



# HUAWEI ETS3023

---

## Fixed Wireless Terminal



**Copyright © Huawei Technologies Co., Ltd. 2009. All rights reserved.**

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

The product described in this manual may include copyrighted software of Huawei Technologies Co., Ltd and possible licensors. Customers shall not in any manner reproduce, distribute, modify, decompile, disassemble, decrypt, extract, reverse engineer, lease, assign, or sublicense the said software, unless such restrictions are prohibited by applicable laws or such actions are approved by respective copyright holders under licenses.

## **Trademarks and Permissions**



HUAWEI, HUAWEI, and



are trademarks or registered trademarks of Huawei Technologies Co., Ltd.

Other trademarks, product, service and company names mentioned are the property of their respective owners.

## **Notice**

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and may not be activated or may be limited by local network operators or network service providers. Thus the descriptions herein may not exactly match the product or its accessories you purchase.

Huawei Technologies Co., Ltd reserves the right to change or modify any information or specifications contained in this manual without prior notice or obligation.

## **NO WARRANTY**

THE CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO CASE SHALL HUAWEI TECHNOLOGIES CO., LTD BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOST PROFITS, BUSINESS, REVENUE, DATA, GOODWILL OR ANTICIPATED SAVINGS.

## **Import and Export Regulations**

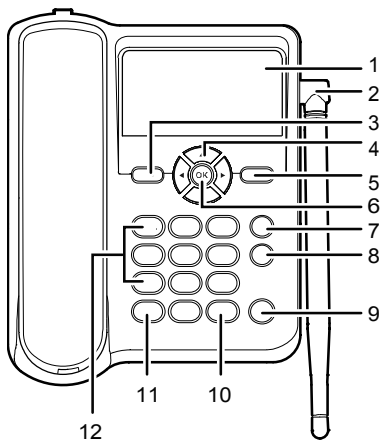
Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

## Packing List

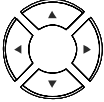






The Fixed Wireless Terminal (hereinafter referred to as FWT) package box contains the following items. If any of the items is lost or damaged, contact your local dealer.

- Main unit, handset, and coiled cord
- Power adapter
- Battery
- Antenna (optional)
- Certificate of Quality
- User Guide







## Your Fixed Wireless Terminal




No.	Item	Description
1	Display Screen	Display information
2	Indoor antenna	Receive signals
3	<b>Left soft key</b>	<ul style="list-style-type: none"><li>• Access the main menu in standby mode.</li><li>• Select the option displayed on the lower left corner of the screen.</li><li>• Answer a call.</li></ul>

No.	Item	Description
4	Scroll keys 	<ul style="list-style-type: none"> <li>• Access the shortcut screen in standby mode.</li> <li>• Adjust the volume during a call.</li> </ul>
5	<b>Right soft key</b>	<ul style="list-style-type: none"> <li>• Access the phone book screen in standby mode.</li> <li>• Select the option displayed on the lower right corner of the screen.</li> </ul>
6	<b>OK key</b> 	<ul style="list-style-type: none"> <li>• Access the main menu in standby mode.</li> <li>• Select the option displayed on the lower left corner of the display screen.</li> </ul>
7	End key 	<ul style="list-style-type: none"> <li>• End a call or reject an incoming call.</li> <li>• Power on or off the FWT (by pressing and holding it).</li> <li>• Return to the standby mode.</li> </ul>
8	Hands-free key 	<ul style="list-style-type: none"> <li>• Make or answer a call without lifting the handset.</li> <li>• Cancel the dialing, when dialing a number in the hands-free mode.</li> <li>• End the current call during a call in the hands-free mode.</li> </ul>
9	Call/Redial key 	<ul style="list-style-type: none"> <li>• Make or answer a call.</li> <li>• View the call history in standby mode.</li> </ul>
10	# key 	<ul style="list-style-type: none"> <li>• Enter the "#".</li> <li>• Switch between different input methods in the edit mode.</li> </ul>
11	* key 	<ul style="list-style-type: none"> <li>• Enter the "*".</li> <li>• Display a symbol list in the edit mode.</li> </ul>
12	Number keys	<ul style="list-style-type: none"> <li>• Press keys 0–9 to enter numbers or characters.</li> <li>• Press and hold a key to speed dial a phone number in standby mode.</li> </ul>

