if there are high buildings or mountains nearby and in such case, you may manually adjust the picture quality; please refer to introduction in “manual searching” or change the receiving direction of external antenna. If indoor antenna is used, it may have difficulty receiving in some cases. The picture quality can be improved by changing the antenna direction. However, if poor picture quality still exists, please use an outdoor antenna.
Clear picture, but no sound	Increase volume, check if the machine is mute and press Mute button on remote controller to cancel mute.
Good sound, but poor color	Increase contrast and brightness.
Snowflake in picture and noise	Check connection of antenna at rear side.
Ghost or illusion”, no response of remote controller	It may be caused by poor antenna position. Picture quality can be improved by using high directional antenna; the remote controller should correspond to remote control sensor on the machine. If there's no reaction, check if the plastic isolation paper is removed and if batteries are correctly installed, and replace the batteries. If this machine fails to receive signal within 15min it will be auto-matically switched to pause state.
Screen is too bright or dark (PC mode)	Adjust contrast and brightness in main menu.

XII. Notice for Waste Recycling

If this Product is no longer needed, or reaches its service life, shall be submitted to the qualified recycling plants recognized by state in accordance with the relevant laws and regulations for recycling of waste electric products in order to care and protect our earth.

FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure

