

To reduce the risk of fire, electric shock and /or personal injury, please read this manual before using this unit. You must use the phone under the network cover. Don't use it where there is mark of close radio receiving or translating unit, including hospital, gas station and chemical storage, etc.

Welcome to use the CDMA fixed wireless phone (business type), which combines phone, send and receive text messages, clock display, caller ID with other functions, It adopts advanced Module, with new appearance, good performance and reliable quality. Easily installation, more flexible and convenient compared with corded phone. It can be used as long as there is power supply, and area covered by CDMA network.

This product meets the national standard indicators, the standards of implementation: YD/T1626-2007 fixed wireless telephone technical requirements and test methods.

Changes or modifications made in the desktop radio phone, not expressly approved by Kaer, will void the user's authority to operate the equipment.

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1 Safety Instructions

Warning:

Read the safety precautions and the user guide before use.

Explain their contents and the potential hazard associated with using the telephone to your children.



Liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.



Dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



Extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



Cleaning solutions

To clean your phone, use only a dry soft cloth.

Don't use alcohol or other cleaning solutions.



Microwaves

Don't try to dry your phone in a microwave oven.



The ground

Don't drop your phone.

2 Before Getting Started

Read and understand all instructions before using the phone, follow the warnings and instructions marked on the product.

- Ø This unit is an electrical device; do not use the phone when it is drenched in water or liquids. Unplug the line cord by disconnecting the modular jack before removing the phone from the liquid.
- Ø Do not place the phone near by bathtub, shower or similar environments, to avoid electrical shock.
- Ø Unplug the phone before cleaning it; do not use liquid cleaners or aerosol cleaners.
- Ø Do not use the telephone to report a gas leak in the vicinity of the leak.
- Ø Do not open the equipment
- Ø Our company special 4.6V/1A power adapter and batteries should be used. Improper battery replacement or use other power supply devices will be dangerous
- Ø The phone uses proprietary encryption UIM card, do not try to move the card to use it; also do not try to convert other UIM card into the phone to use, it will cause the UIM card be locked or

permanent damaged

Ø The charging time should be 12 hours for the first using.

3 Package contents

- 1) One KT2000 phone base unit
- 2) One handset
- 3) One coiled handset connecting cord
- 4) One antenna
- 5) One universal power adaptor
- 6) One set of battery
- 7) One user manual

4 Features and Specifications

Basic Features

1. External antenna
2. Large 128*64 Dot-Matrix Graphic LCD
3. R-UIM or No R-UIM
4. View Size: 53.2*28.2mm
5. Yellow-Green LCD Backlight
6. Speaker Phone for Ringing and Hand-Free Mode
7. 28 Keys with On/Off Key
8. Schedule, Alarm Clock, Calculator
9. Speed-Dialing
10. Two-Way SMS Messaging
11. Adapter AC Input : 100 ~ 240 VAC, 50~60Hz
12. Adapter DC Output : 4.6VDC @1000mA
13. Battery Capacity : 3.7V/800mAh Li+ Battery
14. Ultra Long Battery Talk and Standby Time
15. Antenna Conn Type: TNC
16. Size: 215(L) x 172(W) x 80(H) mm
17. Weight : < 1.0kg

SMS Features

1. 200-Items SMS + SMS in UIM (if used)

Phonebook Features

1. 200-Entry Contacts + Contacts in UIM (if used)
2. Quick Look in Phonebook
3. Contact Group: Family, Friends, Colleagues, Business, Classmates, Others

Call history

1. Incoming Calls (10pcs)
2. Outgoing Calls (10pcs)
3. Missed Calls (10pcs)

Call Features

1. Emergency call
2. Caller ID
3. Call Waiting, Forwarding

Customized Features

1. Lock card

2. Lock phone
3. Lock zone

Selectable Features

1. Desktop or Wall-mounted
2. Casing Colors: grey, black blue

Technical Specifications

Items	Parameters
Emission Power	23 dBm
Frequency Range	CDMA 800MHz
Receiver Sensitivity	< -104dBm
Environment Temperature	-10°C ~ +50°C
Humidity	0%~95%
Air Pressure	86~106KPa

5 Ready for Installation

- Ø Install UIM card well (Don't install it when power on).
- Ø Power on: Insert one end of adapter into power jack, the other into the phone jack.
- Ø To void that the power failure stop your normal conversation, you are recommended to install private battery.
- Ø Battery installation: Open the battery cover, first plug the Li-ion battery into the battery connector inside the battery compartment, and then pace it inside the battery compartment.

Fix the battery by foam-rubber cushion. Finally, close the cover.

- Ø New batteries are not fully charged. Your phone might take several seconds to start charging the battery, and might require several hours to charge fully. The display shows Charge Complete when finished.

- Ø Antenna setting method: Twist the antenna perpendicularly up to the screw pillar in the right side of the base unit tightly.

Before use, make sure the power of phone being on and UIM card insert correctly, then wait Internet Service Provider name appear on the screen to get started.

Warnings: Before pull out UIM card, phone should power off. Inserting or pulling out UIM card is not allowed absolutely when external power connect, otherwise, UIM card maybe damaged. Please avoid touching the Metal surface of SIM card and place the SIM card far away from the electric and magnetic area to prevent the information in SIM card from being lost or damaged.

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. 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.

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.

