User Manual

ZK-IWB Series

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English

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speed limits (iii) in case of operation of the machine and equipment in conditions

different from those prescribed in the manual.

The product will be updated from time to time without notice. The last

operating procedures and relevant documents are available at

http://www.zkteco.com

If there is any problem related to the product, please contact us.

Sede ZKTeco

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For business related inquiries, please write to us asales@zkteco.com .

To learn more about our global branches, visit www.zkteco.com

About the company

ZKTeco is one of the world's largest manufacturers of RFID and biometric readers (fingerprints).

digital, facial, venous). Product offerings include readers and control panels of

access, near and far range facial recognition cameras, access controllers to

elevators/floors, turnstiles, gate controllers with license plate recognition (LPR) and

consumer products including face and fingerprint reader door locks that

battery operated. Our security solutions are multilingual and located in more than

of 18 different languages. In state-of-the-art, certified manufacturing facility

ISO9001 of 700,000 square feet of ZKTeco, we control manufacturing, product design,

component assembly and logistics/shipping all under one roof.

The founders of ZKTeco have decided on research and development

independent of biometric verification procedures and the production of

Biometric verification SDK, which was initially widely applied in the

fields of PC security and identity authentication. With continuous improvement

development and many market applications, the team has built

gradually an ecosystem of identity authentication and an ecosystem of

intelligent security, which are based on biometric verification techniques. With

years of experience in the industrialization of biometric verifications, ZKTeco

officially established in 2007 and now has been one of the leading companies globally

world leader in the biometric verification industry, holds several patents and has been

selected as a National High Technology Company for 6 years

consecutive.

About the Handbook

This manual introduces the operations of the ZK-IWB series.

All figures shown are for illustrative purposes only. The figures in this manual may not

exactly match the actual products.

Document conventions

The conventions used in this manual are listed below:

GUI conventions

for software	
Convention	**Description**
Bold font	Used to identify software interface names, for example, OK, Confirm, Cancel.
>	**Multi-level menus are separated by these brackets. For example, File > Create > Folder.**
for device	
Convention	**Description**
< >	Button or key names for devices. For example, press <OK>.
[ ]	**The names of the windows, the menu items, the data table, and the Field names are in square brackets. For example, open the window [New Username].**
/	**Multi-level menus are separated by forward slashes. For example, [File/Create/Folder].**

symbols

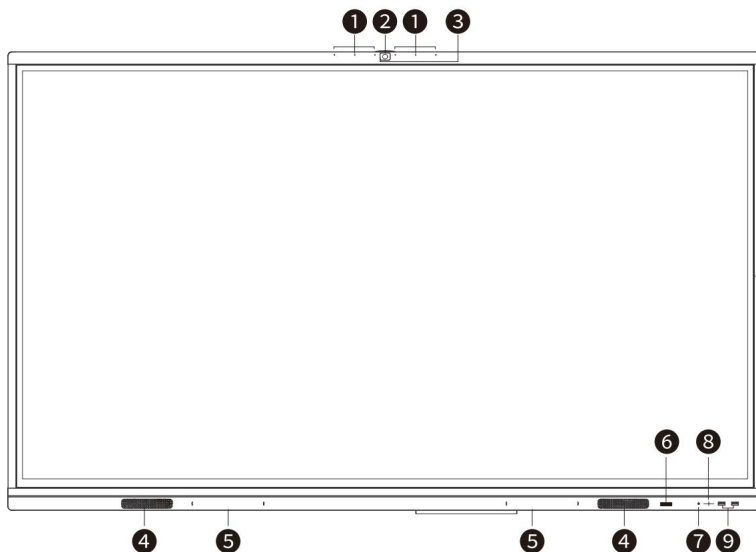| Convention	Description
	This represents a note to which more attention should be paid.
	General information that helps you perform operations faster.
	Information that is significant.
	Be careful to avoid dangers or mistakes.
	The statement or event that warns of something or serves as an example of a warning.

