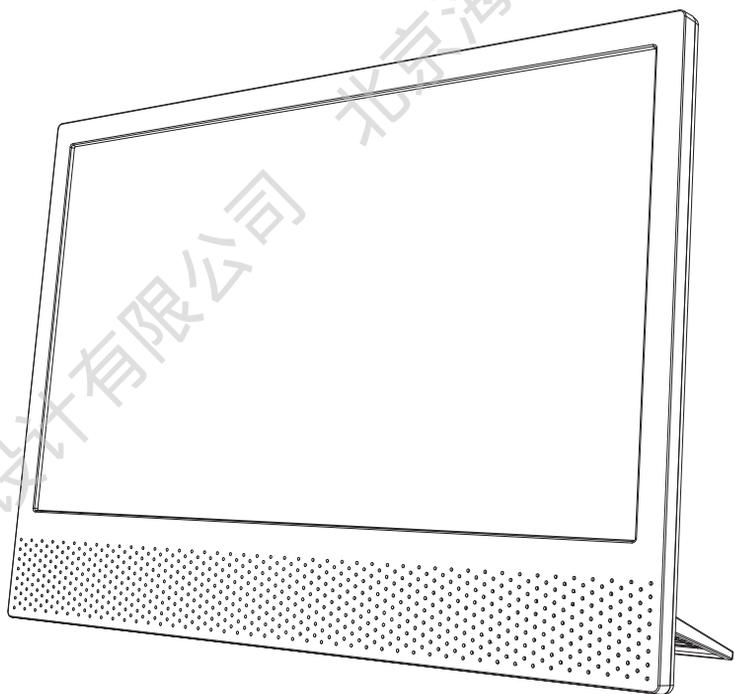


QTV

Shared screen user manual

Model:PZ16E101



Haier (Beijing) IC Design CO.,Ltd.

*** Please read the product manual carefully before using the product**

Thank you for purchasing and using the shared screen. For your safety and interests, please read this product manual carefully before using the product. The company will not be liable for any personal injury, property or other loss caused by the failure to operate in accordance with the product manual or follow the precautions.

*** About this product manual**

The copyright, trademark and trade name of the manual belong to the company and its related parties. If the contents of the manual are inconsistent with the actual products, the actual products shall prevail.

*** Note**

The battery with the wrong model may explode. Please use the battery correctly according to the precautions. Dispose the used battery properly and throw it to the designated recycling point.(see page 20 for battery precautions)

*** Note**

If you can't use the same screen function and projection function normally, please check the version of the mobile phone you are using and refer to the user manual of the mobile phone manufacturer to see if this function is supported.

Some old, low-end and poor performance mobile phones will have adaptability problems.

Users can scan the bottom of the two-dimensional code into WeChat official account to know more about the shared screen or log on to the <http://www.haier-ic.com> website, choose the sharing screen of the gano-derma, view the video of the screen or download the electronic version.

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1、 Product introduction

The shared screen is a portable LCD with a screen size of 15.6 inches and a resolution of 1920×1080/1366×768. It has the following functions:

1. Support the same screen function of Android phone, Apple phone and tablet computer.
2. Support the video projection function of mobile film app software.
3. Support the function of playing multimedia files (pictures, music, and video) on USB flash disk.
4. Connect the computer host, set-top box and game host through HDMI cable, which can be used as the display screen.
5. IPTV live TV watching.
6. Youtube.

