



HUAWEI ETS3228
Fixed Wireless Terminal

User Guide

Wonderful Communication, Mobile Life.

Thank you for choosing HUAWEI ETS3228 Fixed Wireless Terminal.

HUAWEI ETS3228 Fixed Wireless Terminal

User Manual

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Notice

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, expressed or implied.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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1

Warnings and Precautions

Before using 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 intact and undamaged.

Before installing and using FWT, read the user guide carefully.

Electronic Device

Power off the FWT near high-precision electronic devices such as hearing aids, pacemakers, fire alarm systems, automatic gates, and other automatic-control 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 the 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 the 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 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.
- Place the FWT in a dry place. Do not put a towel over the FWT, or put it in a box or a suitcase while using.
- Because FWT contains precision devices, you should put it in a dry place and away from moist materials.
- Before cleaning FWT, please turn off the FWT, and then disconnect the power supply and take out the battery. Before moving 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 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.
- The battery is not fully charged when delivered. Plug the charger cable into the bottom of the fixed wireless terminal, plug the power supply unit into a mains power socket and charge for at least two hours.
- 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 spare battery when FWT is not used for a long time.
- Do select its self-contained complete battery and power adapter, otherwise, FWT may be spoiled. 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

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

This HUAWEI device complies with Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

2 Introduction

Packing List





The FWT package box contains the following items. If any of the items is lost or damaged, contact the service provider.






Item	Quantity	Item	Quantity
Main unit, handset, and coiled cord	1	Certificate of Quality	1
Power adapter	1	Spare battery	1
Fixed Wireless Terminal User Manual	1	Antenna (optional)	1
Warranty Card	1		

Appearance of the FWT

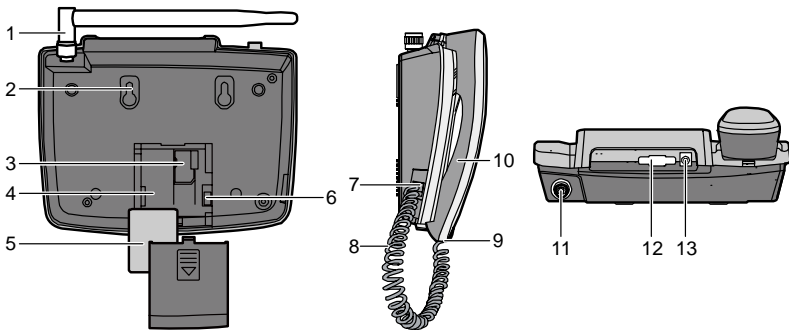
Front View



No.	Item	Description
1	Indoor antenna	To receive signals.
2	Screen	To display information.
3	Left soft key 	<ul style="list-style-type: none"> In the standby mode, press it to access the home screen. In the non-standby mode, press it to perform the operation displayed on the lower left corner of the screen. Press it to answer an incoming call.
4	Scroll key   	<ul style="list-style-type: none"> Up key: Press it to access the Write message interface. Down key: Press it to view the phone book. Left key: In the edit mode, press it to move the cursor to the left; In the standby mode, press it to decrease the ringtone volume. Right key: In the edit mode, press it to move the cursor to the right. In the standby mode, press it to increase the ringtone volume.










No.	Item	Description
5	Right soft key 	<ul style="list-style-type: none"> In the standby mode, press it to access the Phone book interface. In the non-standby mode, press it to perform the operation displayed on the lower right corner of the screen. In edit mode, press it to delete letters.
6	OK key 	<ul style="list-style-type: none"> In the standby mode, press it to access the home screen. In the non-standby mode, press it to perform the operation displayed on the lower left corner of the screen.
7	End key 	<ul style="list-style-type: none"> Press it to end a call or cancel the dialing. Press and hold it for two seconds to power the FWT on or off. In the non-standby mode, press it to return to the standby mode.
8	Handsfree key 	<ul style="list-style-type: none"> In the standby mode, press it to make or answer a call without lifting the handset. In the hands-free mode, press it to cancel the dialing. In the hands-free mode, press it to end an ongoing call.
9	Call/Redial key 	<ul style="list-style-type: none"> Press it to make or answer a call. In the standby mode, press it to view the call history.
10	# key	Press it to switch between input methods.
11	* key	Press it to display a symbol list.
12	Number keys	Press keys 0–9 to enter numbers or characters or speed-dial a phone number.
13	Handset retaining clip	When the FWT is wall-mounted, it is used it to fix the handset.
14	Heaver	End a call or other operations.