## Screen Icons


Icon	Description	Icon	Description
	Network signal strength		Calling / No service
	Alarm clock is on		Hands-free mode
	Message received		Powered by power adapter

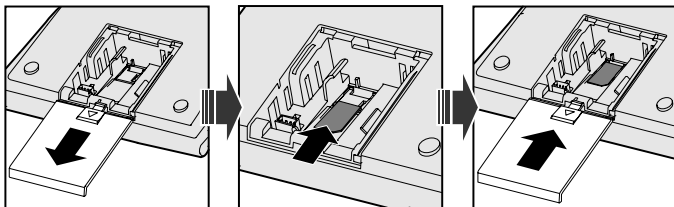
Icon	Description	Icon	Description
	Voice message received		Battery power level

## Installing SIM Card

### Caution:

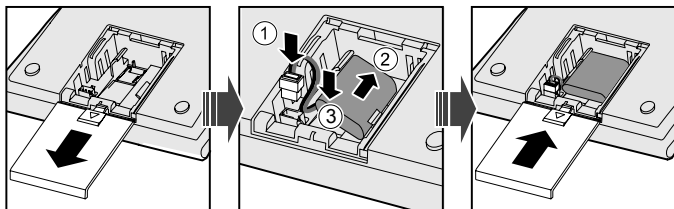
The SIM card and its golden contact can be easily damaged by a scratch or bend. Be careful when installing or removing the SIM card.

Press and hold  to power off your FWT and then disconnect it from the power socket. Install the SIM card according to the following figure. Make sure that the golden contact of the SIM card is facing downwards.



## Installing Battery


Before installing battery, make sure the FWT is off and then disconnect the FWT from the power socket. When installing battery, make sure that the battery cord plug matches the battery jack. Do not insert conversely.

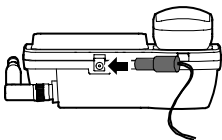


### Note

- Remove the battery if the FWT is left unused for a long period.
- If the battery has not been used for a long time or the battery is exhausted, the screen of the FWT may not function when you charge the battery again. This is normal. After the battery is being charged for a while, you can power on the FWT for use.

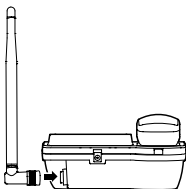
## Installing the Power Adapter

Press and hold  to power off your FWT. Connect the power adapter to the FWT, and plug it to the power socket.



## Installing the Indoor Antenna

Power off your FWT and disconnect the FWT from the power socket. Then connect the indoor antenna to the antenna jack on the main unit. Make sure that the antenna is stably connected to the antenna jack.








## Menu Tree

<b>Messages</b> <ol style="list-style-type: none"><li>1. Write</li><li>2. Inbox</li><li>3. Outbox</li><li>4. Draft</li><li>5. VoiceMail</li><li>6. Settings</li><li>7. Memory Status</li></ol>		<b>Phone Book</b> <ol style="list-style-type: none"><li>1. Name List</li><li>2. Add New</li><li>3. Speed Dials</li><li>4. Memory Status</li></ol>		<b>Call History</b> <ol style="list-style-type: none"><li>1. Missed Calls</li><li>2. Answered Calls</li><li>3. Outgoing Calls</li></ol>
<b>Applications</b> <ol style="list-style-type: none"><li>1. Alarm</li></ol>		<b>Phone Settings</b> <ol style="list-style-type: none"><li>1. Profiles</li><li>2. Auto Dial</li><li>3. Time &amp; Date</li><li>4. Languages</li><li>5. Network Service</li><li>6. Security</li><li>7. Version</li><li>8. Key Guard</li><li>9. Safe Code</li></ol>		

## Using the Function Menu

---

1. In standby mode, press **Left soft key** to display the main menu.
2. Press   to scroll in the menu.
3. Press **Left soft key** to display submenu.
4. Access the submenu in either of the ways:
  - Press   to scroll to a submenu item and press **Left soft key** to access it.
  - Press the number key corresponding to the number of a submenu to access it.
5. Press **Right soft key** to return to the previous menu or return to the home screen.
6. Press  to return to the standby mode.

