



**HUAWEI FP222A**

---

**Fixed Wireless Terminal (DUAL MODE)**

# **USER GUIDE**

## **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**

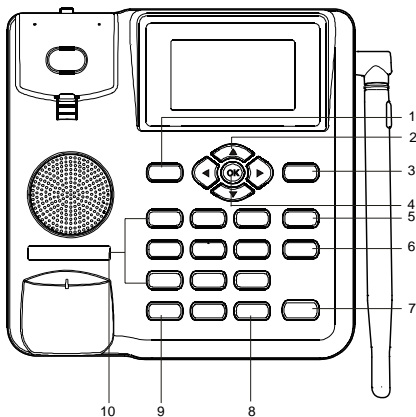
Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

## 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 (Rechargeable)
- Antenna (Optional)
- Certificate of Quality
- User Guide

## Your Fixed Wireless Terminal

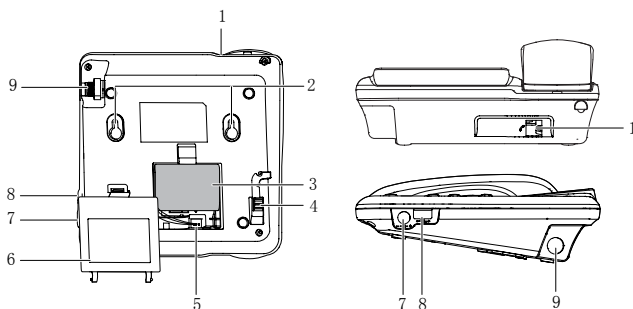


## Keys and Functions

No.	Item	Description
1	<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></ul>
2	<b>Scroll keys</b> 	<ul style="list-style-type: none"><li>• Access the shortcut screen in standby mode.</li><li>• Adjust the microphone and the earpiece volume during a call.</li></ul>
3	<b>Right soft key</b> 	<ul style="list-style-type: none"><li>• Access the <b>Phone Book</b> screen in standby mode.</li><li>• Select the option displayed on the lower right corner of the screen.</li></ul>

No.	Item	Description
4	<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>
5	<b>End key</b> 	<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>
6	<b>Hands-free key</b> 	<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>
7	<b>Call/Redial key</b> 	<ul style="list-style-type: none"> <li>• Make or answer a call.</li> <li>• View the call history in standby mode.</li> </ul>
8	<b># key</b>	<ul style="list-style-type: none"> <li>• Press and hold the key to lock the FWT in standby mode.</li> <li>• Switch between different input methods in text input mode.</li> </ul>
9	<b>* key</b>	<ul style="list-style-type: none"> <li>• Activate/deactivate the quiet profile in standby mode (by pressing and holding this key).</li> <li>• Access the symbol screen in editing mode.</li> </ul>
10	<b>Number keys</b>	<ul style="list-style-type: none"> <li>• Number keys from 0 to 9: Enter numbers and characters.</li> <li>• Number keys from 1 to 9: Press and hold a key to speed dial a phone number in standby mode.</li> </ul>












## Back View and Side View



No.	Item	No.	Item
1	Telephone line interface	2	Wall-mounting brackets
3	Battery Data port	4	Coiled cord jack on main unit
5	Battery cord jack	6	Battery container cover
7	Power jack	8	Maintenance interface

No.	Item	No.	Item
9	Antenna interface		

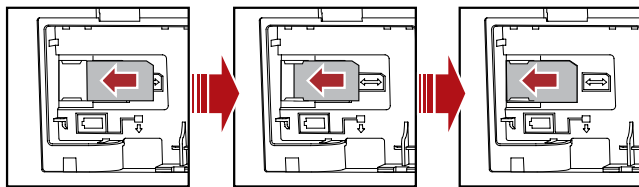
## Screen Icons

Icon	Description	Icon	Description
	Network signal strength		The wireless connection is unavailable
	Alarm clock is on		Hands-free mode
	Message received		Powered by the power adapter
	Voice message received		Battery power level
	The wireless connection is normal		The fixed-phone line is normal
	The fixed-phone line is unavailable		

## Installing the UIM Card (Optional)

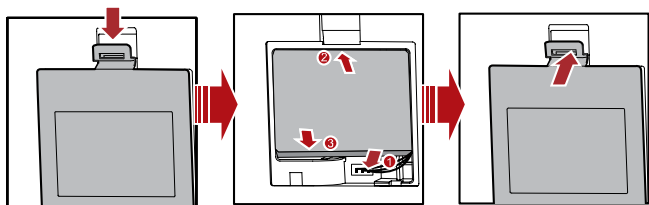
Consult the network operator whether the UIM card is needed.

