

Portable Smart Screen User Manual



JM-32-01

Note:

Thank you for choosing our product. In order to ensure your safe use of this product please read this manual carefully and keep it properly before using this product.

Catalogue

Safety warning-----	1
Packing list-----	2
Install the structure diagram/explanation-----	3
Function introduction-----	4
Specification parameter-----	5
Remote control unit-----	6
Screen Mirroring-----	9
Power Adapter Instructions-----	10
Internal Battery Instructions-----	11
Download application software-----	11
Setting interface-----	12
Pairing function-----	15
FCC Statement-----	16
Pushbuttons description-----	17

1.Safety warning

Preface

Thanks for using the smart screen

Before starting the device , Please read the product features and notes in the user manual carefully

Warning

- You can't use other power adapter to power this device
- Do not block or cover the ventilation hole at the back of the device
- Do not use or store this machine in dusty, humid and high temperature environment.
- When the machine breaks down, please do not disassemble and repair it by yourself. please contact the original factory or dealer to solve the problem.
- To prevent electric shock, do not step on the power cord or power adapter, do not continue to use damaged power cord
- During thunderstorms or this machine is not in use for a long time,please unplug the power cord
- Try not to touch the display screen during transportation or use, do not squeeze the display screen hard, and do not damage the display screen with sharp weapons or hard objects, so as to avoid damage to the display screen.
- To avoid damage to the display screen, do not use sharp objects or hard objects to hit the display screen
- Please clean the machine with a dry soft cloth or a soft cloth slightly dipped in a flexible cleaner. Do not use any kind of solvent, such as alcohol or gasoline, or it may damage the surface treatment layer.
- Children must be made aware of the dangers of climbing this product, which can cause serious life injury if it is dropped or dumped.
- Do not place the product in an unstable or inclined position.
- To avoid tripping, be sure to arrange the cables connected to this equipment in time



Safe for use in non-tropical climates only

2.Packing list



Monitor x1



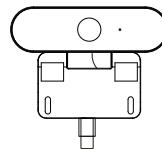
Stand x1



Base x1



Bluetooth remote control x1



Webcam x1



User manual x1



Wrenchx3



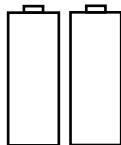
M10×1



M5×4



TYPE-C cable and adapter



Remote control batteryx2

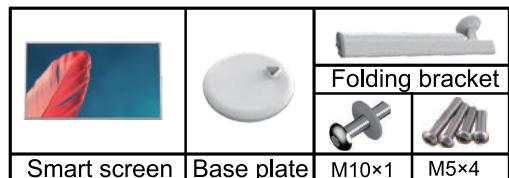


Warranty card
certificate installation list

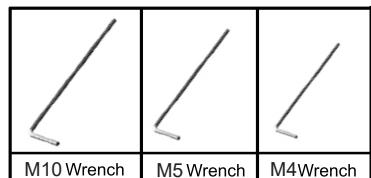
3. Install the structure diagram/explanation

- Please read this instruction carefully to familiarize yourself with the required materials and installation procedure.
- Please take care of the screen as it fragile, and do not make it directly touch the ground or sharp objects, and do not hit it with hard objects.
- Please unpack the product and carefully check if the product is damaged before installation.