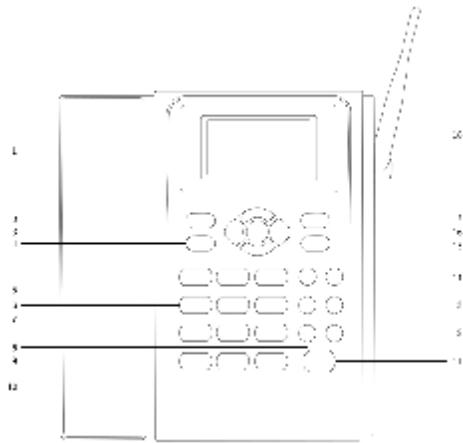
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Note:

- *If not used for a long time, please unplug the battery plug from the jack;*
- *When using it, connect the AC adaptor with the outward power, plug the battery to the jack, open the power switch, then the phone is charging and working. When is charged, the phone will close it automatically. No need to close the power and unplug the power plug;*
- *The charging time is more than 8hours when the battery is charging.*

6 General Appearances

6.1 Keys Location



1、LCD 2、left key 3、ok 4、send
5、phonebook 6、numerical keys 7、set 8、KF
9、symbol 10、switch 11、hands free 12、redial
13、CALL LOG 14、delete 15、on/off 16、direction key
17、right key 18、antenna

6.2 Keys description

·OK/Left:

In standby status, press the key to enter main menu;
In menu status, press the key to enter the next sub-menu or the level menu surface.

·Delete:

In menu status, press the key to return to the last menu status, and main function is to complete the exit function;

In edit status, press the key to delete the last word;

In dialing or send message status, press the key to delete the last character.

·Right:

In menu status, press the key to return to last menu;

In dialing status, press the key to delete the digit.

·On/Off:

In menu status, press the key to quickly exit to standby state;

On-hook state, press the key to reject the coming call when calling (do not disturb function);

In the calling status, press the key to end the current calling and return to standby status;

In off state, press the key for some seconds, the phone will enter boot state.

In on state, press the key for some seconds, the phone will enter close/off condition.

·Set key:

In on-hook status, press the key to enter set menu.

·Numerical keys:

In on-hook, off-hook or hands free status, press the related keys to dial out the phone number;

In input state, input the corresponding letter according to different input methods.

·# Key:

In input state, press the key to enter the switch between input methods.

.* key:

In input state, press the key to input the special symbol.

·Send key:

Dialed out the numbers, press the key to make a call.

In on-hook state, press the key to review the dialed number, press again, can dial out the number.

·Up/Down key:

In menu state, press the key to browse page;

In edit and browse state, press the key to move the cursor to change lines;

In on-hook state, press the key to adjust the volume.

.Left/Right key:

In standby state, press [left] to quickly edit the message, press [right] to quickly read the received message;

In edit and browse state, press the key to move the cursor.

·Redial: press the key to dial the last dialed number.

·HF: No need to pick up the handset to dial, press the key to have hands free function.

·KF: To set the quick dialed number.

7 Function Operations

7.1 Make a call

- 1) In standby state, press the numerical key to dial out;
- 2) Pick up the handset or press[HF] to get dial tone, then press

the numerical key;

- 3) After dialed the phone number, the LCD screen will display the dialed number, press [delete] to erase wrong inputted number if needed;
- 4) After finished inputting the number, press[send] or wait for a moment to dial out the number(setup option for call delay can be modified);
- 5) Once getting through the line, the LCD screen will display the talking time;
- 6) Dial out from the phonebook:

Press [UP] or [DOWN] to check the phone numbers and names to select the wanted number and press [send] to dial out.

7.2 Receiving a call

When incoming call is coming, pick up handset or press [HF] to receive the call.

7.3 Ending a call

Pick up the handset to get a call, hang up to end the call.

Hand free phone; press [HF] to end the call.

Press [on/off] to end the call.

7.4 Reject the incoming call

When the incoming call is coming, you can press [delete] or [on/off] to reject the incoming call.

7.5 Redial

In standby state, press [redial] to redial the last dialed number.

7.6 Dialed calling

In standby state, you can press [send] to review the dialed number.

7.7 Hands free

In standby state, press [HF] to get the dial tone, and then dial the number.

7.8 Speaker Volume

In standby state, press [Down] to enter the set, to adjust the volume for ringing, pressing, and handset and hand free; also can adjust the volume in **phone set -voice set -volume**.

7.9 Editing message

In standby state, press [left] to quickly edit the message;

In standby state, press [right] to quickly read the message.

The phone supports text entry Digit, English text input mode. Press [#] to switch the text input mode, Press [*] to choose punctuation; press [0] to input the space.

7.10 Manually setup the No R-UIM

If the phone has made the manual setup by the operator, the user doesn't need to do the related settings again, use the phone as usual; If the phone has not been done, the user can contact the operator and do the settings as following steps:

- 1) Don't insert the UIM card, power on the phone to enter the standby interface.
- 2) In the standby status, input the order #*68460, the default password is 000000; if forget this password, please use the super password 5080. Then choose NAM1 or NAM2, normally we select NAM1.
- 3) Following the menu, set the MIN (10 digits), A-KEY (20 digits), MCC, MNC (the operator name showing in the standby status), other items can use the default one, or

revise according the reality. (Note: This information should be provided by the local operator.)

- 4) Save the information and exit from the menu, and then restart the phone.

[Note]: Don't change the above information randomly after setup following the operator's requirement; otherwise, it will cause the phone not working.

8 Common problems and causes

Malfunction phenomenon	Possible Cause
Can not turn on	1. Batteries are weak. 2. Power Adapter does not connect.
PIN code error	1. Insert wrong UIM card. 2. UIM card has been locked; professional officer is needed to initialize the phone.
“Fall line” in communication	1. Batteries are weak. 2. Signal strength is weak.
Low level Volume	Under talking status, press up key / down key to adjust volume; Reset “Phone Setting”- “volume setting” in idle mode.

KTC140-TY02(X)