



HUAWEI C223s

CDMA 1X Digital Mobile Phone

User Guide

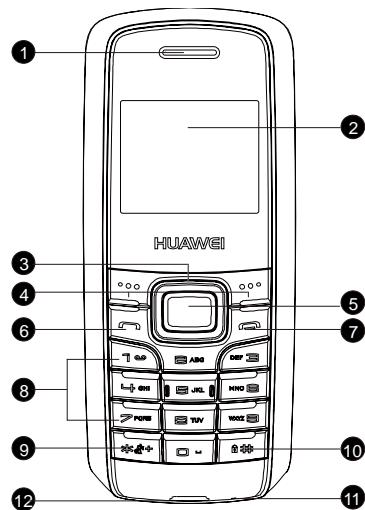
Copyright © 2007 Huawei Technologies Co.,Ltd. All rights reserved.

Huawei and other trademarks are the property of Huawei Technologies Co., Ltd. All other trademarks and trade names 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. For any question of this document, call the service hotline for details.

Huawei Technologies Co.,Ltd.
Huawei Industrial Base, Bantian, Longgang, Shenzhen 518129, People's Republic of China
Tel: +86-755-28780808 Global hotline: +86-755-28560808
Email: mobile@huawei.com Website: www.huawei.com

1 Getting to Know Your Phone

Your Phone



Note

- There are two C223s models. One has a removable user identity module (R-UIM) and the other does not.
- This manual describes the C223s with the R-UIM. If a function is marked with "*", it indicates that this function is only available in the C223s with the R-UIM. But the remaining functions are supported by both the C223s models.

Appearance Descriptions

1	Earpiece	—
2	Screen	—
3	Navigation keys	Press  to write message. Press  to view the calendar. Press  to access the inbox. Press  to view the name list.
4	Soft keys	<ul style="list-style-type: none">• When the phone is closed, before it is in the battery saving mode, press  and  to enable or disable the keyguard.• Select the option displayed on the lower corner of the screen.
5	OK key	<ul style="list-style-type: none">• Confirm a selection.• Access the FM screen.
6	Dialing key	<ul style="list-style-type: none">• Access the Call Records screen.• Make or answer a call.
7	End/Power key	<ul style="list-style-type: none">• Power on or off the phone (by pressing and holding it).

		<ul style="list-style-type: none"> • End or reject a call. • Return the Idle screen.
8	Number keys	<ul style="list-style-type: none"> • Press and hold 1 to access Voice Mail. • Press and hold 2–9 to speed dial a phone number. • Press and hold 0 access the FM.
9	* key	Enable or disable the vibration mode (by pressing and holding it).
10	# key	Enable the phone lock (by pressing and holding it).
11	Speaker	–
12	Charger interface	–

Screen Icons

Icon	Meaning	Icon	Description
	Signal strength		Silence mode
	Phone lock		Vibration
	New voice mail		Alarm clock
	Non-service		Call privacy
	New Message		Battery level
	Urgent message		Roaming
	High urgent message		Calling
	Calling in roaming		Headset
	CDMA 1X		

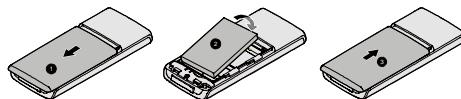
2 Menu Tree

Messages	Phonebook	Call Records
1 Write Message 2 Inbox 3 Outbox 4 Draftbox 5 Voice Mail 6 Delete All 7 Settings	1 Search 2 Add New 3 Groups 4 Speed Dial 5 Delete All 6 *Copy All 7Options	1 Missed Calls 2 Answered Calls 3 Dialed Calls 4 Delete All 5 Call Duration
Extras	Sound	Settings
1 Alarms 2 Calendar 3 Calculator 4 Stopwatch 5 Time Zone 6 Games 7 FM	1 Volume 2 Alert Mode 3 Ring Tone 4 Alarm Tone 5 SMS Receive Tone 6 SMS Send Tone 7 Other Tones	1 Display 2 Time 3 Call 4 Language 5 Security 6 Factory Restore 7 Keyguard

3 Getting Started

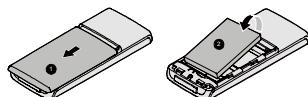
Installing the Battery

To install the battery, do as follows.



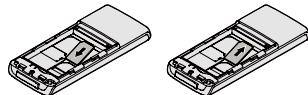
Removing the Battery

To remove the battery, do as follows.