Power off the FWT and remove the power supply cable and telephone line, and install the R-UIM card as shown. Make sure that the golden contact on the R-UIM card is facing downwards.



## Installing the Battery

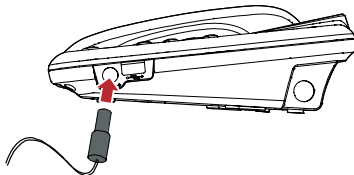
Power off the FWT and remove the power supply cable and telephone line, and install the battery as shown. Make sure that the battery cord plug matches the battery jack. Do not insert the battery reversely.



## Using the Power Adapter and Charging the Battery

---

1. Install the battery based on the battery installation steps.
2. Connect one end of the power adapter cable to the FWT and the other to the power socket.
3. The battery charging icon is displayed on the screen. The battery charging icon becomes static when the battery is fully charged.



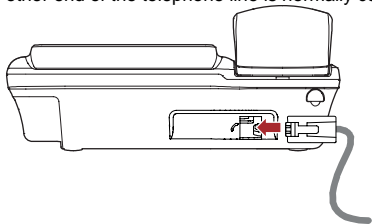
### Note:

- 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.

## Connecting to the fixed-phone network

---






Connect one end of the telephone line to the telephone line interface of the FWT. Make sure that the other end of the telephone line is normally connected to the fixed-phone network.



## Menu Tree

Phone Book	Messages	CallHistory
<ol style="list-style-type: none"><li>1. Search</li><li>2. Add New</li><li>3. Groups</li><li>4. Speed Dial</li><li>5. Delete All</li><li>6. My Phone Num</li><li>7. Memory Status</li></ol>	<ol style="list-style-type: none"><li>1. Write Message</li><li>2. Inbox</li><li>3. Outbox</li><li>4. Draft</li><li>5. Voice Mail</li><li>6. Message Settings</li><li>7. Delete All</li></ol>	<ol style="list-style-type: none"><li>1. Missed Calls</li><li>2. Received Calls</li><li>3. Dialed Calls</li><li>4. Call Duration</li><li>5. Delete All</li></ol>
Fun & Utility	Profiles	Settings
<ol style="list-style-type: none"><li>1. Alarm</li><li>2. Schedule</li><li>3. Calculator</li><li>4. Stopwatch</li><li>5. World Clock</li><li>6. Line Game</li><li>7. Smash Game</li></ol>	<ol style="list-style-type: none"><li>1. General</li><li>2. Outdoor</li><li>3. Quiet</li></ol>	<ol style="list-style-type: none"><li>1. Display</li><li>2. Call Settings</li><li>3. Phone Settings</li><li>4. Security</li></ol>





## Using the Menu

1. In standby mode, press **Left soft key** to display the main menu.
2. Press   to select a menu item.
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

### Call Type




You can make calls in either wireless mode or fixed-phone mode. Make sure that the telephone line is normally connected before you select the fixed-phone mode.

1. Select **Menu > Settings > Call Settings**.
2. Press   to select **Call Type**.
3. Press   to select **PSTN Call** or **CDMA Call**.
4. Press **Left soft key** to confirm it.

## Wireless mode

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 phone number from **Phone Book** and press  to call this contact.

## Fixed-phone mode


1. Pick up the handset. Press the number keys to enter the intended telephone number. The telephone number is automatically dialed.
2. Put back the handset to end a call or cancel the dialing.

## Answering a Call

When there is an incoming call, press ,  or **Left soft key** to answer it.

If the any-key answer function is activated, you can press any key except **Right soft key** and  to answer an incoming call.

### Note:

In wireless connection mode, press  to reject it.