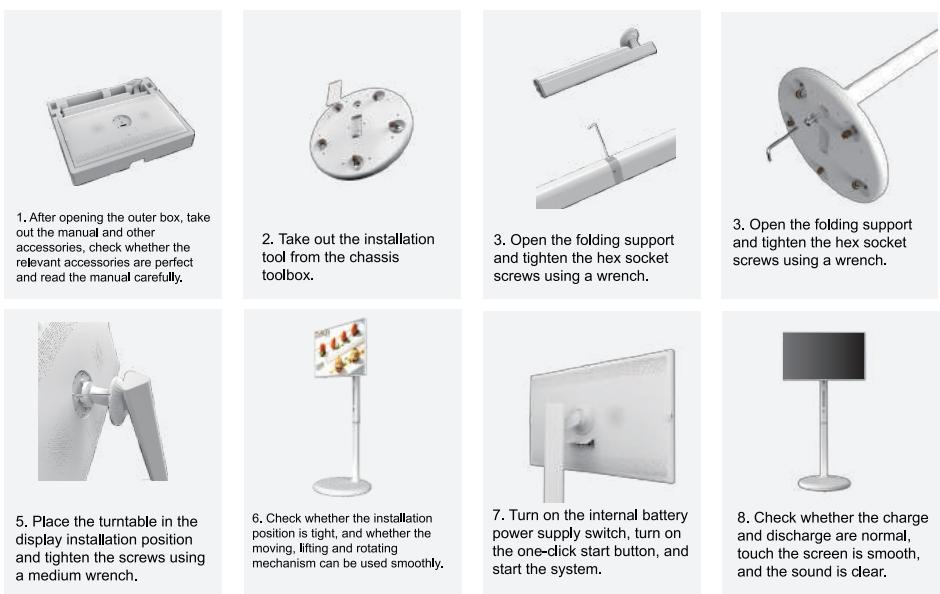
★ Item List Details



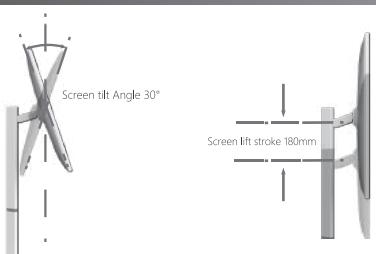
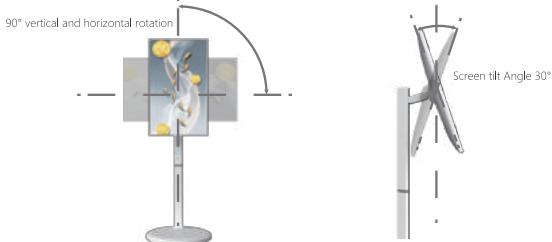
★ Self-tools required



★ Installation procedure



★ Viewing Angle



4.Function introduction



1. Connection of signal Q line

1.1, support HDMI signal connection, use HDMI cable to connect the display to the signal end

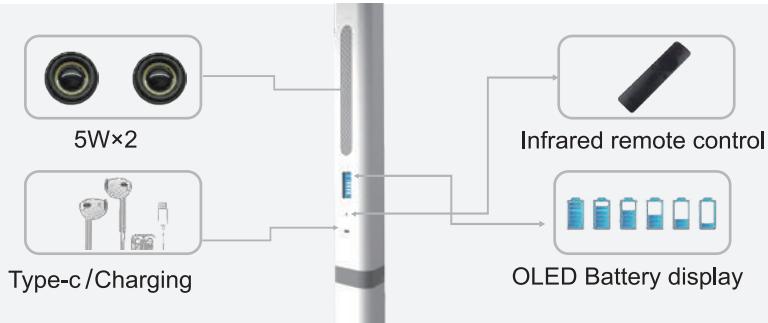
1.2, Support Type-C signal connection, use the Type-C line to connect the display to the signal end. Note: The Type-C interface at the signal end has the transmission function

2. Connect the USB peripheral

You can also connect USB/Type-C peripherals through USB/Type-C docking; When connecting peripherals, the default is Android, if you need to switch, you need to switch in the menu

3. Menu Settings

Long press the menu key to wake up from sleep, short press the menu key to activate the menu to set



Type-c Adaptor



Lithium Battery 7800mAH 14.8V



Tool Compartment/Handles x3



2.5inch Silent Wheel x5

5.Specification parameter

1.Display Features:	
Size	32"
Brightness	200cd/m2-250cd/m2
Resolution	1920×1080 , FHD
Contrast	1000:1
Refresh Rate	60Hz
Display Colors	16.7M
Aspect Ratio	16:9
Viewing Angle	178H/178V
Response Time	6ms
2.Product Measurement:	
OutSide Box Dim(W*D*H)	800×670×200mm
With Stand(W*D*H)	723*150*420mm
N.W/ G.W	18.5KG/21.5KG
3.Power Requirements:	
Input Voltage	100-240V AC 50/60HZ
Standby Consumption	≤0.5W
Power In	20V 5A
Built-in battery capacity	131.04WH (16.8 / 7.8A)
Full battery life	3H
Power ON Consumption	100W
Speaker Consumption	3W*2
4.I/O Port:	
DC	1
Type-C	1
USB	1
HDMI	1
WIFI	YES
BLUETOOTH	YES
CAMERA	Optional--detachable(500Wpixs)
5.Special Functions:	
MOVE	YES
Recharge	YES
Touch	YES
Image Autorotaion	YES
CPU	8 CORE
GPU	MT8183
RAM	4G
ROM	64G
OS	Android 13
6.Structure:	
univsal w heel	YES
expansion link	YES
7.Stand:	
High And Low Adjustment	YES
Up And Down Rotation	YES
Left And Right Rotation	YES
Forward And Rear Rotation	YES
8.Accessories In The Box	
Power Adapter	1
Manual	1
installation instructions	1