2、 Product list

Please check the product list carefully after opening the package:



host×1



remote control×1



instructions×1



7 dry cell×2

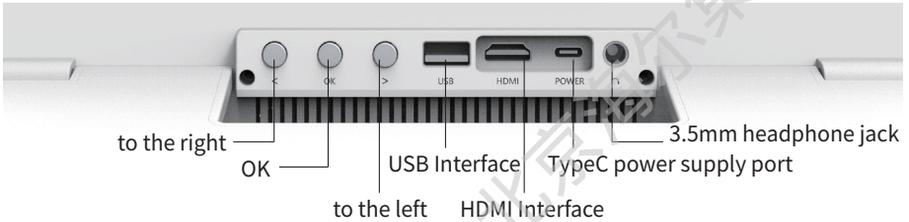
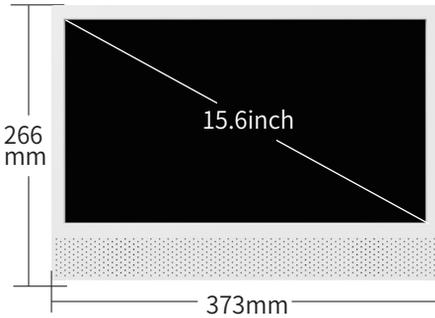


Typec charger×1

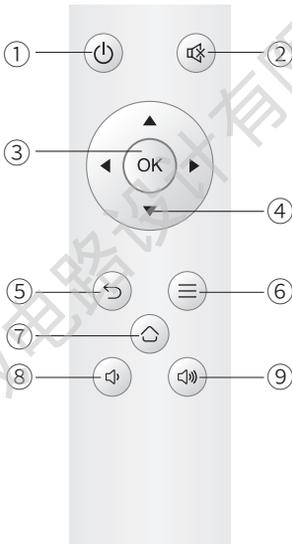
3、Shared screen specifications

Screen size	15.6 inches
Screen resolution	1920×1080/1366×768
Visible area	length :346×height:195 (mm)
Display scale	16 : 9
Host thickness	12mm
Appearance size	length:373×height:266 (mm)
Refresh rate	50/60Hz
Storage capacity	1Gb DDR 、 1Gb Flash
WIFI band	2.4G
Transmission protocol	Miracast、DLNA、Airplay
Input interface	USB interface×1、HDMI interface×1、 TypeC power supply port×1
Output interface	3.5mm headphone jack×1
Produce accessories	host×1、remote control×1、instructions×1、 Typec charger×1、No.7 dry cell×2

4、Schematic diagram of sharing screen



5、Remote control function



① Switch	standby switch
② Mute	turn sound off or on
③ OK	select OK
④ Navigation key	move up / down / left / right in menu or option
⑤ Back	to previous menu
⑥ Menu	enter setup menu
⑦ Home	to main menu
⑧/⑨ Volume + / -	volume level adjustment

6、 Menu structure description

Menu item	function description	Menu item	function description
Miracast	Android phone on screen	USB	Multimedia play
Airplay	Apple phone on screen	IPTV	Low Cost IPTV
DLNA	mobile film app projection	Setting	Set TV parameters
HDMI	HDMI signal source	Youtube	Youtube

7、 Function instructions

7.1 Homepage



Function Description:

After the shared screen is powered on, the main menu is displayed, with eight items in total: Miracast、Airplay、DLNA、 HDMI、 USB、 IPTV、 Setting、Youtube.

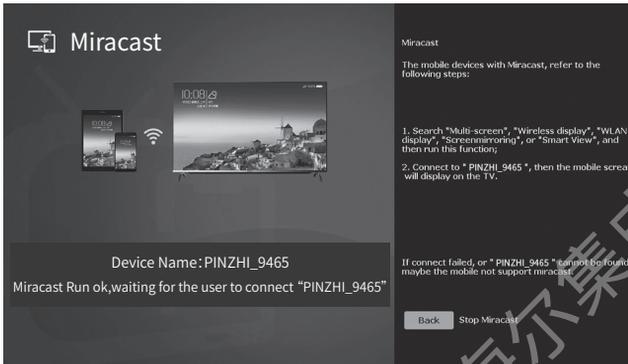
Operating instructions:

[left / right] key: cycle left / right between menu icons.

[OK] key: enter the next menu interface of the selected item.

7、Function instructions

7.2 Miracast



Function Description:

In the “Miracast” interface, please follow the instructions on the interface to synchronously project the mobile screen to the shared screen for display. It can simultaneously browse photos, file display, play videos, large game screen display, etc;

* **Note:** Please select “Airplay” function for Apple mobile phone, see Section 7.3.

