



ETS2227

Fixed Wireless Terminal

USER GUIDE

Copyright © 2008 Huawei Technologies Co., Ltd.



and other Huawei trademarks are the trademarks or registered trademarks of Huawei Technologies Co., Ltd. in the People's Republic of China and certain other countries. All other trademarks mentioned in this manual are the property of their respective holders. The information in this manual is subject to change without notice. Every effort has been made in the preparation of this manual to ensure accuracy of the contents, but all statements, information, and recommendations in this manual do not constitute the warranty of any kind, express or implied.

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base, Bantian, Longgang, Shenzhen 518129, People's Republic of China

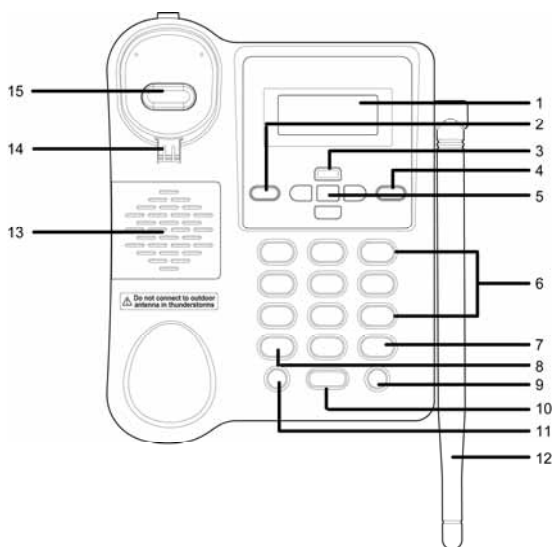
Website: www.huawei.com

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.

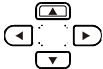




- Main unit, handset, and coiled cord
- Power adapter
- Battery (rechargeable)
- Antenna (optional)
- Certificate of Quality
- User Guide

Your Fixed Wireless Terminal









Keys and Functions

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

No.	Item	Description
3	Scroll keys 	<ul style="list-style-type: none"> • Access the shortcut screen in standby mode. • Adjust the microphone and the earpiece volume during a call.
4	Right soft key	<ul style="list-style-type: none"> • Access the contact screen in standby mode. • Select the option displayed on the lower right corner of the screen.
5	OK key 	<ul style="list-style-type: none"> • Access the main menu in standby mode. • Select the option displayed on the lower left corner of the display screen.
6	Number key	<ul style="list-style-type: none"> • Number keys from 0 to 9: Enter numbers and characters. • Number keys from 1 to 9: Speed dial a phone number.
7	# key	<ul style="list-style-type: none"> • Lock the FWT in standby mode. • Switch between different input methods in text input mode.
8	* key	<ul style="list-style-type: none"> • Activate/deactivate the quiet profile in standby mode (by pressing and holding this key). • Access the punctuation screen in editing mode.
9	Call/Redial key 	<ul style="list-style-type: none"> • Make or answer a call. • View the call history in standby mode.
10	HANDFREE key 	<ul style="list-style-type: none"> • Make or answer a call without lifting the handset. • Cancel the dialing, when dialing a number in the hands-free mode. • End the current call during a call in the hands-free mode.
11	End key 	<ul style="list-style-type: none"> • End a call or reject an incoming call. • Power on or off the FWT (by pressing and holding it). • Return to the standby mode.
12	Antenna	To receive signals.
13	Loudspeaker	Phone ringing.
14	Handset retaining clip	Fix the handset when the FWT is wall-mounted.
15	Heaver	End the current call or other operations.

Screen Icons

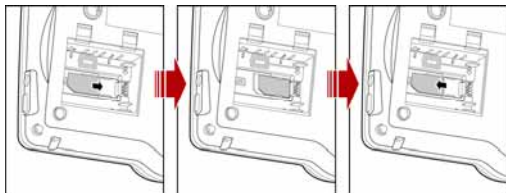
Icon	Description	Icon	Description
	Network signal strength		Calling / No service

Icon	Description	Icon	Description
	Alarm clock is on		Hands-free mode
	Message received		Powered by the power adapter
	Voice message received		Battery power level

Installing the R-UIM Card (Optional)

Consult the network operator whether the R-UIM card is needed.