Back View



No.	Item	Description
1	Indoor antenna	To receive signals.
2	Hook	To fix the FWT when it is installed vertically.
3	SIM case slot	To house the SIM card
4	Battery case	To house the battery.
5	Battery	To supply the FWT with power.
6	Battery cord jack	To connect to the battery cord.
7	Coiled cord jack on the main unit	To connect to the handset coiled cord.
8	Coiled cord	To connect the handset with the main unit.
9	Coiled cord jack on the handset	To connect to the handset coiled cord.
10	Handset	To make a call or answer a call by lifting it.
11	Antenna jack	To connect to the indoor antenna.
12	DB9 serial port	To allow you to maintain the FWT through it.
13	Power jack	To connect to the power adapter for power supply.

Icons

Icon	Description
	Indicates the signal strength. The more the bars are, the stronger the signal is.
	Indicates there is a new text message.
	Indicates there is a new voice message. The blinking icon indicates that the message memory is full.
	Indicates there is an outgoing call or an ongoing call.
	Indicates the alarm clock is activated.
	Indicates the battery power level. The more the bars are, the higher the power level is.
	Indicates the FWT is powered by the power adapter.
	Indicates the FWT is in the hands-free mode.
	Indicates the network is unavailable.


3 Installation

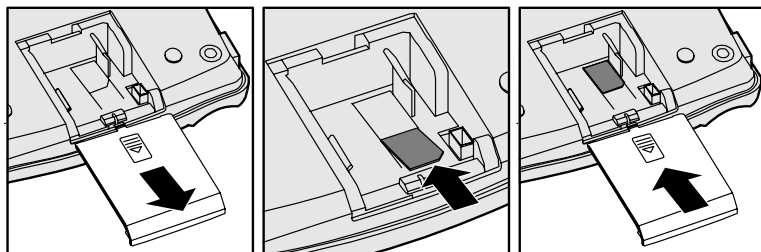
Installing the SIM Card (Optional)



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 the FWT off. 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 faces downwards.



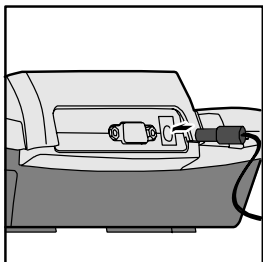
Installing the Power Adapter or the Battery

Note:


- The FWT can be powered by the power adapter or the battery.
- If the FWT is connected to the power adapter with the battery installed, the FWT is powered by the power adapter. Meanwhile, the battery is charged.
- Charge the battery for at least eight hours for the first time. If a fully charged battery is unused for a long time, charge it for at least five minutes before using it.
- If the FWT is powered solely by the battery, the talk time is three hours to five hours or the standby time is 40 hours to 120 hours. The talk time and the standby time are network dependent.

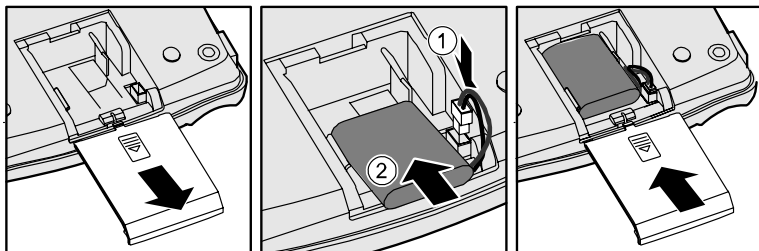
Installing the Power Adapter

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




Installing the Battery

Press and hold  to power the FWT off and then disconnect the FWT from the power socket. Then install the battery as shown in the following figure. When installing the battery, make sure that the battery cord plug matches the battery jack. Do not install reversely.