Operating instructions:

(1) **On the sharing screen:** select from the main menu to enter the "Miracast" interface, which will automatically start "Miracast".



7、Function instructions

(2) **On the mobile terminal:** turn on the wireless display function of the mobile phone. According to different brands of mobile phones, in the mobile phone pull-down menu or the mobile phone "Settings" interface, open "wireless screen projection", "multi screen interaction", etc. (Note: the function names of different brands of mobile phones are different, please refer to attached table 1). When this function is turned on, the mobile phone will automatically search for available devices and select the local devices searched, such as "PINZHI_9465". After the connection is successful, the mobile phone screen will be synchronized to the shared screen.



(3) Turn off "Miracast".

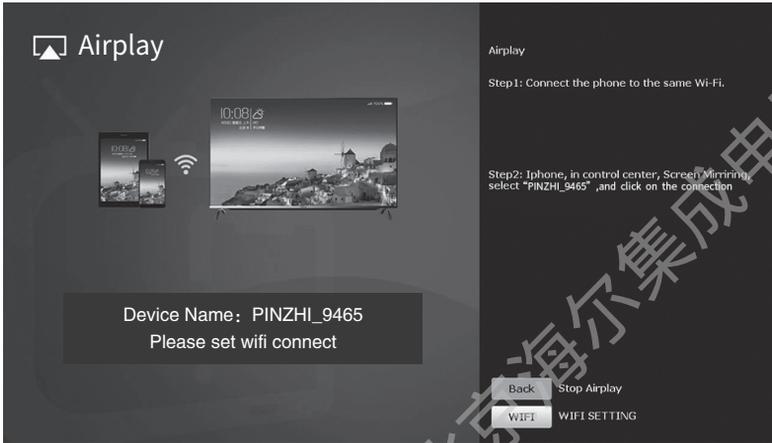
Disconnect "wireless display", "multi screen interaction" and other connections in the phone setting interface or shortcut menu, or press the [Back] key of the remote control to exit the "Miracast" function.

Example of the "Miracast":

***Note:** when operating on the same screen, for the best experience effect, it is suggested that the mobile phone should be placed in the front or back of the screen instead of the front side.

7、Function instructions

7.3 Airplay



Function Description:

The same screen to shared screen display for Apple mobile phone.

Operating instructions:

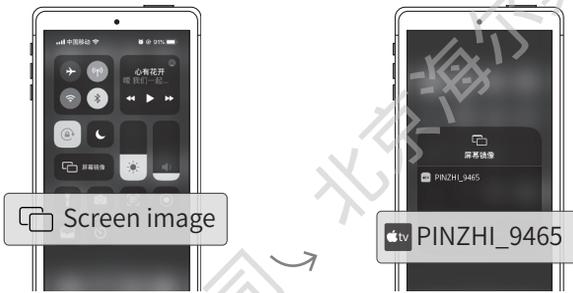
(1) On the sharing screen: select from the main menu to enter the "Airplay" interface, which will automatically start "Airplay".



7、Function instructions

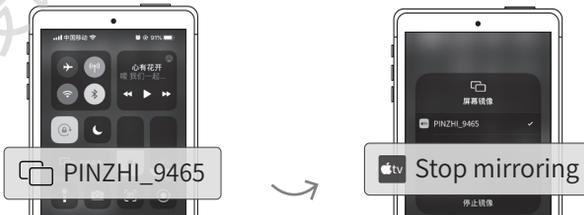
(2) Connect the Apple phone to the same WIFI as the sharing screen.

(3) **On the mobile terminal:** open the control center of Apple mobile phone, click "screen image" or "airplay image", and click to select the name of the shared screen device in the device list, such as "PINZHI_9465". After the connection is successful, the mobile screen can be put on the shared screen for display.



(4) Turn off "Airplay".