Table of Contents

1Overview

ZK-IWB series intelligent conference tablet sets the main functions

required in the three main conferencing scenarios of writing, viewing, and

collaboration, not only breaking the traditional way of conference discussion, but

also promoting a new form of efficient and collaborative office. behind the flourishing

conference tablet market is in great need of countless

companies that urgently want to carry out a digital and intelligent transformation and promote

digitization of office space, as well as the opportunity brought by new changes

in the corporate office habits and communication methods in the post-incorporation stage

epidemic. era, in which the ZK-IWB series has won the favor of the market with its strong guarantee

quality and knowledge of customer needs as the core.

1.1 Features

1. Convenient for virtual meetings: Integrated 8-megapixel HD camera and

   6 array microphone with 8 meter pickup distance, providing clear audio

   and video experiences.

2. Smart Whiteboard Software: Easy to use, more efficient and creative.

3. 4K Ultra HD screen and infrared touch: Improved image sharpness and

   Simultaneous typing and commenting without getting dirty.

4. Collaborative Presentations: Real-time screen sharing between devices

   with wireless software.

5. Dual OS: Built-in Android and Windows system (Optional); able to

   installation of multiple programs.

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1.2 Appearance

No.	Description
1	microphones
2	**Camera**
3	Camera operation status indicator
4	Spokesman
5	Feather adsorption area
6	Power button, lightly press to enter power saving mode, long press pressed for at least 2 seconds to enter standby mode
7	Light sensor
8	remote control reception
9	USB

Machine Translated by Google

1.3 Dimension

The ZK-IWB Series is available in three different dimensions:
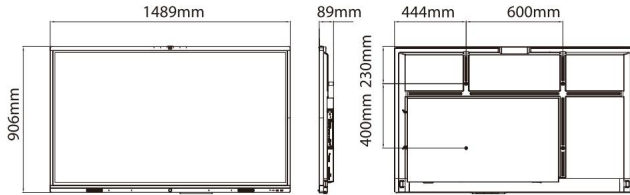
ZK-IWB65B(S)

ZK-IWB75B(S)

ZK-IWB86B(S)

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2 terminal block

The terminal blocks are located on the side of the device, and the rich terminal interface allows you to

It provides the device with powerful functions to meet different needs.

Note: The number and type of device ports are subject to the actual product,

and the description in this manual is just an example.

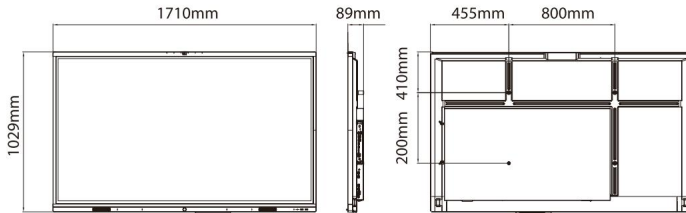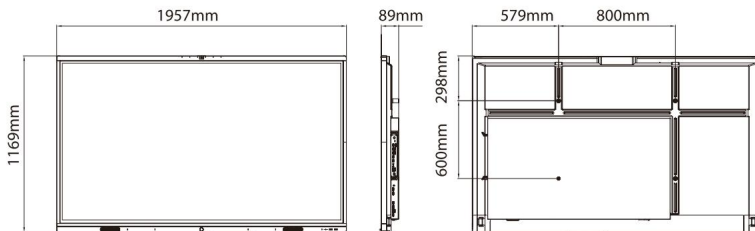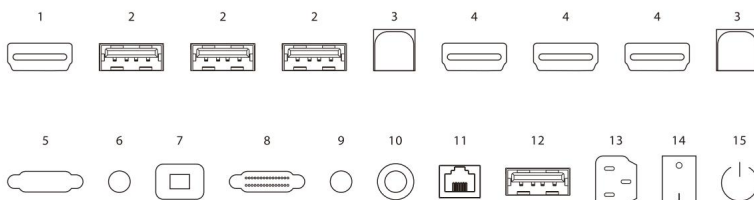| No.	Articles	Description
1	HD OUTPUT	HD signal can be output via HD cable.
2	USB3.0	It is used to connect external storage devices, such as USB keyboards, U disks and mobile hard drives.
3	TOUCH	It can be used for external devices to connect to ZK-IWB series to enable touch.
4	HD INPUT	Simultaneous input of signals from external devices via one HD cable to realize the dual display of the local unit with external monitor.
5	vga	It can be used to connect to a computer.
6	AUDIO IN	Connect to the audio input interface of the computer.
7	SPDIF	It can be used to connect an audio device.
8	RS232	Used to connect external devices that can use the RS232 interface.
9	AUDIO OUTPUT	Connect to the computer's audio output interface.