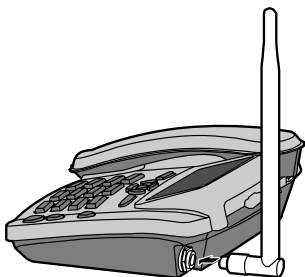


Removing the Battery




Press and hold  to power the FWT off. Then disconnect the FWT from the power socket. Remove the battery house cover. Disconnect the battery cord and remove the battery.

Installing the Indoor Antenna

Power the FWT off 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 connected stably to the antenna jack.



Checking the Signal Strength

1. After installing the antenna, press and hold  to power the FWT on. Wait until the signal strength icon  appears or the dialing tone is heard when you lift the handset.
2. If  does not appear after five minutes or you hear the failure tone when you lift the handset, it indicates that the FWT is not receiving signals. In this case, adjust the antenna direction until you can hear the dialing tone when lifting the handset.
3. If there is no signals even after you adjust the antenna in 360 degrees angle, it indicates that the signal is weak in the particular site. Either change the site or contact the service provider.

Placing the FWT

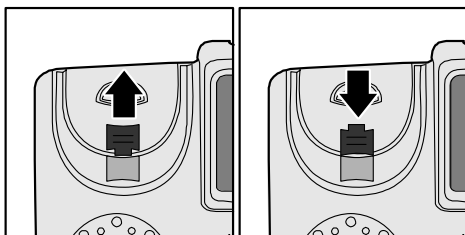
You can place the FWT horizontally or vertically.

Horizontally

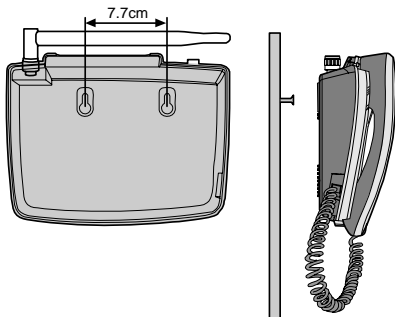
Place the FWT on a flat surface. Select a cool and ventilated site for the FWT to dissipate the heat.

Vertically

1. Pull out the handset-retaining clip from the slot and turn it around. Then push it back so that the handset does not drop when FWT is placed vertically.






2. According to the distance between the two hooks (7.7 cm), hammer two nails into the wall with 3 mm end left out.



3. Snap the hooks to the nails.


Validating


After installing the FWT, make a call to check whether it is correctly installed.

1. Press and hold  to power the FWT on. After connecting the FWT to the power socket, the  icon appears, indicating that the FWT is powered normally.
2. Lift the handset. In the standby mode,  appears.
3. If you can make a call successfully, it indicates that the FWT is installed correctly.

4 Basic Operations




Powering the FWT On or Off

When the FWT is powered off, press and hold  to power it on.



In the standby mode, press and hold  to power it off.

Making a Call


Making a Call through the Keypad

1. In the standby mode, press number keys to enter a phone number. If the entered phone number is wrong, press  to clear the phone number.
2. Press  to dial the phone number.
3. Press  to end the call or cancel the dialing.

Making a Call from the Dialed Calls List



1. In the standby mode, press  to access the dialed calls screen.
2. Press the **Up/Down** key to scroll the dialed calls.
3. Press  to dial.

Making a Call from the Phone Book

1. In the phone book, select a contact.
2. Press  to dial.

Speed Dialing

The speed-dial function allows you to dial a phone number by pressing and holding a number key. The speed-dial function is effective only for contacts stored in the FWT.