"★"Installing/Removing the UIM Card

After removing the battery, do as follows to install or remove the UIM card.



Charging the Battery

1. Connect the charger to the charger interface at the bottom of your phone. Make sure that the arrow on the charger connector faces the front side of the phone.
2. Connect the charger to a power socket.
3. The phone starts charging. The screen displays the charging animation.
4. When the animation becomes static, disconnect the charger from the power socket.
5. Disconnect the charger from the phone. Press the gray buttons on both sides of the charger connector, and then pull it out from the charger interface.

Accessing a Menu

1. In the standby mode, press  to display the main menu.
2. Press  to select a function menu.
3. Press  to display the selected menu.
4. Press  to select a submenu and press  to display it.
5. Press  to return to the previous menu or exit the function menu.
6. Press  to return to the standby screen.

Making a Call

1. In the standby mode, press the number keys to enter a phone number.
2. Press  to dial the number.

3. Press  to end the call or cancel the dialing.
 - When the phone is locked, you need to unlock the phone first.
 - Press  continuously to enter *, P, T or +.

Receiving a Call

When there is an incoming call, you can do as follows:

- Press  or  to answer the call.
- Press  or  to reject the call.
- When the any key function is enabled, press any key to answer the call (except , Navigation keys and ).
- When the auto-answer function is enabled, the call is answered automatically in the preset duration.

During a call, press  to adjust the earpiece volume for a better calling effect.

Phone Lock

The phone lock protects your phone from unauthorized use. The default phone lock code is "0000".

4 Text Input

Text Input Modes

The phone supports the following text input modes:

- Alphabetical text input mode:

- **ENABC\ ENAbc \ ENabc:** Upper case/initial capital/lower case English alphabetical text input mode
- Predictive input mode:
 - \ \ Upper case/initial capital/lower case predictive English input mode
- Numbers input mode:
 - "123" input mode
- Symbol input mode:
 - Enter the English Symbols.

Basic Operations

In the text editing mode, you can choose the following options:

- Press to switch the text input modes.
- Press and hold to switch between uppercase initial capital and lowercase.
- Press to display the symbol list.
- Press and hold to switch between alphabetical text input mode and predictive input mode.
- Press to delete the letter on the left of the cursor.
- Press and hold to clear the letter.
- In any input mode (except the "123"), press **0** to enter a space.
- When selecting a letter or word, press to confirm the selection followed by the cursor on the left/right.

Alphabetical Text Input

Press the key labeled with the desired letter once to enter the first letter on the key, twice to enter the second letter on the key,

and so on.

Predictive Input

1. According to the sequence of the word, press the corresponding key labeled with the desired letter once. Then the phone displays the commonly used words according to the numeric sequence of key presses.
2. Press  to select the word.
3. Press  to enter the word.

Entering Numbers

- In the numbers input mode, enter a number by pressing the number key labeled with the desired digit directly.
- Press and hold number key until the desired digit appears on the screen.
- In Predictive text input mode, press the number key then Press  until the desired digit appears on the screen.
- In Alphabetical text input mode, press the number key continuously to display the desired digit.

Entering Symbols

- In the symbol input mode, press navigation keys to select a symbol.
- In Alphabetical text input mode, press **1** continuously to display the commonly used symbols.
- In Predictive text input mode, press **1** to display the commonly used symbols. Press  continuously to select a symbol.

5 Warnings and Precautions

Electronic Device

- Power off your phone near high-precision electronic devices. The phone 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 to confirm whether the radio wave affects the operation of this device.
- Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pace-maker to avoid potential interference with the pace-maker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hospital

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

- Do not take your phone into the operating room (OR), intensive care unit (ICU), or coronary care unit (CCU).
- Do not use your phone at places for medical treatment where phone use is prohibited.
- When using your phone near someone who is suffering from a heart disease, turn down the ring tone volume or vibration properly so that it does not affect the person.