Machine Translated by Google

10 WIFI ANTENNA Improves the wireless network signal.		
11	**AND**	**It is used to connect LAN and WAN.**
12	**USB2.0**	**It is used to connect external storage devices, such as USB keyboards, U disks, and mobile hard drives.**
13	electricity plugs	AC power input, connected to AC power.
14	boat switch	**The power switch is used to turn ON and OFF AC power to the entire device. "I" stands for power-OVER state, and "O" means power-OFF Express.**
15	ON*	**Fold ON or OFF the OPS computer.** **Note: Not all products have the function with OPS, the actual product shall prevail.**

2.1 HD output connection

Connection instructions:

1. Connect the display device with HD input with HD cable.

2. **After connecting the cable, plug in the power cable and turn on the boat** change.

3. Lightly press the power button, the device is on.

4. HD signal output to display device.

2.2 HD-IN connection

Connection instructions:

1.   **HD signal output to display device.**

2.   **After connecting the cable, plug in the power cable and turn on the boat**

   change.

3.   **Lightly press the power button, the device is on.**

4. **Change the input source to HD channel on the main interface.**

DVD player or other
HD output device
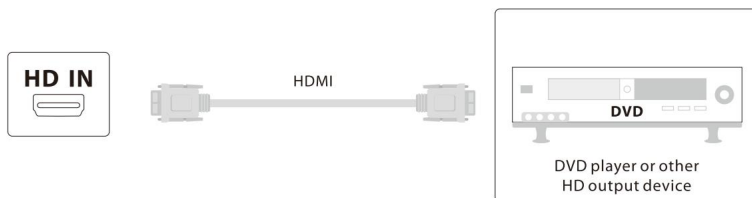
2.3 USB port

With multiple USB 3.0 or USB 2.0, it can support connecting multiple devices

USB at the same time.

USB device
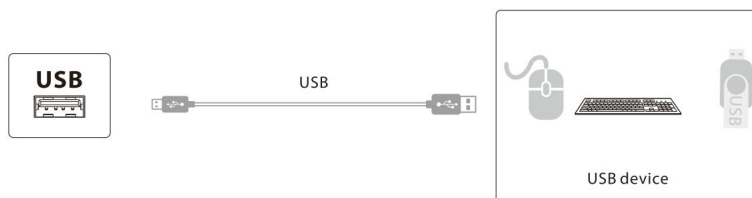
2.4   Network signal input

The device provides a super category 6 network interface, a speed of 1000 Mbps, a

Stronger anti-interference ability and more stable transmission.
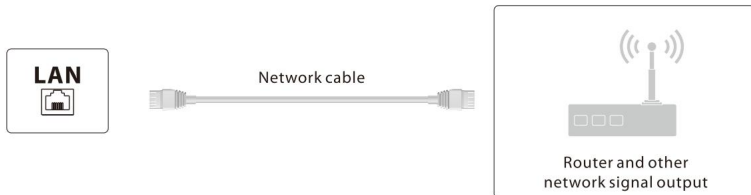
2.5   Audio signal input or output

Audio interface for connecting headphones, microphones, and other audio devices audio.