1. Select **Menu > Phone Book > Speed Dial**.
2. Press the **Up/Down** key to scroll the items.
3. Enter a phone number or press  to select a contact from the phone book.
4. Press  to confirm.

Auto Dialing

If the auto-dial function is enabled, an entered phone number is dialed automatically. If the activation-time is too short, an incomplete phone number may be dialed.



1. Select **Menu > Settings > Call Settings > Auto Dial**.
2. Select one of the following options: **Off, After 3 Seconds, After 4 Seconds, After 5 Seconds, After 6 Seconds, After 7 Seconds, After 8 Seconds, or After 9 Seconds**.

Answering a Call



In the standby mode, you can lift the handset or press , , or  to answer an incoming call.

Activating the Any-Key-Answer Function

In the standby mode, select **Menu > Settings > Call Settings > Any-key Answer** to set the any-key-answer function.

If the any-key-answer function is enabled, you can press any key to answer an incoming call (except  or .

Rejecting a Call

To reject an incoming call, press  or .

Operations During a Call

During a call, press  to select an option:

- **Name list**: Access the **Phone Book** interface.
- **Send SMS**: Access the **Messages** interface.
- **New dial**: The function is network dependent. For details, contact the service provider.
- **Mute**: If a call is muted, the other party cannot hear your voice. After muting a call, you can unmute it.


5

Call History

Missed Calls/Received Calls/Dialed Calls

The FWT can store 20 missed calls, 20 received calls, and 20 dialed calls.

Note:

In the standby mode, phone numbers of missed calls are displayed. Select **View** to view details. Press  to dial a phone number.

In standby mode, Select **Menu > Call history**. Then select **Missed calls, Received calls or Dialed calls**.

When viewing the call history, you can do the following:

- **View:** View the call duration.
- **Delete:** Delete a phone number.
- **Delete all:** Delete all phone numbers of missed call, received calls or dialed calls.

Call Duration

1. In standby mode, select **Menu > Call history > Call duration** to view some options:

- **Last:** View the duration of the last call.
- **Out:** View the total duration of all the dialed calls.
- **In:** View the total duration of all the received calls.
- **Total:** View the total duration of all the calls.

2. Select **Clear** to clear all the records.



6 Text Entry

Text Input Mode

While entering text, you can press the # key to change the input mode. The following table lists the input modes and their indicators.

Indicator	Text Input Mode
eZiEn	Smart English
ABC	English upper case
ES	Spanish upper case
abc	English lower case
es	Spanish lower case
Num	Numbers

Note:

In the edit mode, press  once to delete the letter on the left of the cursor. Press and hold  for over two seconds to delete all letters.

Entering Letters

Smart English Input

In the "eZiEn" input mode, do the following to enter English:

1. According to the word to enter, press the corresponding number keys once, and the FWT makes out candidate words.
2. Press the **Up/Down** key to scroll the words.
3. Press the **Right** key to confirm the selection. The word is displayed in the input area. Alternatively, press the **0** key to confirm the selection and enter a space behind the word.

5 Call History

Note:

- After you enter several letters, the FWT predicts the remaining letters to make out the candidate words. Press the **Up/Down** key to scroll the words and press the **Right** key to confirm.
- Press the **0** key to enter a space.
- Press the * key to display the symbol list.
- In English input mode, Press the # key to change the case of letters.

Alphabetical Text Input

Alphabetical text input allows you to enter uppercase ("ABC" or "ES") or lowercase ("abc" or "es") English 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 so on.

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

Press the **1** key repeatedly to enter symbols; press the * key to display the symbol list;

press the **0** key once to enter a space; press the **0** key repeatedly to enter a space or a symbol (". " or "-").

Entering Numbers

Do the following to enter numbers:








- In the "Num" input mode, press number keys labeled with desired digits.
- In the "ABC" or "abc" input mode, press the number key repeatedly until the desired digit appears on the screen.

