KENSHI

User Manual

Mobile phone SM231

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Dear Customer,

Thank you for choosing our products.
We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

The mobile phone is intended for making and receiving phone calls, as well as sending and receiving text messages via cellular network.

Safety Precautions

Road Safety

Never use a mobile phone while driving a vehicle.
Use a headset for making calls.

Aircraft Safety

Do not use the phone while on board an aircraft. Mobile network signals may interfere with the navigation system.

Turning Off the Phone in Hazardous Areas

Turn off the phone in areas with potentially explosive atmospheres or in areas where flammable materials are present (for example, at gas stations, fuel depots, and chemical plants).

Compliance with Special Regulations

Comply with the phone usage rules in hospitals and other public places. Please note that the phone may interfere with medical equipment (for example, hearing aids).

Water Resistance

The phone is not waterproof. Protect it from moisture.

Maintenance

Never attempt to disassemble or repair the phone yourself. This must be performed by a qualified technician. Failure to comply with this condition will void the warranty.

Connecting to Other Devices

Before connecting the phone to any device, carefully read the corresponding instructions. Never connect any equipment to the phone that is not intended for this purpose.

Emergency Call

To make an emergency call, ensure that the phone is turned on and is within the network coverage area of a service provider, and that the call function is active. Dial the emergency number 112 in the same way as you dial a regular phone number, then press the call key. Explain to the emergency operator where you are and what has happened.

Rechargeable Battery Guidelines (Li-pol/Li-ion)

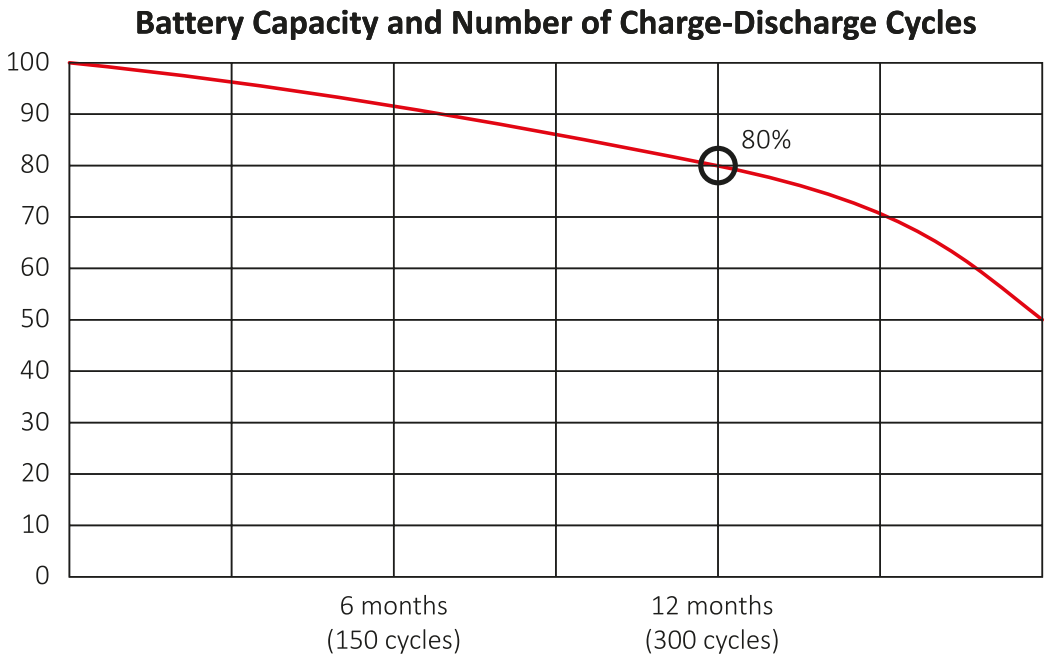
Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as «the battery») tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and time frames is natural battery wear and is not considered a defect.

Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, batteries are not durable and constantly degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the «optimal» storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.



Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS) . Forced «fast charging» modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited.

Li-ion batteries do not have a so-called «memory effect» You can start charging or discharging the battery from any charge level.

Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered by the electrical grids, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the «low battery» warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately.