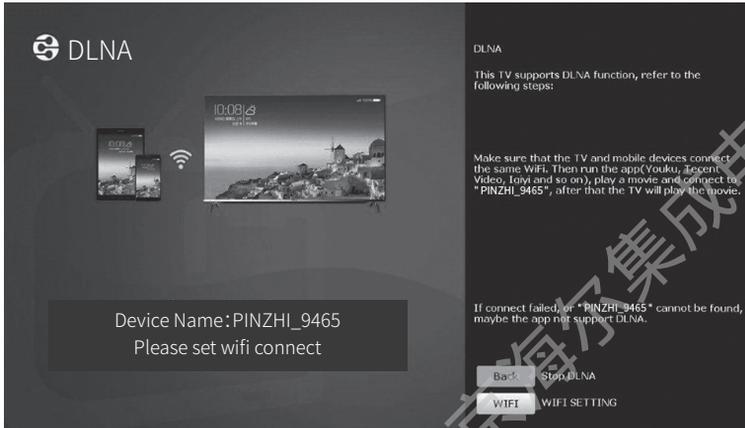
Open the control center, select the device name, select Stop image in the pop-up list, or press the [back] key of the remote control to exit the "Airplay" function.



***Note:** when operating on the same screen, for the best experience effect, it is suggested that the mobile phone should be placed in the front or back of the screen instead of the front side.

7、Function instructions

7.4 DLNA



Function Description:

Realize the video sharing and playing of mobile film and television app, that is, the mobile phone sends the link address of the video source to the sharing screen, which plays independently.

Network is required, and mobile phone and sharing screen are required to be connected to the same WIFI.

This function is related to the video app installed in the mobile phone, i.e. Youku, Tencent video, iqiyi, LETV and other video apps all support this function, and any video with a projection icon in the video can be projected.

Android phone, Apple phone and tablet are all supported.

Operating instructions:

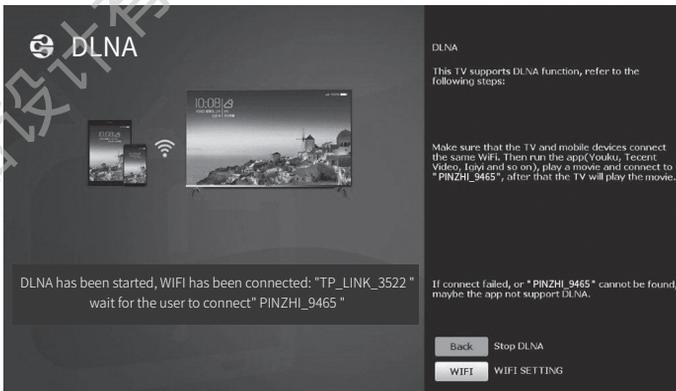
(1) **On the shared screen:** select from the main menu to enter the "DLNA" interface, which will automatically start the "DLNA".

7、Function instructions



(2) On the shared screen: if WIFI is not connected, press the [up/down] key of the remote control to select the **WIFI** button, and press the [OK] key to enter the WIFI setting interface to connect WIFI (see section 7.5). Make sure that the mobile phone and the sharing screen are connected to the same WIFI.

(3) On the shared screen: The interface displays: "DLNA has been started, WIFI has been connected": for example, " TP_LINK_3522 "and wait for the user to connect" PINZHI_9465 ".



7、Function instructions

(4) On the mobile side: open the video app interfaces of Youku, Tencent video, iqiyi, etc and select a video to play; then click the  screen icon on the mobile phone playing interface, and the mobile phone prompts to find the sharing screen: such as "PINZHI_9465" and connect; after the connection is successful, the video will be played on the sharing screen.