Entering Symbols

1. In any input mode, press the * key to display the symbol list.
2. Press the **Up/Down** key to scroll the symbol list.
3. Press the corresponding number key to enter a symbol.

7 Messages



Writing and Sending a Message



1. Select **Menu > Messages > Write Message**.
2. Write the message. When writing the message, press  to select an option:
 - **Insert phrase**: Insert a commonly used phrase.
 - **Insert number**: Insert a contact number from the phone book.
3. After writing the message, press  to select an option:
 - **Send**: Send the message.
 - **Save as draft**: Save the message to the draft.
4. You can insert up to ten phone numbers. Select an option:
 - **New entry**: Enter the phone number directly. Then press  to send a message.
 - **Phone book**: Insert contact(s) from the phone book. Press  /  to select a contact from the phone book and press  to confirm; select several contacts from the phone book, then press  to group-send the message.

Viewing a Message

Viewing the Inbox

The inbox stores received messages.




When there is a new message, the FWT rings and the  icon appears on the screen. If  blinks, it indicates that the message memory is full. Do the following to view the inbox:

1. Select **Menu > Messages > Inbox**.
2. Press the **Up/Down** key to scroll the messages.
3. Do the following:
 - Press  to view the message.
 - Press  to select **view** to confirm.

5 Call History

Operations

When reviewing a message, you can perform operations on the message.

1. Select **Menu > Messages > Inbox**.
2. Press the **Up/Down** key to scroll the messages.
3. Press  to view the message.
4. Press  (**Menu**) to select an option:
 - **Reply**: Reply to the message.
 - **Forward**: Forward the message.
 - **Delete**: Delete the message.
 - **Copy**: Copy the messages stored in the SIM card to the FWT and the way back.
 - **Call**: Call the phone number of the message sender.
 - **Save number**: Save the phone number of the message sender as a contact.
5. Press  to confirm.


Viewing the Outbox/Draft




The outbox stores messages that are sent successfully. You can view, forward, delete messages or delete all the messages stored in the outbox. You can also copy messages to the FWT.

The draft stores drafts and messages that are not sent successfully. You can edit, delete messages or delete all the messages stored in the draft.

Voice Mail

Viewing the Voice Mailbox

When there is a new voice message, the FWT alerts and the  icon appears on the screen.

1. Select **Menu > Messages > Voice Mail**.
2. Select an option:
 - **Link**: If the voice mail number is already set, press  or  to check voice mails.
 - **Number**: If the voice mail number is not set, enter the voice mail number and press  (**OK**).


Note:

- If you have set up your voice mail box number correctly, you can press the 1 key in the standby mode to access the voice mailbox.
- The voice mail function is network dependent. You need to subscribe to the service. For the voice mailbox number and other information, contact the service provider.

Message Settings

Setting the Service Center Number

The service provider provides the short messaging service center (SMSC) number. If you have entered the SMSC number, it is displayed. You can delete or change it. Make sure that the number is correct before sending messages.

1. Select **Menu > Messages > Message Settings > Service Center**.
2. Enter the SMSC number and press  to save it.

Setting the Delivery Report

1. Select **Menu > Messages > Message Settings > Report**.
2. Select **Yes** and **No**. If you select **Yes**, a delivery report is received after you send a message, telling you the status of the message.

Setting the Validity Period

The validity period means how long a message is stored in the SMSC.

1. Select **Menu > Messages > Message Settings > Validity**.
2. Select **1 hour, 1 day, 1 week, or Max**.

Setting the Save Function

Set the SIM card or the FWT as the prioritized memory. For example, if you select the SIM card, messages are saved to the SIM card first. When the SIM card memory is full, some of the messages stored in the SIM card are moved to the FWT memory.