## Creating a Message

1. Select **Menu > Messages > Write Message**.
2. Write the message.
3. Press **Left soft key** to select **send**
4. You can insert up to 10 recipients. Do the following:
  - Enter the phone number directly.
  - Insert a contact from the phone book.
  - Insert a contact from the message group.
5. Press **Left soft key** to send a message.

## Viewing a Message

The inbox stores received messages.

1. Select **Menu > Messages > Inbox**.
2. Press /  to scroll the messages.
3. Press **Left soft key** to view the message.



4. Press the **Left soft key** to reply, delete, or forward a short message, or call or save the phone number of a message.

## Input Modes

### Changing Text Input Modes

In editing mode, the current text input mode is displayed. Press the **#** key to change the input mode.

#### Note:

- 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.
- In the "ABC" or "abc" input mode, press **0** once to enter a space, press **0** for two consecutive times to enter a "0", and press **0** for three consecutive times to start a new line.
- In the "ABC" or "abc" input mode, press **1** repeatedly to select and enter the commonly used punctuations.

### Entering English (ABC or abc)

In ABC or abc input mode, press number keys to enter English letters.





Press a number key once to enter the first letter on the key; press the key twice to enter the second letter on the key, and the rest may be deduced by analogy.

#### Note:

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

### Intelligent Input (eZiEn)



In eZiEn input mode, press number keys to enter English words.

1. According to the word to be entered, press the corresponding number keys once, and the FWT makes out the candidate words.
2. Press   or the \* key to select the word.
3. Press   to confirm your selection. The word is displayed in the input area. Alternatively, press the **0** key to confirm your selection and enter a space behind the word.

### Entering Numbers

In the "123" input mode, press a key labeled with the desired number.

### Entering Symbols

1. In any input mode, press the \* key to display a symbol list.
2. Press   to select the desired symbol.
3. Press the corresponding number key to enter the symbol.

# Security

---

## FWT Lock

The FWT lock protects your FWT from unauthorized use. The default FWT lock code is 000000. You can change it into any numeric string of 4 to 8 digits.

## PIN and PUK

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

## Keypad Lock

In standby mode, press and hold the **#** key to lock the keypad. In this case, you can answer an incoming calls or make emergency calls.

In standby mode, press **Left soft key** and then press the **\*** key to unlock the keypad.

# Warnings and Precautions

---

Before using the FWT, read the following cautions and let your children know these, so that you can use your FWT correctly and safely.

## Basic Cautions

- According to the packing list, check items in the package box to make sure that they are complete and undamaged.
- Before installing and using the FWT, read this User Manual carefully.

## Electronic Device

- Power off your FWT near high-precision electronic devices. The FWT may affect the performance of these devices.
- Such devices include hearing aids, pacemakers, fire alarm systems, automatic gates, and other automatic-control devices. If you are using an electronic medical device, consult the device manufacturer and confirm whether the radio waves affect the operation of the electronic device.

## Hospital

Pay attention to the following points in hospitals or health care facilities:

- Do not take your FWT into the operating room (OR), intensive care unit (ICU), or coronary care unit (CCU).
- Power off your FWT near medical devices.
- Observe any instructions wherever the use of wireless device is prohibited.

## Traffic Safety

- Do not use your FWT while driving. Secure the FWT on its holder. Do not place the FWT on the seat or other places where it can get loose in a sudden stop or collision.
- Observe the rules and regulations of airline companies. Power off your FWT before boarding an aircraft.

## Operating Environment

- Do not place magnetic storage media such as magnetic cards and floppy disks near the FWT. Radiation from the FWT may erase the information stored on them.
- Do not put your FWT, battery, or other accessories in containers with strong magnetic field, such as the induction cooker and microwave oven. Otherwise, circuit failure, fire, or explosion may result.
- Do not place or use the FWT, the battery or the power adapter near any heat sources such as fire or a heater; or places with flammable gases; or areas with electrical appliances that give out heat. Otherwise, it will cause fire, explosion and breakdown of the FWT