Area with Inflammables and Explosives

In any area with inflammables and explosives, power off your phone and do not take out, install or charge the battery, to avoid explosion and fire. Areas with inflammables and explosives include, but are not limited to:

- Gas station
- Area for storing fuels (such as the bunk under the deck of a ship)
- Device/Vehicle for transporting and storing fuels or chemical products
- Area with chemical substances and particles (such as: granule, dust, metal powder) in the air
- Area with the sign of "Explosives"
- Area with the sign of "Power off bi-direction wireless equipment"
- Area where it is generally suggested to stop the engine or a vehicle

Traffic Safety

- Please observe local laws and regulations on phone use. Do not use your phone while driving to avoid traffic accident.
- Secure the phone on its holder. Do not place the phone on the seat or other places where it can get loose in a sudden stop or collision.
- Use the phone after the vehicle stops at a safe place.
- If your phone supports the hands-free function, or the phone can be used with earphones, or there is any vehicle-mounted equipment with hands-free function, use them in emergency.
- Do not place the phone over the air bag or in the air bag outspread area. Otherwise, the phone may hurt you owing to the strong force when the air bag inflates.
- Observe the rules and regulations of airline companies. When boarding or approaching a plane, power off the phone and take out the battery. In areas where phone use is prohibited, power off the phone. Otherwise, the radio signal of the phone may disturb the plane control signals. Power off your phone before boarding an aircraft.

Storage Environment

- Do not place magnetic storage media such as magnetic cards and floppy disks near the phone. Radiation from the phone may erase the information stored on them.
- Do not put your phone, battery, or other accessories in containers with strong magnetic field, such as an induction cooker and a microwave oven. Otherwise, circuit failure, fire, or explosion may occur.
- Do not leave your phone, battery, or charger in a very hot or cold place. Otherwise, malfunction of the products, fire, or explosion may occur.
- Keep the ambient temperature between 0 °C and 45 °C while the battery is being charged. Keep the ambient temperature between -20 °C and 60 °C for storing the battery. If the ambient temperature is too low (especially below 0 °C) or too high, the capacity and life of the battery will be reduced.
- 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 phone.
- Do not subject your phone, battery, and charger to serious collision or shock. Otherwise, battery leakage, phone malfunction, overheat, fire, or explosion may occur.
- Do not put your phone in the back pocket of your trousers or skirt, to avoid phone damage while seated.

Children Safety

- Put your phone, battery, and charger in places beyond the reach of children. Do not allow children to use the phone, battery, or charger without guidance.
- Do not allow children to put the battery in mouth, for electrolyte in the battery is poisonous.
- Do not allow children to touch the small fittings. Otherwise,

suffocation or gullet jam can be caused if children swallow the small fittings.

Operating Environment

- The phone, battery, and charger are not water-resistant. Keep them dry. Protect the phone, battery and charge from water or vapor. Do not touch the phone with a wet hand. Otherwise, short-circuit and malfunction of the product or electric shock may occur.
- Do not use the phone in dusty, damp and dirty places or places with magnetic field. Otherwise, malfunction of the circuit may occur.
- Do not power on or off the phone when it is near your ears to avoid negative impact on your health.
- When carrying or using the phone, keep the antenna at least one inch (2.5 centimeters) away from your body, to avoid negative impact on your health caused by radio frequency leakage.
- If you feel uncomfortable (such as falling sick or qualm) after playing games on your phone for a long time, please go to see a doctor immediately.
- On a thunder stormy day, do not use your phone outdoors or when it is being charged.
- Do not touch the antenna when a call is going on. Touching the antenna may affect call quality and cause the phone to operate with more power. As a result, the talk time and standby time are shortened.
- The phone may interfere with nearby TV sets, radios and PCs.
- In accordance with international standards for radio frequency and radiation, use phone accessories approved by the manufacturer only.
- While using the mobile phone, observe the local laws and

regulations, and respect others' privacy and legal rights.

Clearing and Maintenance

- Before you clean or maintain the phone, power off the phone and disconnect it from the charger. Otherwise, electric shock or short-circuit of the battery or charger may occur.
- Do not use any chemical detergent, powder, or other chemical agent (such as alcohol and benzene) to clean the phone and the charge. Otherwise, part damage or a fire can be caused. You can clean the phone and the charger with a piece of soft antistatic cloth that is a little wet.
- Do not scratch the shell of the phone. Otherwise, the shed coating may cause skin allergy. Once it happens, stop using the phone at once and go to see a doctor.
- Keep the plug dry when you clean it, to prevent fire.
- If the phone or any of its fittings does not work, turn to the local authorize service center for help.
- Do not dismantle the mobile phone or accessories. Only an authorized service center is allowed to maintain the mobile phone.