1. Select **Menu > Messages > Message Settings > Save to**.
2. Select **SIM first** or **Phone first**.

Setting the Auto-Save Function



1. Select **Menu > Messages > Message Settings > Auto Save** to set the auto-save function.
2. Select an option:

5 Call History

- **Send And Save:** Enable the auto-save function. Messages are automatically saved after being sent. Messages sent successfully are saved to the outbox. Messages sent unsuccessfully are saved to the draft.
- **Send Only:** Disable the auto-save function.

Setting a Template

You can insert phrases when editing a message. You can also customize the phrases.

1. Select **Menu > Messages > Message Settings > Phrase**.
2. Press the **Up/Down** key to scroll the phrases.
3. Press  (**Select**) to select a phrase.
4. Press  (**OK**) to save the edited phrase.

Viewing the Memory Status





Select **Menu > Messages > Memory status** to view the memory status of the SIM card and the FWT.

8

Phone Book

Adding a Contact



A contact is saved to the memory in use.

1. Select **Menu > Phone Book > Add New**.
2. Enter the name and press  (**OK**).
3. Set other options:
 - If the memory in use is the FWT, you can set the user name, group name, the general number, the home number, and the office number.
 - If the memory in use is the SIM card, you can set only the general number.
4. Press  (**OK**) to save the settings and press the **Up/Down** key to set other items.
5. Press  (**Save**) to save the contact or press  (**Back**) to cancel.


View a Contact

Select **Menu > Phone Book > Name List** to view the contacts.

Searching for a Contact

1. Select **Menu > Phone Book > Search**.
2. Enter the name or the phone number and press  (**OK**).
3. Press the **Up/Down** key to scroll the contacts.
4. Press  (**View**) to view the details of the contact.






Note:

Press  (**OK**) to display the contacts. Press the number key labeled with the first letter of the contact name. Then the contacts whose names begin with the letter (or the adjacent letter) are displayed.

Editing a Contact




1. Select **Menu > Phone Book > Search** to search for a contact.

5 Call History

2. Press  (**View**) to confirm.
3. Press  to select **Edit**.
4. Press the **Up/Down** key to select an option and press  to edit content.
5. Press  (**Save**) to save the change.
6. Press  (**Save**) to save the contact.




Deleting a Contact

Deleting a Contact

1. Select **Menu > Phone Book > Search** to search for a contact.
2. Press  (**Menu**) and select **Delete**.
3. Press  (**OK**) to confirm or press  (**Cancel**) to cancel.


Copying a Contact

If the SIM card is available, you can copy one or all the contacts from the FWT to the SIM card and from the SIM card to the FWT.

1. Select **Menu > Phone Book > Copy**.
2. Press  (**Options**) and select **Copy To SIM** or **Copy To Phone**. If a contact is stored in the SIM card, select **Copy To Phone** to copy it to the FWT. If a contact is stored in the FWT, select **Copy To SIM** to copy it to the SIM card.
3. Press the **Up/Down** key to scroll the contacts
4. Press  to select or deselect a contact.
5. Press  (**Yes**) to confirm.

Groups

You can sort contacts into different groups for easy management.

1. Select **Menu > Phone Book > Groups**.
2. Select an option and press :
 - **Group details**: View the group members.
 - **Group settings**: Rename the group.
 - **Group clear**: Delete all the members of a group.

Memory Status

The number of contacts can be stored in the SIM card is determined by its capacity.

Select **Menu > Phone Book > Memory Status** to view the memory status of the SIM card and the FWT.

9 Settings

Display

You can set the backlight, the contrast, and whether to display the date and the time.

1. Select **Menu > Settings > Display**.
2. Set the backlight, the contrast, and whether to display the date and the time.

FWT

FWT Settings

You can set the date, the time, the language, and the display.

1. Select **Menu > Settings > Phone settings**.
2. Set the following items:
 - **Date&time**: Set the date, the time, and the display format.
 - **Language**: Select **Chinese** or **English**.
 - **Auto on/off**: Set the time of the auto-power-on and the auto-power-off. When this time arrives, the FWT is powered on or off automatically. Select **Status** to enable or disable the function; select **Time** to set the time; select **Period** to set the period of this task to once or daily.