(5) Exit DLNA

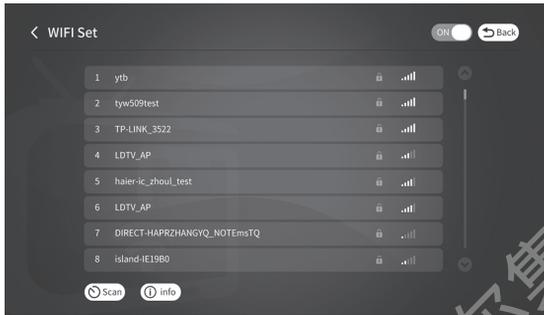
On the shared screen: press the [Back] key to exit DLNA function of the mobile phone.

Example of DLNA effect (as shown below)



7、Function instructions

7.5 WIFI Settings



Function Description:

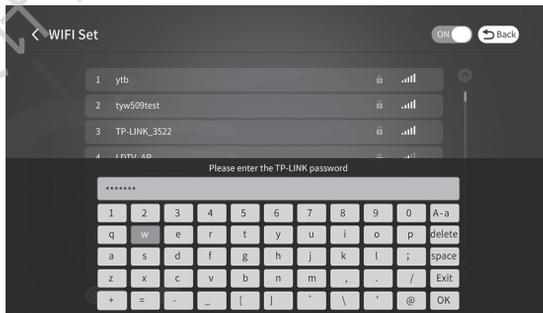
Share screen to set WIFI function.

Operating instructions:

(1) Enter the "network settings" menu from the "Settings" item in the main menu, and the WiFi signals that can be found nearby will be scanned automatically and the list will be displayed.

(2) Press the [up / down] key: move the cursor to select the WIFI to be connected.

(3) Press [OK] key: select WIFI, input WIFI password and connect.



(4) After the connection is successful, press the [Back] key to exit the WIFI setting interface.

7、Function instructions

7.6 HDMI

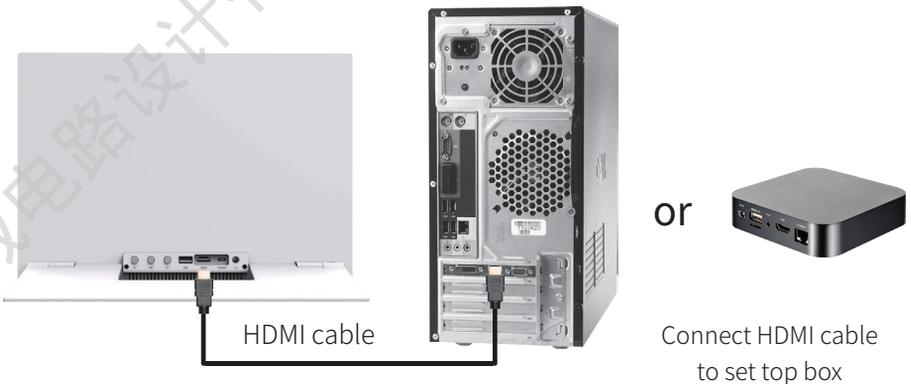


Function Description:

The shared screen uses HDMI cable to connect the computer, TV set-top box and game console, which can be used as the display screen.

Operating instructions:

(1) As shown in the figure, connect the HDMI cable to the HDMI interface of the shared screen and the computer / TV set-top box / game console.



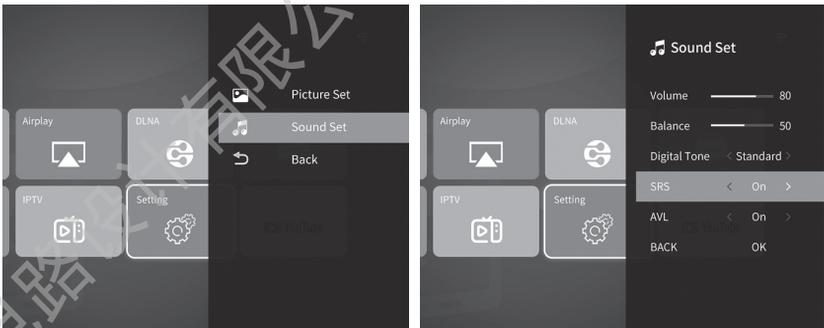
7、Function instructions

(2) Enter the HDMI menu item in the homepage of the shared screen to switch to the HDMI video source.