6. Remote control unit

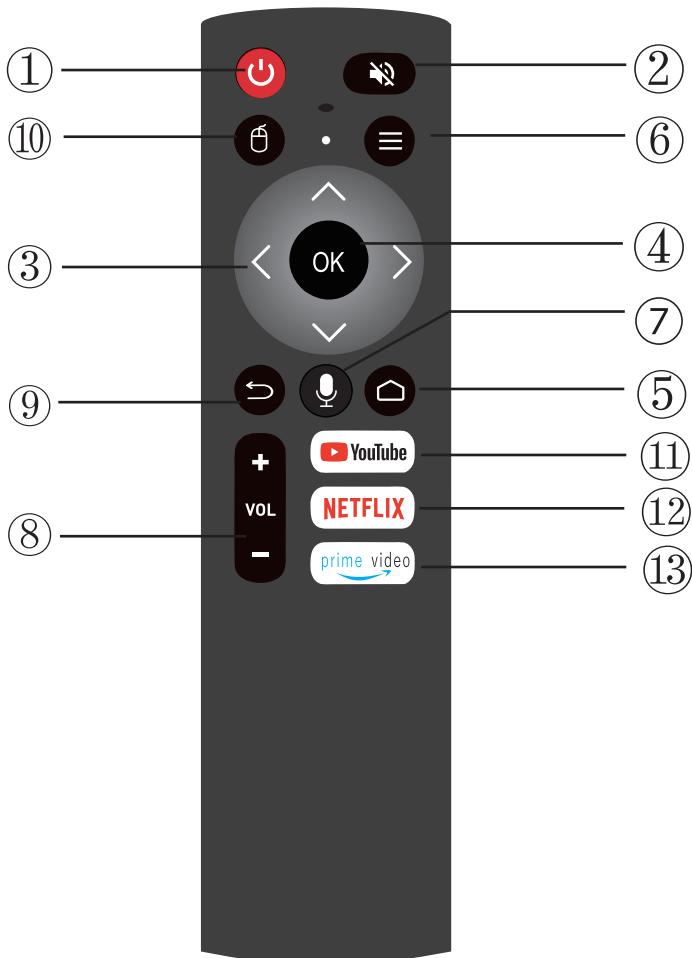
6.1. Key function

6.11 Scope of application: Equipped with Bluetooth module device

6.12 Rating Voltage: DC3.0V

6.13 Applicable battery: No. 7 battery *2 pcs

6.14 Weight: Approx. 47.2g (without battery)



- ①.Power key: short press to turn on/off the TV/box
- ②.Mute key: short press to turn off the sound loudness /restore the soundoudness
- ③.Direction key: control the focus to move up, down, left and right
- ④.Confirm key: confirm to select the current focus and pause/play the current video on the video interface
- ⑤.Home key: short press to quickly return to the desktop
- ⑥.Menu key: displays more functions under the current interface
- ⑦.Voice key: press and hold to voice search
- ⑧.Volume key: adjust the sound loudness of the TV
- ⑨.Back key: return to the previous level
- ⑩.Flying mouse key: short press to enter/close flying mouse mode
- ⑪ YouTube key: Open YouTube app
- ⑫ NETFLIXkey: Open NETFLIX app
- ⑬ Prime video key: Open Prime

6.2.Pairing

6.21 When Bluetooth is not paired (when there is no Bluetooth pairing record), press the "OK" button + "back" button on the remote control together for 3 seconds, and the remote control will directly enter the paired broadcast Mode.