- Because the FWT needs to eliminate heat during working, put the FWT and the power supply in a ventilated and shadowy place. Never airproof the FWT or put something on it or place it near water, fire as well as inflammable and explosive materials.
- Because the FWT contains precision devices, you should put it in a dry place and away from moist materials.
- Before cleaning the FWT, please power off the FWT, and then disconnect the power supply and take out the battery. Before moving the FWT, please disconnect the external power supply.
- Do not subject your FWT, battery, and power adapter to serious collision or shock. Otherwise, battery leakage, FWT malfunction, overheats, fire, or explosion may result.
- 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 FWT.
- Do not place the FWT in the area over the air bag or in the air bag deployment area. Otherwise, the FWT may hurt you owing to the strong force when the air bag inflates.
- In raining and lightning, disconnect the power adapter from external power supply and power off the FWT.
- Put your FWT, battery, and power adapter in places beyond the reach of children. Do not allow children to use the FWT, battery, or power adapter without guidance.
- Do not touch the antenna when a call is going on. Touching the antenna may affect call quality and cause the FWT to operate at a power level higher than needed.
- The network signal condition will directly affect the quality and stability of the call. Consequently, you should place the FWT in a place where it can receive network signal well. Do not put FWT in a building with an iron or metal roof. The distance between FWT and other metal materials (such as metal brackets or metal doors and windows) should be greater than 25cm and the distance between FWTs should be greater than 30cm.
- Do not open the chassis in any case and the device should be maintained by a qualified maintenance department.
- Without permission, you are not allowed to modify the architecture and security design of FWT. You must bear any consequence resulted from the operation without permission.
- Your FWT is designed to conform to the authoritative international radio frequency (RF) specifications. Use FWT accessories approved by Huawei only.
- The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons.
- Please observe the national local regulations in the location where product is to be used. This product may be restricted for use in some or all countries of European Union.

## **Emergency Call**

You can use your FWT for emergency calls. However, connections in all conditions cannot be guaranteed. You should never rely solely on the FWT for essential communications.

## **Battery**

- If the battery fluid gets into eyes, do not rub them. Wash with clean water and seek medical assistance immediately.
- If the battery fluid contacts skin or cloth, wash with clean water immediately to avoid irritation to the skin.
- Do not dispose of the battery in fire. Otherwise, the battery may ignite or explode.
- When installing the battery on your FWT, do not push the battery by force lest battery fluid leak out or the battery crack.
- Do not connect two poles of the battery with metallic materials such as cables.
- Do not disassemble the battery or solder the battery poles. Otherwise, fluid leakage, overheat, fire, or explosion may result.
- If there is battery leakage, smoke, or strange smell, stop using the battery and keep it away from open flame to avoid fire or explosion.
- Disconnect the power adapter and take out the battery when the FWT is not used for a long time.
- Do select its self-contained complete battery and power adapter; otherwise, the FWT may be spoiled. Huawei Technologies Co., Ltd is not responsible for any consequences caused by using non-standard batteries or power supplies. Dispose of used batteries according to the instructions.
- Dispose of the battery according to local laws or regulations.

## **Power Adapter**

- Use AC power as specified for the power adapter. Any violation of this rule may result in fire or malfunction of the power adapter.

- Do not short-circuit the power adapter. Short-circuiting the power adapter may cause fire or malfunction of the power adapter.
- Remove the dust on the power plug regularly.
- Do not use worn-out power cords. Otherwise, electric shock, short-circuiting of the power adapter, or fire may result.
- Do not put the power adapter near the container filled with liquid such as water. If the liquid comes into the power adapter, electrical leakage or other faults may result.
- If the liquid such as water comes into the power adapter accidentally, remove the plug of the power adapter from the socket immediately.
- Disconnect the power adapter from the socket before cleaning or maintaining it. Otherwise, electric shock or short-circuiting of the battery or power adapter may result.
- Ensure the plug of the power adapter is properly inserted into the power socket when charging the battery. Improper insertion may result in electric shock, fire, or explosion.
- Do not place any heavy object on the power cord of the power adapter. Do not damage, change, or pluck the power cord.

### **Environmental Protection**

Abide by the local laws in proposing of the package materials of your FWT, consumed batteries and used FWT, and try to recycle them.

### **FCC Statement**

This device has been tested and found to comply with Part 15 of the Federal Communications Commission (FCC) rules.

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 made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device.