2.6   RS232 device connection

Machine Translated by Google

2.7 External and touch computer Connection

Connection instructions:

1. Connect the USB port of the touch cable to the USB port of the external device computer, and the TOUCH port of the touch cable to the TOUCH1 port of the device.

2. Use the HD cable to connect the HD1 or HD2 interface of the device, and then connect the HD interface of the external computer.

3. After connecting the cable, plug in the power cable and turn on the boat change.

4. Start the external computer.

5. Lightly press the power button, the device is on.

6. Change to the HD channel.
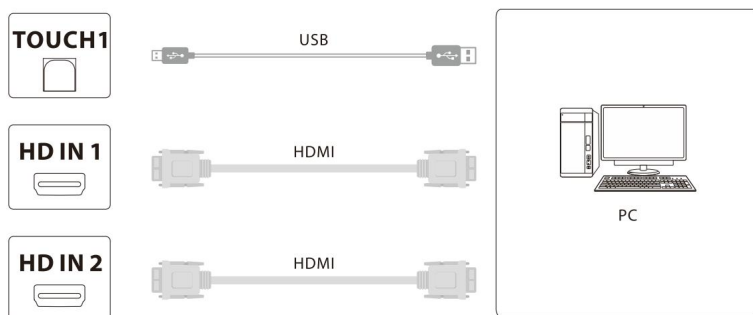
Once you finish connecting a combination computer and touch set, you also you can connect another set of computer and touch combination.

Connection instructions:

1. Connect the USB port of the touch cable to the USB port of the external device

    computer, and the TOUCH port of the touch cable to the TOUCH2 port of

    the device.

2. Use the HD cable to connect the HD3 or VGA interface of the device, and

    then connect the HD or VGA interface of the external computer.

3.   **After connecting the cable, plug in the power cable and turn on the boat**

    change.

4.   **Start the external computer.**

5.   **Lightly press the power button, the device is on.**

6.   **If the connection is HD interface it will switch to HD channel,**

    connected to the VGA interface will change the VGA channel

TOUCH2	USB	
AUDIO IN	Audio cable	
VGA	VGA	PC
HD IN 3	HDMI	
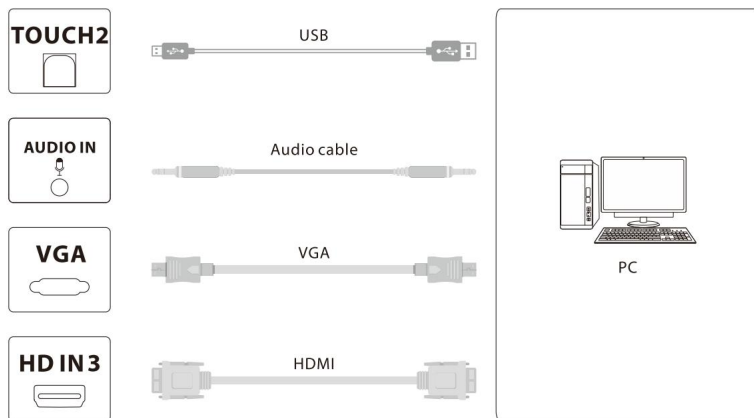
2.8 **Pluggable Built-in Configuration**

Computer OPS (optional)

· **UPC:Intel I3/I5/I7**

· **Chipset: Intel chipset**

· **Memory: 2G/4G DDR3; the base plate supports up to 16G DDR3**

· **Hard Drive: 2.5 inch 120G/500G/1TB**

· **Graphics Card: High-performance integrated/independent graphics card**

  Graphic card

· **Screen Resolution: 1920*1080/3840*2160**

· **Sistema operativo:Windows7/Windows8/Windows10**

· **Interfaz:USB3.0 X2, USB2.0 X4, RJ45 X1, Salida HD X1, Salida VGA X1,**

  Audio Out X1, Audio In X1, RS232 X1

Note: Not all products have the function with OPS, the actual product shall prevail.