Environment Protection

- Please observe the local regulations regarding the disposal of your packaging materials, exhausted battery and old phone and please promote their recycling. Do not dispose of exhausted battery or old phone in municipal waste or fire. Otherwise, explosion may occur.
- This HUAWEI device complies with Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
-  This symbol indicates that the equipment carrying this mark must NOT be thrown into general waste but should be collected separately and properly recycled under local

regulations.

Battery

- Use the battery approved by the manufacturer only. Otherwise, explosion may occur.
- Do not dispose of the battery in fire. Otherwise, the battery may ignite or explode.
- Do not connect two poles of the battery with conductors such as cables, jewelries or any other metal material. Otherwise, the battery is short-circuited and it may burn your body.
- Do not disassemble the battery or solder the battery poles. Otherwise fluid leakage, overheat, fire, or explosion may occur.
- 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. Then turn to an authorized maintenance engineer for help.
- If the battery fluid contacts your skin or cloth, wash with clean water immediately to avoid irritation to the skin.
- If the battery fluid gets into eyes, do not rub your eyes. Otherwise, your eyes can be hurt. Wash with clean water and go to see a doctor immediately.
- If there is battery deformation, color change or abnormal heating while you charge or store the battery, take it out immediately and stop using it. Otherwise, battery leakage, overheat, explosion, or fire may occur.
- When installing the battery, do not push the battery by force lest battery fluid leak out or the battery crack.
- Do not take out the battery when the phone is turned on.
- If you do not use the battery for a long time, store it in normal temperature after charging.

Charger

- Use the charger approved by the phone manufacturer only. Any violation of this rule may result in fire or malfunction of the charger.
- Do not short-circuit the charger. Short-circuiting the charger may cause fire or malfunction of the charger.
- If the power cord is damaged (for example, the lead is exposed or broken), or the plug becomes loose, stop using the cable at once. Otherwise, electric shock, short-circuit of the charger, or fire may occur.
- Keep the charger dry. Once water or other liquid leaks into the charger, electrical leakage or other faults may occur.
- Do not use the charger in a dusty and damp environment. Keep the power cord away from any heating appliance.
- Ensure the charger is properly plugged into the power socket properly when charging the battery. Improper insertion may result in electric shock, fire, or explosion. To unplug the charger, pull the plug off rather than tear the power cord.
- Use the AC power supply defined in the specifications of the charger. An improper power voltage can cause fire or malfunction of the charger.
- Do not place any heavy object on the power cord of the charger. Do not damage, change, or pluck the power cord. Otherwise electric shock or fire may occur.
- When you are charging the battery with the charger, do not touch the plug, power cord or the charger with a wet hand. Otherwise, electric shock can be caused.
- Once the liquid such as water leaks into the charger, remove the plug of the charger from the socket immediately. Otherwise, overheating, fire and other malfunction may occur.

Certification Information (SAR)

THIS DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO FREQUENCY ELECTROMAGNETIC FIELD.

Your mobile phone is a low-power radio transmitter and receiver. When it is turned on, it emits low levels of radio frequency energy (also known as radio waves or radio frequency fields).

Governments around the world have adopted comprehensive international safety guidelines, developed by scientific organizations, e.g. ICNIRP (International Commission on Non-Ionizing Radiation Protection) and IEEE (Institute of Electrical and Electronics Engineers Inc.), through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure for the general population. The levels include a safety margin designed to assure the safety of all persons, regardless of age and health, and to account for any variations in measurements.

Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the mobile phone while operating can be well below the value. This is because the mobile phone is designed to use the minimum power required to reach the network.

All models of Huawei's mobile phone are designed to meet radio frequency exposure guidelines. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (that is, at the ear and worn on the body) as required by the FCC for each model. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body with an accessory that

contains no metal part. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The SAR limit adopted by the USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC and IC for this device type when tested for use at the ear is 0.843 W/kg, and when properly worn on the body is 0.515 W/kg.

The SAR limit adopted by the CNIRP is 2.0W/kg over one gram of tissue. The value guarantees a safe distance to protect mobile phone users and the difference caused by measurement errors. Under different test requirements and frequency, the value varies.

Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Operation is subject to the condition that this device does not cause harmful interference.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this equipment not expressly approved by HUAWEI may void the FCC authorization to operate this equipment.

Version: V100R001_01 Part Number: 3101xxxx