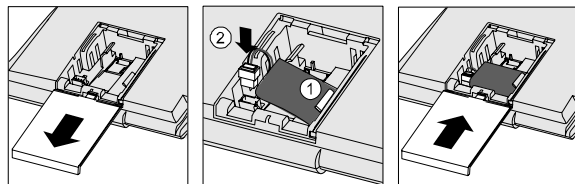
Power off the FWT and unplug the power cable, and install the R-UIM card as shown. Make sure that the golden contact on the R-UIM card is facing downwards.



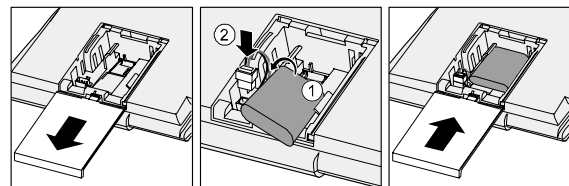
Installing the Battery

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

- Method 1 (600mAh) :



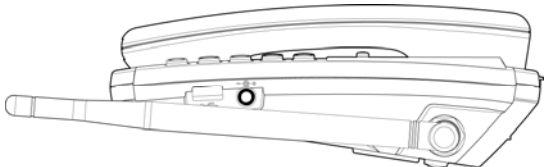
- Method 2 (1000mAh) :



Note

There are two ways of installation. Which one to choose is decided by the size of your battery. You can also ask your network operator for more information.

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.
4. When the battery is fully charged, disconnect the power adapter from the power socket first. Then disconnect the power adapter from the FWT



Menu Tree

Phone Book	Messages	CallHistory
5. Search 6. Add New 7. Groups 8. Speed Dial 9. Delete All 10. My Phone Num 11. Memory Status	1. Write Message 2. Inbox 3. Outbox 4. Draft 5. Voice Mail 6. Message Settings 7. Delete All	1. Missed Calls 2. Received Calls 3. Dialed Calls 4. Call Duration 5. Delete All
Fun & Utility	Profiles	Settings
1. Alarm 2. Schedule 3. Calculator 4. Stopwatch 5. World Clock 6. Line Game 7. Smash Game	1. General 2. Outdoor 3. Quiet	1. Display 2. Call Settings 3. Phone Settings 4. Security




Using the Menu

1. In standby mode, press **Left soft key** or  to display the main menu.
2. Press  or  to select a menu item.
3. Press **Left soft key** or  to display submenu.
4. Access the submenu in either of the ways:
 - Press  or  to scroll to a submenu item and press **Left soft key** or  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 or off-hook mode, enter a phone number.
2. Press  to dial the number.
3. Press  or hook up to cancel the dialing.

Note

- When the FWT is locked, enter the lock code to unlock the FWT first; otherwise, you can only make emergency calls or answer calls.
- 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.

Answering a Call

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

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

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** or  and then press the * key to unlock the keypad.

In standby mode, if the automatic keypad lock function is enabled and the standby time exceeds the preset period, the keypad will be automatically locked

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 press  to 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  or the * key to select the word.

3. Press  or  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

1. In the "123" input mode, press a key labeled with the desired number.
2. In the "ABC" or "abc" input mode, press the key consecutively until the desired number is displayed.
3. In the "eZiEn" input mode, press the number key and then press the  or  key until the desired number is displayed.

Entering Symbols

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

Warnings and Precautions

Before using the HUAWEI Fixed Wireless Terminal (hereinafter referred to as 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 airtight 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. In this case, if the outdoor antenna is used, do not touch the FWT and antenna.
- 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.

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.

Using the USB Cable

To use the USB cable, you need operate abiding strictly by the following rules. Otherwise, your FWT or PC may be damaged:

- To connect your FWT and PC with the USB cable, connect to the FWT at first, and then connect to the PC.
- In the process of communication between your FWT and PC, it is strictly forbidden to plug or pull out the USB cable.
- To disconnect your FWT and PC from the USB cable, disconnect from the PC at first, and then disconnect from the FWT.

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.

Regulatory Information

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