Machine Translated by Google

3Menu operations

3.1 main interface

Once the device has been successfully connected, the following screen is displayed:

- Click on the apps icon with the magnetic pen, Settings, File Explorer and

  other applications in this menu.

- **The setup menu is divided into five sections: Wireless Network,**

  Share, Devices, Personal and System.

3.2 Wireless and network settings

Click [Wireless Network] on the Settings interface, you can set Wi-Fi, Ethernet,

wireless hotspot and bluetooth. Select the corresponding network

method and enable or disable the network connection by clicking the

icon.
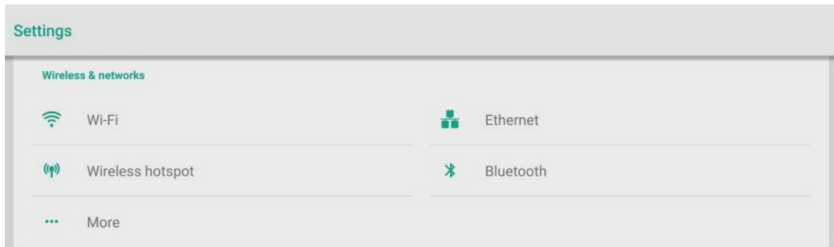
3.3 Share settings

Click [Share]ÿ[SAMBA Service] on the Settings interface. File resources can be

share using the SAMBA sharing service.
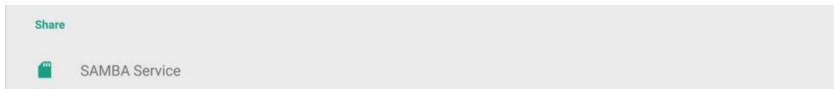
3.4 device configuration

Click [Device] on the Settings interface. You can set the display and volume of the

device, browse device storage and installed apps, and uninstall

the installed applications.
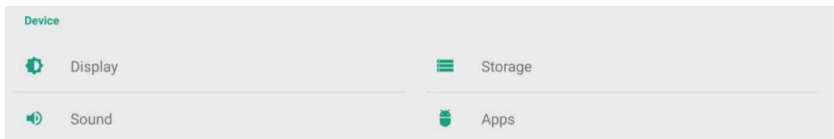
3.5 personal settings

Click [Personal] on the Settings interface. You can set security, language and input,

startup and shutdown, password, input settings and other device settings.

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Personal		
🛡 Security		🌐 Languages & input
⏻ Startup & shutdown		🔒 Password
🖥 Input Setting		⊘ Other Settings
⦿ Device		
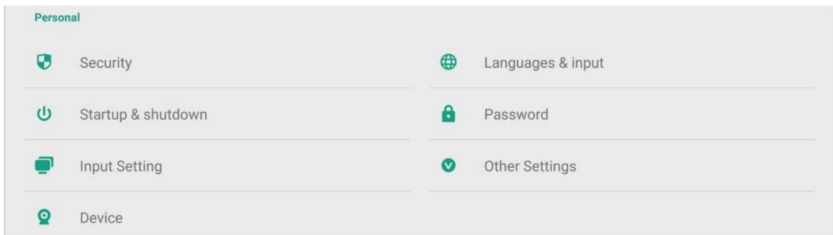
3.6 System settings

Click [System] on the Settings interface. You can set the date and time, the options of

developer and system upgrade.

System		
🕐 Date & Time		{ } Developer options
ⓘ About device		✿ System Settings
⟳ System Update		

Machine Translated by Google
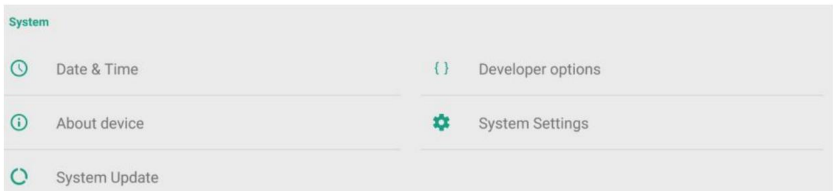
4package

The package consists of the following elements:

Articles
ZK-IWB X1
power cord X1
X2 Magnetic Stylus
User Manual X1

<u>Appendix</u>

Security warning

Placement

- Do not place heavy objects on the device.