6.22 After the pairing is successful, the icon of successful connection is displayed at the bottom of the box page.

6.23 You can query the connected Bluetooth device named "BT_Smart_RC001" in the Bluetooth setting.

6.24 If the code alignment is still unsuccessful after 1min, the remote control will automatically return to the original state.

6.25 After the code is successfully, it can be normally used. If the remote control is replaced, it needs to be matched again.

6.26 When Bluetooth is paired, you need to press the "OK" button + "back" button together on the remote control for 3 seconds. The remote control will clear the pairing information in advance and enter the pairing broadcast mode.

Note: If you want to rebroadcast the pairing under the paired condition, please clear the pairing information at the box end first, and then press the remote control "OK" + "back" to broadcast the pairing.

6.3.One-way microphone voice function

Press the voice key, start voice mode, and send voice HID code, release and close voice mode, and send Key bounce value.

6.4.Air Mouse Function description

6.41 The air mouse function is only available when Bluetooth is connected;

6.42 The cursor can move smoothly and accurately with the user's action (whether it is drawing a circle, moving horizontally, vertically, accelerating, decelerating, etc.), without unnecessary track or delay;

6.43 In the Bluetooth connection state, short press the air mouse button to turn on or off the air mouse function. After opening the air mouse function, short pressing the OK key is the function of sending the left mouse button; long pressing the OK key can realize the page turning function

6.44 When the mouse is opened, the sensor works normally when the remote control is moving; when the remote control is stationary, the sensor enters the low power consumption mode

6.45 When the air mouse function is turned on, the sensor will go to sleep after the Bluetooth is disconnected for 1 minutes without operation. If you need to use the air mouse, you need to turn it on again

6.46 When the Bluetooth connection air mouse is on, power off or power on again, the air mouse function will be turned off by default

7.Screen Mirroring

7.1 Client requirement

- Android 5.0 or above
- macOS 10.10 or above
- iOS 10.9 or above

7.2 Network requirement

- Receiver and client devices must be connected to the same network
- Wireless routing devices need to enable broadcast services and ensure that mDNS is enabled on the network /AP/ router (if applicable)
- In order for you to have a good experience, it is highly recommended that you use the 5Ghz Wi-Fi band

7.3 iPhone screen transfer

Place the iPhone and the receiving device on the same LAN, and open the "Mirror Screen Projection" provided by the iPhone for screen projection, as shown in the figure.

7.4 Android phone Miracast screen transfer

In the drop-down top menu bar of the mobile phone, find the screen projection function or other named screen transmission function and open it. Phones running Android 5.0 and above support mirrored screen projection. At this point, the phone will automatically start to search for large-screen devices. In the list of devices, tap the name of the large screen device you want to connect to to connect to the large screen.

7.5 MAC screen transfer

Place the Mac computer and the receiving device on the same LAN and click the icon in the upper right corner of the Mac computer, as shown in the figure. Select the built-in Screen Image icon to select a receiving device on the LAN for screen projection.

7.6 The computer Miracast screen projection

At the same time, hold down the Win+K button on the computer, and the computer will automatically start to search for large-screen devices. In the device list, click the name of the large-screen device you want to connect.

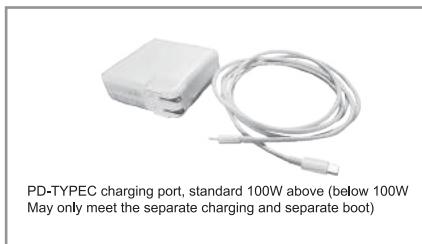
7.7 Screen transmitter Screen transmitter

Connect the screen transfer device to the USB (HDMI/Type-c) port of the computer (Windows/MacOS) for screen transfer (when the user's computer uses the screen transfer device for the first time, you need to go to the computer of the computer - removable storage device - double-click the drive letter CD drive :USBDisplay), and the screen transfer application will run automatically. It should be noted that windows 10 systems need to turn off the firewall (windows defender).

8.Power Adapter Instructions

Please plug the power adapter into the base, the base light wil turn on, indicating that the power is working properly.

Do not allow children to play with the power adapter and ensure it does not come into contact with water.



Note:When the AC plug of the adapter is plugged into the wall to power the stand, move the product as little as possible to avoid the risk of electric shock caused by forcefully pulling or damaging the power cord.