(3) Press the [Back] key: exit the HDMI and return to the homepage.

(4) Video parameter setting: press the remote control [menu] key to enter the parameter setting interface of the shared screen (as shown below).



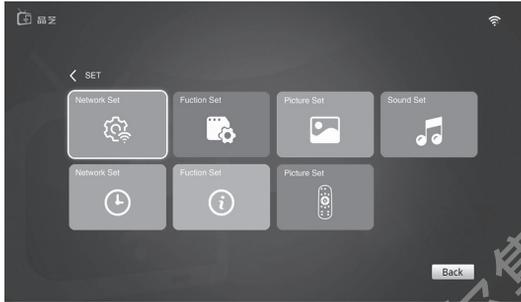
(5) Press the [up / down] key: move the cursor up and down.

(6) Press the [OK] key to enter the next level menu.

(7) Press the [left / right] key: move the cursor to the left / right to adjust the parameters.

7、Function instructions

7.7 Setting



Function Description:

It can be set for network, function, image, sound, timing on / off, about local machine, remote control learning, binding with family, etc.

(1) Press the [up / down / left / right] key: move the cursor to select the option.

(2) Press the [OK] key to enter the next menu for setting.

7.8 USB

Function Description:

Play the multimedia files on the USB stick. Including: movie, music, image.

Operating instructions:

(1) Insert the USB disk into the USB connector on the back of the sharing screen.

(2) Press the [left / right] key: move the cursor to select the file type to play.

(3) Press the [OK] key: the type of file in the U disk will be searched, and the file list will be displayed. In the list, you can select the file to play.

(4) Press the [Back] key: Back to the previous menu.

7、Function instructions

7.9 IPTV



Function Description:

After network connection, live network video programs can be watched.

IPTV program list (Over 1000 shows in 42 countries):

- AR BeIN Sports SD Low
- AR BeIN Sports SD
- AR BeIN Sports HD
- AR BeIN Sports 4K
- AR BeIN Sports
- Morocco
- Arabic Al
- Arabic MBC
- Arabic OSN
- Arabic Others
- Algerian
- Libyas
- Africa
- Dstv
- Kurd
- Brazil Esportes/Noticias
- Brazil Publico
- Brazil Fimes/Series
- Brazil Infantis
- Brazil Others
- Brazil HD
- Brazil 4K
- Portugal
- Latin America Laz
- Spain
- Peru
- United Kingdom
- France
- Spain
- German
- Italya
- Turkish Fta
- Turkish
- Pakistan
- India Tamil
- India Sony
- India Star
- India Zee
- India Karnataka
- India Others
- Test
- China

Operating instructions:

(1) Please go to the WIFI interface first to ensure the success of the network connection.

(2) Enter the IPTV interface from the home page and press the [OK] button to pop up the program list.

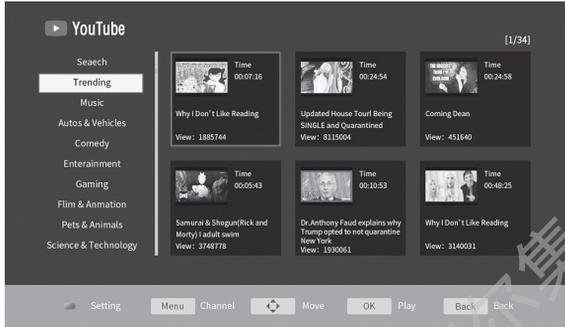
(3) Press Up/Down: Move the cursor to select the program to play.

(4) Press the OK key: Play the selected program.

(5) Press the BACK key: Back to the previous menu.

7、Function instructions

7.10 Youtube



Operational instructions:

(1) YouTube Video Website can be accessed from the homepage after successful network connection.