If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

Do Not Disassemble, Burn, or Use Damaged Batteries

Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center.

Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

CAUTION

- Be careful — damaged batteries may release harmful substances.
- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner you bring a malfunctioning battery in for repair, the more likely it can be restored with minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

Device Diagram



1. Flashlight switch.
2. Flashlight.
3. Earpiece.
4. Left function key.
5. Call key.
6. Right function key.
7. End call key / Power key.
8. Navigation keys and «OK» key.
9. «*» key.
10. «#» key / Profile switch.
11. «0» key.
12. Charging port.
13. Headphone jack.
14. Camera.
15. SOS key.
16. Microphone.

Specifications

- Model: SM231.
- Trademark: KENSHI.
- Dimensions: 113.5 x 52.8 x 13.3 mm.
- Weight: 57 g.
- Screen size: 1.77″.
- Display resolution: 128 x 160 pixels.
- Camera: 0.08 MP.
- RAM: 32 MB.
- Internal storage: 32 MB.
- Max. memory card capacity: 32 GB.
- Connectors: micro-USB, 3.5 mm jack.
- Battery: Li-ion, 3.7 V, 800 mAh.
- Charger (Power adapter):
  - Input: 100–240 V, 50–60 Hz.
  - Output: 5 V ⎓ 500 mA.
  - Cable length: 0.8 m.
- IP code: IPX0.
- Protection class: ll.
- Cord type: X.
- Scope of application: Domestic.

Bluetooth radio frequency specifications

- Bluetooth version: 2.1.
- Wireless standard: IEEE 802.15.1.
- Frequency range: 2402–2483.5 MHz.
- Transmitter power: 5 dBm.

Package Contents

- Device.
- Charger.
- User manual.

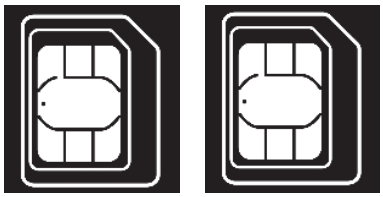
Getting Started

SIM Cards and Memory Card

The SIM card contains important information such as your phone number, PIN code (personal identification number), PIN2 code, PUK code (personal unblocking code for the PIN), PUK2 code (personal unblocking code for the PIN2), IMSI (International Mobile Subscriber Identity), network information, contact details from your phone book, and text messages.

After turning off the phone, wait a few seconds before inserting or removing the SIM card. Handle the SIM card with extreme care, as both the card itself and its contacts can easily be scratched or bent.

CAUTION: This device supports only micro-SIM cards (see the figure). Using incompatible SIM cards may damage the card or the device, as well as corrupt the information stored on the card.



Installing SIM Cards and Memory Card

1. Before installing the SIM card and memory card, make sure to turn off the device and disconnect it from the charger.
2. Open the back cover of the phone by prying it at the notch in the lower left part of the device.
3. Remove the battery.
4. Insert the SIM cards all the way in so that the cut edge aligns with the corresponding side of the SIM card slot, and the gold-colored contacts face down.
5. Open the memory card holder.
6. Place the memory card into the slot with the contacts facing down, and close the memory card cover.
7. Reinstall the battery.
8. Carefully close the back cover.

Access Codes

The phone and SIM card may have multiple passwords designed to ensure security and prevent unauthorized use of the device. When prompted, enter the password, then press the confirmation key. When entering an incorrect password, press the right function key to delete the incorrect password before entering a new one.

Phone Lock

The phone lock password is used to prevent unauthorized use of the device. The default password is **1234**.
After locking the phone, you will be required to enter the unlock password to use various device functions.

PIN Code

The PIN code (personal identification number consisting of 4–8 digits) is used to prevent unauthorized access to your SIM card. The PIN code is provided with the SIM card by the mobile network operator.
If the PIN code verification function is activated, you will be required to enter this PIN code every time you turn on the phone.
CAUTION: After three consecutive incorrect PIN entries, the SIM card becomes blocked. The SIM card can be unblocked using the PUK code.