Caution:

Do not set the auto-power-on time the same as the auto-power-off time.

- **My number**: The phone number of your FWT. It is saved in the SIM card.
- **IP number**: Save the number of an IP card to the FWT. After doing so, you need not to enter the IP number every time you make a long distance call. IP dialing may save the call expense.


Note:

After setting the IP number, select a contact from the phone book. Then select **Menu > IP dialing** to make an IP call.


Profile

The FWT provides three profiles. You can enable or customize a profile.

Selecting a Profile

1. In the standby mode, select **Menu > Settings > Profiles**.
2. Press the **Up/Down** key to scroll profiles **General**, **Outdoor**, and **Quiet**.
3. Press  (**Select**) and select **Set** to enable a profile.

Editing a Profile

1. In the standby mode, select **Menu > Settings > Profiles**.
2. Press the **Up/Down** key to scroll profiles **General** and **Outdoor**.
3. Press  and select **Edit** to edit a profile. Set the following items:
 - **Call ring**: Select a ringtone for incoming calls. Ten ringtones are available.
 - **Message ring**: Select a message tone. Ten ringtones are available.
 - **Key tone**: Select a keypad tone. Select **Off** to disable the keypad tone.
 - **On/Off tone**: Enable or disable the power-on and power-off tone.
 - **Ring volume**: Adjust the volume of Ring.

Security

Call Filter


Set the call filter to refuse to answer certain incoming calls.

1. In the standby mode, select **Menu > Settings > Security > Call filter**.
2. Select **Status** to enable the call filter.
3. Select **Blacklist** to enter the phone numbers.

Setting the Call Filter Status

1. Select **Menu > Settings > Security > Call filter**.
2. Select an option:
 - **On**: Turn the filter on. When the filter is on if the phone number of an incoming call is in the black list, the FWT rejects the call automatically without any prompt. The call information is saved to the call history as received calls.

5 Call History

- **Off:** Turn the filter off.
3. Press  to confirm.

Supplementary Services

You can set network related functions, such as call waiting, call divert, and call barring.

1. Select **Menu > Settings > Network serv.**
2. Set the following options:

Call waiting: Activate or deactivate the function. If the function is activated, when there is an incoming call during an ongoing call, you can answer or reject it.

Call divert: Divert incoming calls to a specified phone number.

- **If unreachable:** Activate or deactivate the function. If the function is activated, the FWT diverts incoming calls when you are out of the service area.
- **If busy:** Activate or deactivate the function. If the function is activated, the FWT diverts incoming calls when the phone number is busy.
- **If no answer:** Activate or deactivate the function. If the function is activated, the FWT diverts incoming calls when no body answers it.
- **All calls:** Activate or deactivate the function. If the function is activated, the FWT diverts all the incoming calls.
- **Cancel all:** Cancel all call diverting.

Call barring: Bar incoming or outgoing calls. The function is available only after you enter the correct barring code.

- **Outgoing calls:** Activate or deactivate the function. You can check the status.
- **Internat. call:** Activate or deactivate the function. You can check the status.
- **National only:** Activate or deactivate the function. You can check the status.
- **Incoming call:** Activate or deactivate the function. You can check the status.
- **When roaming:** Activate or deactivate the function. You can check the status.
- **Cancel all:** Cancel all call barring.

Network sel.: Select a network.

- **Pref. network:** View the information of the current network.
- **Automatic:** The FWT automatically searches for the available network and registers to it.
- **Manual:** The FWT searches the network. You need to select a network and register the FWT to it manually.

Hide ID: Activate or deactivate the function. You can check the status.



Caution:



All the network functions are network dependent. Contact the service provider for details.

10


Fun & Utility

Alarm Clock

If the alarm clock is activated, the FWT rings at the preset time when it is powered on. You can set up to three alarm clocks.