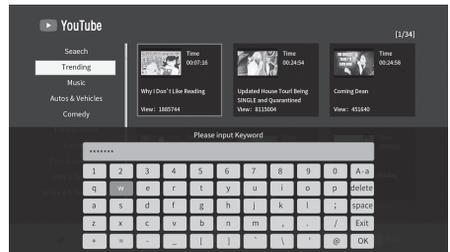
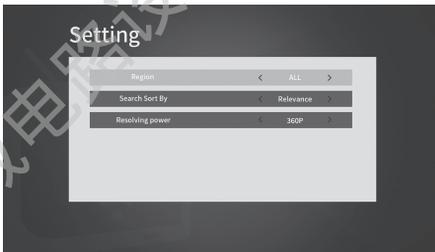
(2) Press the left/right key and the up/down key to move the cursor to select the program.

(3) Press the OK key: Select the video file to play.

(4) Press the BACK key to go back to the previous menu.

(5) Press the Menu key: Enter the video playback settings menu.

(6) Video Program Name Search



7、Function instructions

7.11 Attached table 1: (refer to the same screen setting of all brands of mobile phones)

Mobile brand	setting path
Huawei Mate Series	settings > device connection > mobile screen projection > wireless screen projection; or from the drop-down menu of mobile phone > wireless screen projectio
Huawei P9	settings > Advanced Settings > multi screen interaction
Huawei P9 plus	settings > device connection > multi screen interaction
Apple	settings > Control Center > screen image or airplane image; or from the phone drop-down menu > screen image or airport image
Xiaomi	settings > more connection methods > wireless display
VIVO	settings > more wireless connections > wireless display
OPPO	settings > other wireless connections > wireless display
Meizu	settings > display > projection screen
Lenovo	settings display > wireless display
Samsung	settings > Screen mirroring or screen sharing settings > Screen mirroring or from the drop-down menu > smart view

8、Warranty

Warranty bill

User name: _____ contact number: _____

postal address: _____

Invoice No.: _____

Purchase date _____ serial number: _____

Sales unit: _____

Warranty Description:

- 1、From the date of purchase, if there are quality problems within 7 days, you can choose to return or repair;
- 2、From the date of purchase, if there is any quality problem within 15 days, you can choose to exchange or repair;
- 3、1 year warranty from the date of purchase;
- 4、Complimentary items are not covered by warranty.

The following situations are not included in the scope of "Three Guarantees" service:

- 1、Damage caused by the use, maintenance and storage not in accordance with the requirements of this manual;
- 2、There is no purchase invoice and warranty, or the service period of "Three Guarantees" is exceeded;
- 3、During the use of the product, the paint is normally removed, decoloured, worn and consumed;
- 4、Damage caused by disassembly and maintenance without permission of the company;
- 5、Failure or damage caused by fire, flood, earthquake, lightning and other natural disasters or force majeure, or abnormal voltage and other non product factors.

9、 Battery Precautions

- * Please insert the new battery correctly according to the symbol used to locate the positive (+) and negative (-) of each battery. Do not reverse the battery polarity.
- * Please replace the battery according to its size and type.
- * If the device is not used for a long time, please take out the battery.
- * Please store the battery in a cool and dry place under normal room temperature. Do not put the battery in an overheated place, such as a car in direct sunlight.
- * Do not immerse the battery in water or let it contact with water.
- * Do not disassemble, puncture, modify, drop or throw the battery, and do not cause any unnecessary vibration to the battery.
- * Do not short-circuit the battery; for example, do not scatter the battery and other metal items in the pocket or wallet, otherwise it may cause the battery short circuit inadvertently.
- * If the battery leaks, discolors, rusts, deforms, emits odor, or has other abnormalities, please do not use the battery, please properly handle the battery.
- * Do not charge the non rechargeable battery or charge the battery for more than the specified time.
- * Do not store the battery in a place accessible to children.
- * Please make sure to separate the battery from the domestic waste and throw it to the designated recycling point for recycling.



WeChat official account

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