## Making a Call




---

1. In standby mode, enter a phone number.

2. Press  to dial the number.




3. Press  to end the call.

### Note

- In standby mode, press  to view the call history. Select a record and press  to dial this number.
- Select a contact from Phone Book and press  to call this contact.

## Answering/Rejecting a Call

---

When there is an incoming call, you can lift the handset, press  ,  or **Left soft key** to answer it, or press  to reject it.

## PIN and PUK


---

The personal identity number (PIN) protects your SIM card from unauthorized use. The PIN unblocking key (PUK) can unblock the blocked PIN. Both the PIN and PUK are delivered with the SIM card. For details, consult your service provider.

## Changing the Text Input Modes

---

The indicator of the current text input mode is displayed on the screen. In the editing mode, press

 to change the input mode .

In the editing mode, press **Right soft key** once to delete the letter on the left of the cursor. Press and hold **Right soft key** to delete all the entered letters.

## Entering Letters





---

In the "ABC" and "abc" input mode, you can enter letters.

You can press the number key labeled with desired letters once to enter the first letter on the key, twice to enter the second letter on the key, and by analogy.

If the letter you want to enter is on the same key as the previous one, you can enter the letter only after the cursor appears again or after you move the cursor to the next space.

## Note

- Press  once to enter a space; press  repeatedly to enter a commonly-used symbol.
- Press  repeatedly to enter a commonly-used symbol.
- Press  to display the symbol list.


## Entering Numbers

---

1. In the "123" input mode, press a key labeled with the desired number.
2. In the "ABC" or "abc" input mode, press a key continuously until the desired number appears on the screen.

## Entering Symbols

---

1. In any input mode, press  to display the symbol list.
2. Press scroll keys to select the symbol.
3. Press **Left soft key** to enter a symbol.

## Supplementary Services

---

Supplementary services are network dependent. For details, consult your service provider.

## Troubleshooting

---

**The display screen does not turn on after the FWT is powered on (the FWT is not connected to the power adapter).**

1. Make sure that the battery is installed.
2. The battery level is low. Connect the FWT to the power adapter.



### **The display screen does not turn on after the FWT is powered on (the FWT is connected to the power adapter).**

1. The voltage output of the power adapter does not meet the requirement of the FWT. Check whether the AC input is normal and the power adapter is the approved one.
2. The external voltage of the power adapter is low or unstable; disrupting the normal functioning of the FWT. Check whether the external voltage of the power adapter is normal. You can also install the battery in the FWT.

### **There is no signal icon on the display screen.**

1. Make sure that the antenna is installed properly.
2. If there is still no signal, contact your service provider to check whether the FWT is in the signal coverage area.

### **After the FWT is powered off, there is no display sometimes while sometimes there is power supply icon and blinking battery icon.**

No information on the display screen is a normal status of FWT after power-off. The power supply icon and a blinking battery icon indicate that the battery is being charged.

### **There is the ring tone after the busy tone.**

The ring tone indicates that there is an incoming call. If you are not in a call, you can answer the call.

### **After lifting the handset, there is a ring tone when you are ready to dial or are dialing a phone number.**

It indicates that there is an incoming call. If you are not in a conversation, you can answer the call.

### **There is only the battery icon on the display screen.**

It indicates that the FWT is powered by the battery. If the FWT is powered solely by the battery and the battery icon is blinking without any bar inside, it indicates that the battery level is low. Use the power adapter to charge the battery or replace the battery.

## **Warnings and Precautions**

---

This section contains important information pertaining to the operating instructions of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

### **Electronic Device**

Power off your device if using the device is prohibited. Do not use the device when using the device causes danger or interference with electronic devices.

### **Medical Device**

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device when using the device is prohibited.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If you are using a pacemaker, use the device on the opposite side of the pacemaker and do not carry the device in your front pocket.
- Some wireless devices may affect the performance of hearing aids. For any such problems, consult your service provider.

## Potentially Explosive Atmosphere

Power off your device in any area with a potentially explosive atmosphere, and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where you would normally be advised to turn off your vehicle engine. Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even deaths. Do not power on your device at refueling points such as service stations. Comply with restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using the device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

## Traffic Security

- Do not use your device while driving, and observe the local laws and regulations.
- Do not use your device while flying in an aircraft. Power off your device before boarding an aircraft. Using wireless devices in an aircraft may cause danger to the operation of the aircraft and disrupt the wireless telephone network. It may also be considered illegal.