PUK Code

The PUK code (Personal Unblocking Key, 8 digits) is required to restore a blocked SIM card and is provided with the SIM card by your mobile service provider.
If an incorrect PUK code is entered 10 times in a row, the SIM card will be permanently locked. After this, you will need to contact your mobile network operator to replace the SIM card.

Powering On and Off

Press and hold the End call key for a few seconds to turn on the phone. A power-on animation will appear on the screen. Enter the phone lock password (if required) and press the «OK» key to confirm. Enter the PIN code (if required) and press the «OK» key to confirm. The PIN code is provided by your network operator. To turn off the phone, press and hold the End call key.

Network Connection

After inserting the SIM card and turning on the phone, the device automatically searches for an available network. After that, the phone enters active mode. The name of the network being used will be displayed on the screen, and you will be able to make outgoing calls and receive incoming ones.

Battery Charging

The battery comes with the phone and can be installed immediately after you unpack the phone.

Battery Level

You can check the battery charge level in the upper right corner of the phone screen.
If the battery is low, the phone will display the message «Low battery!». If you have set an alarm, it will not sound when the battery is low.
During charging, a charging indicator will appear on the screen. After the phone is fully charged, the indicator will disappear.

Using the Charger:

1. Before charging, insert the battery into the phone.
2. Connect the charger to the phone.
3. Plug the charger into a power outlet.
4. The battery charge indicator will flash until the battery is fully charged.
5. During charging, the battery usually gets warm — this is normal.

CAUTION: Make sure the charger is properly connected to the corresponding port. Otherwise, the phone will not charge. Ensure that the mains voltage and power match the rated voltage and power of the charger.

Battery Usage

Actual battery performance depends on various factors, including network configuration, signal strength, ambient temperature, enabled features and phone settings, and the operating mode of the phone.

Call Key

This button is used to dial a number or select a contact from the call log. Pressing this button also answers an incoming call.

End Call Key

Press this button to end a call or cancel dialling during an outgoing call. Press and hold this button for 2–3 seconds to turn the phone off/on.

Navigation Keys

These keys are used for navigation, scrolling through the main menu functions, or browsing contacts in the phonebook.

Right and Left Function Keys

The functions of these keys are displayed at the lower right and lower left corners of the screen.
This key also confirms a selection.

Outgoing Calls

Dial the desired number and press the Call key.

Using a Headset

After connecting the headset, the phone automatically switches to voice profile support mode.

Data Input

The phone supports text input in English and Russian, T9 mode, and numeric input (editing information in the phonebook, composing text messages, notes).
Each key corresponds to a specific character or letter. You need to press the key the required number of times until the desired letter or character appears. To insert a space, select the language input mode and press 0. To delete a character or letter, press the right function key.

Input Keys

In text input/edit mode, the active input mode is indicated as follows: «123» — numeric input, «ABC, abc, Abc» — English input, «АБВ, абв, Абв» — Russian input.

Switching Input Modes

In text input/edit mode, press the «#» key to switch between input modes.

Numeric Input

When using this input method, you can enter the required numeric values.

Adding Symbols

To add a symbol, press the «*» key (select the desired symbol using the navigation keys).

Language and Numeric Input

The correspondence of letters and numbers is shown in the table:

Key	Character or Function
1	. , - ? ! ’@: #$/_1
2	ABCabc2АБВГабвг
3	DEFdef3ДЕЕЖЗдеежз
4	GHIghi4ИЙКЛийкл
5	JKLjkl5МНОПмноп
6	MNOmno6РСТУрсту
7	PQRSpqrs7ФХЦЧфхцч
8	TUVtuv8ШЩЪЫшщъы
9	WXYZwxyz9ЬЭЮЯьэюя
0	Space or 0
#	Switch input mode
Up navigation key	Move up
Down navigation key	Move down
Left function key	Context menu
Right function key	Delete entered characters
End call key	Return to standby mode

Main Menu

Messages

If the phone memory is full of messages, the message icon at the top of the screen will start flashing. To receive new messages, you need to delete some of the received messages. If the recipient receives the message you sent, and delivery reports are enabled on your phone, you will hear an audio notification confirming the delivery of the message.

New Message

In this section, you can write a new text message.

Inbox

This section contains all the messages you have received.