- Do not insert any object inside the device.

- Do not place the device next to a device that emits strong radiation. Nope

- Place the device in a damp area or where liquid is dripping.

- Do not place the device in an area that is unstable, prone to tipping or falling.

- Do not place the device near direct sunlight or other sources of strong light.

Power supply

- Please unplug the power cord when there is lightning and flickering. Do not expose the wire

- power supply to physical or mechanical damage. Check and make sure that the ground connection

- of the AC power cord is connected.

- Please use the special power cord, do not modify or extend the power cord.

  feeding.

- Unplug the power supply when the room is unoccupied or not in use for

  a long time.

- Check and make sure the nameplate voltage value on the

  rear case and the value of the main supply voltage.

Screen

- Contact the service center to clean the inside of the

- device. Unplug power supply when required

- cleaning. Clean the screen with a soft, dust-free and dry cloth. Nope

- clean the screen with water or spray cleaners.

- Do not leave a high brightness screen for a long time.

· Do not use hard or sharp objects to write on the screen.

Temperature

· **The normal working temperature of the device is from 0° to 40°C.**

· **Do not place the device near objects that generate heat, such as heaters or radiators electrical or other sources of heat.**

· **When the device moves from the low temperature area to the high temperature area temperature, so that condensation inside the device is emitted by complete, leave it for a period of time before turning on the device.**

Humidity

· **Do not expose the device to rain, moisture or near water.**

· **Keep the room dry and cool, and the device's normal operating humidity is 10% to 90% RH.**

Ventilation

· **Place the device in a ventilated place to ensure good heat dissipation from the device.**

· **Make sure the entire device is ventilated to the left, right, and 10cm behind and 20cm below above the top.**

Support

Standby button on the body allows the device to be in standby mode and it doesn't turn it off completely.

Drums

· **Waste batteries after use of this device should be disposed of and recycled properly.**

· **Please do not let children touch the battery and do not put the battery into fire to avoid danger.**

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cleaning requirements

This product has heat dissipation holes on the back case, please do not spray or pour liquid directly on the back case part when cleaning or use a damp cloth to clean.

Switch state description

The product mechanical switch "I" indicates the on state, "O" indicates the off state.

maintenance precautions

- Seek professional service personnel for all repairs.
- If the equipment is damaged, such as the power cord or plug, it spills liquid or objects have fallen into the equipment, the equipment is wet or humid, or not malfunctions or falls to the ground, call the service hotline. for the repair, do not disassemble the device yourself for maintenance.

Frequently asked questions

1. Why does the screen often get foggy?

To ensure the safety of the screen, this product adds a layer of glass tempered on the outside of the screen, and to ensure heat dissipation, it must there should be a certain space between the two, which is used to reserve air channels for the air. convection. The main reason for fog is the temperature difference between the display and the outdoor temperature, the hot air meets the highest temperature Reduced condensation on the glass surface, resulting in water mist. The water mist does not affect normal use, generally after a few hours of use, the fog will slowly evaporate and disappear.

2. Why are device startup times different in different meeting rooms? conferences?

> In general, the slow boot phenomenon will occur when the external U disk, access Internet poison the device, the hard disk space is occupied or the disk of the system is damaged. You can call our service hotline, engineers professionals will judge and guide to solve the problem remotely.

3. No sound from external portable devices?

> If the VGA line connection, only the image transmission, you need to re-connect audio line; The same only connect the audio line and not can output sound, you need to connect the VGA line to identify the VGA channel or you can choose HD line connection.