## Operating Environment

- Do not use or charge the device in dusty, damp, and dirty places or places with magnetic fields. Otherwise, it may result in a malfunction of the circuit.
- On a stormy day with thunder, do not use your device, to prevent any danger caused by lightning.
- When you are on a call, do not touch the antenna. Touching the antenna affects the call quality and results in increase in power consumption. As a result, the talk time and the standby time are reduced.
- Use accessories authorized by the manufacturer. Using unauthorized accessories will render the warranty null and void.
- Because the device needs to disperse heat during working, place the device and the power supply in a ventilated and shady place. Never cover the device, put objects on it, or place it near water, fire as well as inflammable and explosive materials.
- The antenna(s) used for this transmitter must be installed by keeping a minimum distance of 20 cm from all persons.
- Keep the ambient temperature between -10°C and 45°C while the device is being charged. Keep the ambient temperature between -10°C to 55°C for using the device powered by a battery.

## Safety of Children

Comply with all precautions with regard to children's safety. Letting the child play with your device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and accessories.

## Accessories

Use the accessories delivered only by the manufacturer. Using accessories of other manufacturers or vendors with this device model may invalidate any approval or warranty applicable to the device, result in the non-operation of the device, and cause danger.

## Battery and Charger

- Unplug the charger from the electrical plug and the device when not in use.

- Do not connect two poles of the battery with conductors, such as metal materials, keys, or jewelries. Otherwise, the battery may be short-circuited and may cause injuries and burns on your body.
- Do not disassemble the battery or solder the battery poles. Otherwise, it may lead to electrolyte leakage, overheating, fire, or explosion.
- If battery electrolyte leaks out, ensure that the electrolyte does not touch your skin and eyes. When the electrolyte touches your skin or splashes into your eyes, wash your eyes with clean water immediately and consult a doctor.
- If there is a case of battery deformation, color change, or abnormal heating while you charge or store the battery, remove the battery immediately and stop using it. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using the cable at once. Otherwise, it may lead to an electric shock, a short circuit of the charger, or a fire.
- Do not dispose of batteries in fire as they may explode. Batteries may also explode if damaged.

## Cleaning and Maintenance

- The device, battery, and charger are not water-resistant. Keep them dry. Protect the device, battery, and charger from water or vapor. Do not touch the device or the charger with a wet hand. Otherwise, it may lead to a short circuit, a malfunction of the device, and an electric shock to the user.
- Do not place your device, battery, and charger in places where they can get damaged because of collision. Otherwise, it may lead to battery leakage, device malfunction, overheating, fire, or explosion.
- Do not place magnetic storage media such as magnetic cards and floppy disks near the device. Radiation from the device may erase the information stored on them.
- Do not leave your device, battery, and charger in a place with an extreme high or low temperature. Otherwise, they may not function properly and may lead to a fire or an explosion.
- Do not place sharp metal objects such as pins near the earpiece. The earpiece may attract these objects and hurt you when you are using the device.
- Before you clean or maintain the device, power off the device and disconnect it from the charger.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device and the charger. Otherwise, parts of the device may be damaged or a fire can be caused. You can clean the device and the charger with a piece of damp and soft antistatic cloth.
- Do not dismantle the device or accessories. Otherwise, the warranty on the device and accessories is invalid and the manufacturer is not liable to pay for the damage.

## Emergency Call

You can use your device for emergency calls in the service area. The connection, however, cannot be guaranteed in all conditions. You should not rely solely on the device for essential communications.

## Disposal and Recycling Information



This symbol on the device (and any included batteries) indicates that they should not be disposed of as normal household garbage. Do not dispose of your device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device.

The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE)

directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health of any hazardous substances that may be present.

## **Reduction of Hazardous Substances**

This device is compliant with the EU Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (Regulation No 1907/2006/EC of the European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2002/95/EC of the European Parliament and of the Council). For more information about the REACH compliance of the device, visit the Web site [www.huaweidevice.com/certification](http://www.huaweidevice.com/certification). You are recommended to visit the Web site regularly for up-to-date information.

## **EU Regulatory Conformance**

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the Web site [www.huaweidevice.com/certification](http://www.huaweidevice.com/certification).

**CE 0168**

Notice: Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all countries of European Union.