9.Internal Battery Instructions

This product's stand contains a built-in rechargeable battery that can be used for a period of time without connecting to otherpower sources. When the battery is depleted, it can be charged by connecting a charger.

Note:

It takes approximately 6 hours to fully charge the battery while using the device at the same time, and approximately 4 hours tofully charge the battery when the device is turned off. After the battery is fully charged, the device's battery life is approximate-ly3.5 hours.

The battery life and battery runtime are proportional to the device usage time.To extend the battery life, it is recommended to charge the battery after using it for a period of time. After the battery is fullycharged, do not leave it in a fully charged state for a long time, and do not charge the battery under extreme conditions.X The standard usage time in this manual is based on test data from our company's laboratory and may vary depending on usage conditions.

10.Download application software

Device enters "Google Play Store -> Log in to Google account -> Select the downloaded application -> Install successfully. "Not all applications are supported for running on Smart TV or support screen rotation. Please choose appropriate applicationsfor download and use.

11. Setting interface

11.1 General

- Sync device name with AP hotspot name: After this option is enabled, the device name on the receiving end changes with the hotspot by default.
- Display Welcome/Goodbye Welcome: After opening this option, the client will display a "welcome XXX" prompt when it just screens;
- Keep the display screen aspect ratio: After opening this option, keep the width ratio of the original screen of the client, and do not stretch the full screen processing;
- Screen transmission connection password: Set the password required when the client cast the screen to the receiving end. After the password is verified, the screen can be cast, which can avoid screen casting accidents;
- Dynamic change of connection password: you can set the time of dynamic change of screen password (no change, 10 minutes, 30 minutes, etc.);
- Display screen transfer password duration: set the screen transfer password prompt box display time (5 seconds, 8 seconds, 10 seconds, etc.);
- Start the log system: After it is enabled, the log will be saved in the File Management >Documents>log folder.
- Version: Displays the version of the screen transfer service.

11.2 Single Screen

- Screen clockwise rotation Angle of single screen mode: the screen can be rotated from the client to the receiving end, and can be rotated 90°/180°/270°.
- Exclusive mode: When an existing device is casting the screen, other devices cannot seize the current screen.

11.3 Airplay

Airplay resolution: Default 1080p resolution.

Airplay decoder type: Hard solution or soft solution can be selected.

11.4 Configuring Programs

- Sync Settings: Click this option, jump to the sync interface, click sync, you can synchronize the local Settings information to the server and the server Settings to the local.
- Manual pairing projector: Click this option to manually set the network SSID, password, ip information assigned to the receiving end of the local wireless LAN, click Generate configuration, you can generate pairing information, stay in the current interface with the USB screen transmitter pairing, you can manually pair the screen transmitter.
- Configuration program version: Displays the version of the screen transfer configuration program.

11.5 Management Programs

- Host mode: After opening this option, a small circular floating window will appear in the upper left corner of the receiving end of the transmission screen. Clicking the small floating window will display a list of clients that have been

connected to the receiving end. By clicking the device name in the list, you can control the upper and lower screens of the client to facilitate the management of the upper and lower screens of the device.

- Client screen projection management

- 1, unlimited: direct screen casting, no need for any operation;

- 2. Authorization is required each time the client casts the screen: When the

11.6 Anti-Mirroring

- Touch control of anti-mirror device: This option can set whether the client can reverse control the interface content of the receiving end when the interface of the receiving end is mirrored.

- Anti-mirror touch type: You can set the general or operation uinput node (you need to have the read and write permission of the uinput node).

- Request annotation authorization type: There are three options

- 1, the client is not allowed to comment, in this case, the anti-mirror cannot comment;

- 2, free comment, do not need to request permission to comment;

- 3, every time you need to request permission to comment.

- Number of clients annotating at the same time: The number of clients annotating at the same time can be set. The default is 1.

11.7 More transmission

- Maximum number of receiving ends: When the receiving end is used as the host, a maximum of 2 (default 2) extensions are allowed to connect to the receiving end.

- Set the minimum bit rate in poor network condition: 150KB, 200KB, 250KB, 300KB.

- Multi-transmission Multi-receiver list: Click to configure the multi-to-many receiver list, you can join the same LAN or extension connected to the hot spot of the receiving end. After the extension is connected, when the receiving end (host) transmits the screen, the picture and sound will be forwarded to the extension simultaneously.