Outbox

This section stores all messages you have written but not yet sent.

Drafts

This section stores draft versions of unsent messages.

Sent

This section stores all the messages you have sent.

Templates

In this section, you can save templates of frequently used messages.

Voicemail

In this section, you can configure voice mail reception settings.

Contacts

Phone numbers can be stored on the SIM card or in the phone memory (in the phonebook). The phone can store up to 500 contacts. The number of contacts that can be saved on the SIM card depends on the SIM card operator.
Phonebook entries are arranged in alphabetical order. Enter the first letter of the contact's name to go to the contact. To select a specific contact from the suggested list, use the Up/Down keys. To view other groups (family, friends, colleagues, classmates, etc.), use the Right navigation key.

Call Log

Missed Calls

In this menu item, you can find information about all missed calls.
If a missed call notification appears on the screen, you can select «Read» to go directly to the missed calls section. Here, you can browse the list of missed calls using the Up/Down keys, select the desired entry, and call back the subscriber by selecting «Call».

Outgoing Calls

In this section, you can view the list of dialled calls using the Up/Down keys and select the desired entry. The available options are: Call, Send message, Add to blacklist, Delete entry, or Save number.

Incoming Calls

In this section, you can view the list of received calls using the Up/Down keys and select the desired entry. The available options are: Call, Send message, Add to blacklist, Delete entry, or Save number.

Rejected Calls

In this section, you can view the list of rejected calls using the Up/Down keys and select the desired entry. The available options are: Call, Send message, Add to blacklist, Delete entry, or Save number.

Delete All

You can delete information about all recent calls.

Call Duration

Using this function, you can view the duration of all dialled and received calls, as well as the duration of the last call. You can also reset the counter.

Multimedia

FM Radio

This function allows you to listen to radio channels found by automatic search or already saved channels. Headphones must be connected to use this function. To manually search for radio channels, use the **Up** and **Down** navigation keys; play/pause — **OK** key.

Audio Player

This function allows you to listen to audio files. The player is controlled by various keys: play/pause playback (**OK** key), return to the previous file / skip to the next (**Down** and **Up** navigation keys), fast forward (press and hold the **Up** navigation key), fast rewind (press and hold the **Down** navigation key). To increase or decrease the volume, use the «*****» and «**#**» keys.

Gallery

Using this function, you can view images located on the memory card. Image selection is done using the **navigation keys**. Pressing the **left** function key starts editing. To revert to the original image state, use the **right** function key.

Camera

The built-in camera allows you to take photos by pressing the central key.
Note: This function works only when a memory card is installed in the phone.

Video Camera

The built-in camera allows you to record video clips by pressing the central key.
Note: This function works only when a memory card is installed in the phone.

Video Player

This function allows you to view video files. The player is controlled by various keys: play/pause (**OK** key), fast forward (press and hold the **Up** navigation key), fast rewind (press and hold the **Down** navigation key), return to the previous file / skip to the next (**Down** and **Up** navigation keys). To increase or decrease the volume, use the «*****» and «**#**» keys.

Voice Recorder

The voice recorder saves audio files in WAV and AMR formats. When recording in AMR format, a compression algorithm is applied, so the duration of an AMR recording can be longer than a WAV recording (for the same file size).

My Files

The phone supports a memory card (up to 32 GB). To manage files on the memory card and in the phone, you can use the file manager.

Organizer

Calendar

Allows you to view by months, weeks, or days to keep track of upcoming meetings, dates, etc. Days with scheduled events are highlighted in a different colour.

Alarm

This function allows you to set up 3 alarms.

Calculator

The built-in calculator allows you to perform basic arithmetic operations. To enter a decimal point, press «*****».

Bluetooth

Using Bluetooth technology, you can establish a wireless connection with any compatible device. You can also send images, videos, music, and any other files. Received data is automatically saved to storage.

World Time

You can set the time on the phone by selecting the time zone in which you are located.

Operator Menu

This menu provides access to the service portal offered by your network operator. The name and content of this menu are entirely determined by the available services. For more information about the sections in this menu, please contact your mobile network operator.

Settings

Emergency Calls

Press and hold the SOS key for a few seconds to activate the emergency call function.