4. Is it normal to feel the screen overheat after a period of use? Is there a bad effect?

> Screen body heat is normal, just like the TV at home, there will be no effects adverse. At present, the heat dissipation design of our entire device is leading in the industry and is the industry standard maker, which is in line with the international health standards.

5. Will long-term use hurt the eyes?

> Recognition of blinking by the human eye is 50 Hz. 50 Hz below the eye human will be able to detect, the eye muscles are constantly adjusting to accommodate the flicker caused by eye strain, this product uses 60Hz and 120Hz LCD, so screen flicker is not actually felt by the human eye, compared to others products of the same type to a great extent to reduce eye fatigue.

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Simple troubleshooting

Auto power off

- If the sleep function is activated, please refer to the general computer check items to solve problems.
- Check the channel where the input source is, no signal will lead to the auto power off.
- Check the stability of the power supply.

Indicator light does not come on

- Check if the power supply is normal;
- Check if the boat switch of the conference tablet is open.

Missing color in the image, color anomalies

If you use an external computer, please check if the VGA/HD cable is not connected correctly or if is damaged.

Display screen is not full or out of range

- Check that the resolution is the optimal 16:9 resolution. Yes
- use an external computer, connect the VGA/HD cable.

The device has a picture without sound.

- Try adjusting the volume.
- If the conference level uses an external computer, check if the audio cable is connected. connected correctly.

Touch positioning inaccuracy

- Check if the touch pen or fingers touch the screen vertically at 90 degrees.
- Check if other objects are touching the screen, such as small strips of paper, sleeves.

Touch function is invalid

If the conference tablet uses an external computer, check if the input touch cable is

external contact is connected correctly.

Maintenance

easy maintenance

1. Correct maintenance and care can prevent some simple failures.

2. Regular and careful cleaning can keep the device looking good and

   operating condition.

3. Please unplug the power supply before cleaning and maintenance to avoid

   electric shock.

screen cleaning

1. Mix a small amount of fabric softener or detergent with warm water and stir

   good.

2. Use a soft cloth to completely soak in this mixture.

3. Wring out a soft cloth and wipe the entire screen.

4. Repeated cleaning (be careful not to leave drops of water inside the device

   while cleaning) will complete the cleaning procedure.

wipe face frame

Use a dry, soft, lint-free cloth or towel to clean.

Leaving the device for a long time or not using it

When you leave the device for a long time or do not use it, be sure to unplug it and

disconnect the power supply to avoid damage to the device due to fluctuations

external energy, such as lightning.

ecological operation

	The "eco-operating period" of the product refers to the time during which the product The product will not discharge toxic or hazardous substances when used in accordance with with the prerequisites in this manual. The eco-run period specified for this product does not include batteries. or other components that wear easily and need to be replaced periodically. The The period of ecological operation of the battery is 5 years.

Dangerous or toxic substances and their amounts					

Component Name	Hazardous/Toxic Substance/Element					
	Lead (Pb)	Mercury (Hg)	Cadmium (CD)	hexavalente Chrome (Cr6+)	polybromination biphenyls (PB)	polybromination diphenyl ethers (PBDE)
Show	×	•	•	•	•	•
Accommodation	•	•	•	•	•	•
Circuit board Components*	×	•	•	•	•	•
Energy Y Connection Cable Cable	×	•	•	•	•	•

metal parts	•	•	•	•	•	•
packaging Materials*	•	•	•	•	•	•
Remote Control	×	•	•	•	•	•
Spokesman	×	•	•	•	•	•
Attachments	•	•	•	•	•	•

• indicates that the total amount of toxic content in all homogeneous materials is below the limit as

specified in SJ/T 11363—2006.

× indicates that the total amount of toxic content in all homogeneous materials exceeds the limit as

specified in SJ/T 11363—2006.

Note: 80% of the components of this product are made of non-toxic and ecological materials. The

Components that contain toxins or harmful elements are included due to the current economic or technical situation.

limitations that prevent their substitution by non-toxic materials or elements.

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