1. Select **Menu > Fun&Utility > Alarm**.
2. Press the **Up/Down** key to scroll the alarm clocks.
3. Press  (**Select**) to select an alarm clock.
4. Press the **Up/Down** key to set alarm options.
5. Press  (**Save**) to save the settings.

Calendar

1. Select **Menu > Fun&Utility > Calendar**.
2. Press  (**Select**) to select an option:
 - **View**: View a specific event.
 - **Add event**: Add an event.
 - **All events**: View all the events.
 - **Go to today**: Go to the current date.
 - **Search**: Search for a date.

11

Menu Commands

Phone Book

See "Phone Book" in chapter 8.

Messages

See "Messages" in chapter 7.

Fun & Utility


Alarm

See "Alarm Clock" in chapter 10.

Calendar

See "Calendar" in chapter 10.

Calculator

You can use the calculator for basic calculations. Press the # key to enter the decimal point. Press the * key to select operators such as add, subtract, multiply and divide. Press  to display the results.

Stopwatch

The FWT provides the stopwatch function, which can record up to 9 hours 59 minutes 59 seconds and 9 milliseconds.

World Clock

You can view the Greenwich Mean Time (GMT), current time of other 35 major time zones around the world, and local time.

Settings

See "Settings" in chapter 9.

Call History

Missed calls

You can view 20 missed calls, 20 received calls, and 20 dialed calls and the call duration.

Received calls

Dialed calls

See "Call History" in chapter 5.

Call Duration

12

Maintenance and Troubleshooting

Maintenance

1. Place the FWT in a clean and dry environment. The temperature of the place should be no higher than +55°C or lower than -10°C.
2. If the FWT is covered with dust, clean it with fine clean cloth. Do not clean it with cleanser or other chemical solvents.
3. If the FWT does not operate normally due to a failed battery, replace the battery in time or use the power adapter to supply the FWT with power.
4. If the FWT does not operate normally, contact the service provider.

Troubleshooting

The 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 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 alternating current (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.

The signal strength icon does not appear on the screen.

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

Time is not displayed.

1. Select **Menu > Settings > Display > Show time** to check whether the time is set to be displayed.
2. If the problem persists, make sure that the antenna is installed properly.
3. Adjust the antenna direction or move the FWT to a place covered with stronger signals.
4. If the problem persists, contact the service provider to check whether the FWT is within the signal coverage area.

After the FWT is powered off, sometimes no information is displayed while sometimes the power supply icon and the blinking battery icon are displayed.

No information on the screen is normal when the FWT is powered off. The power supply icon and the blinking battery icon indicate that the battery is being charged.

An incoming-call ringtone is heard after the busy tone.

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

After lifting the handset, an incoming-call ringtone is heard 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 call, you can answer the call.

Only the battery icon appears on the screen.

It indicates that the FWT is powered solely 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 or replace the battery.

13

Specifications

Item	Description
Dimensions (W × D × H)	210 mm × 183 mm × 81 mm
Weight	Less than 700 g
Placement mode	Horizontal or wall mounting
Input voltage	Linear power supply AC: 190–300 V DC: 12 V
Spare battery	Type: NiMH Capacity: 3.6 V 1000 mAh
Maximum transmission power	≥ 23 dBm
Typical conversation power consumption	1.2 W
Typical standby power consumption	40 mW
Ambient temperature	–10°C to +55°C
Storage temperature	–20°C to +70°C
Relative humidity	5% to 95%

Note:

Use only the approved power supply listed in the following table.

Manufacturer	Model
Tech-Power Electronics (Shenzhen) Co., Ltd	HGP1205
Highlight Electronic Co., Ltd,	DY41F005A
Highlight Electronic Co., Ltd,	DY41F005B
Shilong Fuhua Electronice Co., Ltd	UE41120050DC
Shilong Fuhua Electronice Co., Ltd	UE41120050DD