Display Settings

In this menu, you can turn on/off the display of date and time on the screen in standby mode, change the wallpaper, adjust the brightness, screen and keypad backlight, etc.

Call Settings

- *Call forwarding:* Forwarding incoming calls under various conditions.
- *Call waiting:* This function is used to query the network about the current status of your phone (On/Off).
- *Hide number:* Enable/disable the display of your number to the called party.
- *Additional settings:* You can set a call duration reminder, auto redial, connect alert (vibration when connected), and enable auto call recording.

Phone Settings

- *Date and time:* Set the date, time, and their format. If you remove the battery from the phone or if the battery has not been charged for a long time, the date and time settings will be reset, so after you insert the battery into the phone or charge the battery, you will need to reset the date and time.
- *Language settings:* Select the language.
- *Shortcut keys:* Assign quick access function using the navigation keys.
- *Scheduled power on/off:* You can set the time when the phone should turn on or off.

- *Restore factory settings:* You can reset all the settings you have installed. Default reset code: 1234.

Security Settings

- *PIN code:* You can enable/disable the PIN code request function when turning on the phone. If this function is activated, you will need to enter the PIN code after each phone startup. If you enter the wrong PIN code three times, you will need to enter the PUK code to unlock the SIM card. The PUK code is used to unlock and change the PIN code. If you lose the PUK code, contact your cellular operator.
- *Change PIN2 code:* You can change the PIN2 code.
- *Phone lock:* You can enable/disable this function. Using this function, you can lock/unlock your phone. To do this, you need to enter the phone lock password. If the phone is locked, you will need to enter the password to unlock it when turning on the phone. Default password: 1234.
- *Change phone password:* You can change the default password.
- *Privacy:* You can set a password for specific folders and menu sections. Default password: 1234.
- *Screen lock:* Lock the screen with the End key.
- *Blacklist:* Subscribers whose numbers are added to the blacklist will not be able to call you.

Profiles

The phone has several profiles: General, Silent, Indoor. You can select the mode according to the environment you are in. To switch modes, press the **#** key in standby mode.

SIM Card Settings

In this menu, you can select which SIM cards will be active, or you can switch the phone to Airplane mode, in which all wireless communication functions will be disabled.

Troubleshooting Guide

Issue	Cause	Solution
SIM card error	The SIM card is damaged	Contact your network operator
	The SIM card is inserted incorrectly	Check the SIM card position
	The metal contacts of the SIM card are dirty	Clean the SIM card contacts
Weak network signal	The signal is blocked. Radio waves are obstructed by a nearby tall building or you are in the basement	Move to a location where the signal is not obstructed
	Network congestion during peak hours	Try to avoid using the phone during peak hours
The phone does not turn on	Low battery charge	Charge the battery
Unable to make a call	Call barring is activated	Disable call barring

The phone does not connect to the network	The SIM card is faulty	Contact your network operator
	The phone is out of network coverage	Move to an area with network coverage
	Weak network signal	Move to an area with a stronger signal
The battery is not charging	The charging voltage does not match the voltage specified on the charger	Ensure that the charging voltage matches the voltage specified on the charger
	Incompatible charger	Use the charger included with the phone or one recommended by the manufacturer
	Poor connection	Ensure that the charger connector is properly connected to the phone

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Mobile phone
Warranty Period: 12 months.
Service Life: 24 months.

Included battery and charger
Warranty Period: 6 months.
Service Life: 12 months.

Other included accessories
Warranty Period: 3 months.
Service Life: 6 months.

For the up-to-date list of authorized service centers, please visit: https://www.dns-shop.ru/service-center/

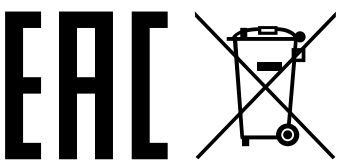
Additional Information

Manufacturer: Hubei Maigao Intelligent Technology Co., Ltd. 2nd and 4th Floors, Building 7, No. 3 Dali Avenue, High-tech Zone, Xiangyang City (in Zhenhua Yuke Industrial Park), China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



Production date (mm.yyyy): _____v.1