11.8 Screen casting code

- Client discoverable service: If you need to use the function of screen projection code, you need to turn on this option, and the client in the same LAN can discover the server.

- Screen projection code function: Open this option, you can use the function of screen projection code, each screen transmission client can directly connect with the receiver through the screen projection code, to solve the problem that the receiver can not find across the network segment and too many devices are not easy to find.

- Enable the Pin code to move at the top of the screen: After opening, long press the left mouse button to drag the screen code
- Screen code type:
 1. Serverless, applicable to the LAN where there are few devices and the network structure is not complex, and no public network connection is required.
 2. The server type is applicable to the scenario where there are many devices on the LAN and the network structure is complex, and the network needs to be connected to the public network.
- Display the projection code
 - 1, hide, not display screen code at the top of the screen;
 - 2, always show the screen code at the top of the screen;
 3. When there is no device in the screen, it is displayed at the top of the screen, and when there is a device in the screen, it is hidden;
 - 4, only when there is a device projection screen will display the screen code.

11.9 Miracast

- Enable Miracast: Disabled by default.
- Miracast resolution: Default 720P, optional 1080P.

12.Pairing function

When the device/box (device equipped with receiver software) is connected to the Internet, the receiver software will be automatically updated according to the background update. If the firmware version of the transmitter screen transmitter is found to be lower than the firmware version of the device/box (device equipped with receiver software), a message will pop up on the screen transmission terminal of the computer indicating that the version does not match, please upgrade. In this case, you need to insert the USB button into the USB port of the device to upgrade and synchronize the version.

12.1 Pairing in Hotspot Mode

Connect the transmitting end screen transmitter to the USB port of the whole machine/box (device equipped with receiving end software), which will automatically pair, after pairing, directly connect the transmitting end screen transmitter to the laptop computer to realize screen transmission.

After the pairing is successful, connect the screen transmitter to the USB port of the computer and wait for a few seconds to easily transfer the screen with one click.

12.2 Networking Mode Pairing

Click the general Settings in the upper right corner of the heart screen software, click the manual pairing projector function of the configuration program in the left list, enter the network SSID of the local wireless LAN, password, IP information assigned to the receiver, click Generate configuration, you can generate pairing information, stay on the current interface to access the USB screen transmitter for pairing. After the pairing is successful, you can access the computer screen transfer.

12.3 Matching the use of cameras

Dear customer, in order to ensure the complete adaptation of the camera, please check and upgrade the driver to the latest version as soon as you are connected to the Internet.

13.FCC Statement

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
2. This device must accept any interference received, including interference that may cause undesired operation. Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

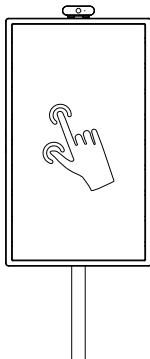
This device will not cause harmful interference:

This device must accept any interference received, including interference that may cause undesired operation

This product complies with the essential requirements of European safety regulations and has passed the product safety conformity assessment procedure. It also has a manufacturer's declaration of conformity to ensure that every product delivered to the customer is safe.



14.Pushbuttons description



Touch

Adopt INCELL full HD ten-point capacitive touch LCD screen.

To keep the screen clean, make sure it is clean.

△ Note:

the battery recharge from 1% to 95% above for about 6 hours at the device using the battery recharge from 0% to more than 95% for about 4 hours after the device was shutdown and the battery life of the equipment is about 2.5 hours after being fully charged. The service time of the product increases, and the battery life decrease proportionally.

In order to prolong the service life of the battery, it is recommended to charge the battery after using it for a period of time. After the battery is full, unplug the charger.

Do not keep the battery fully charged all the time, and the battery cannot be charged in the extreme environment.

※ The standard operating times in the instruction manual are based on our laboratory test data; actual times may vary depending on the conditions of use. Actual times may vary depending on the conditions of use.

△ Note: Users are strictly prohibited from replacing or disassembling the battery pack to avoid the risk of explosion caused by improper installation or by using the wrong type of battery. If necessary, please contact the official customer service to deal with related issues.

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed of at the end of its life separately from your household waste. There are separate collection systems for recycling in your country. For more information, please contact the local authority or your retailer where you purchased the product.



