



C220

CDMA 1X Digital Mobile Phone

User Manual

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1 General Information

1.1 Welcome

Thank you for using C220 CDMA 1X Digital Mobile Phone.

To guarantee the mobile phone always in its best condition, please read this manual carefully and keep it for further use.

The pictures, symbols and contents in this manual are just for your reference. They might not be completely identical with your phone. ZTE operates a policy of continuous development. We reserve the right to update the technical specifications in this document at any time without prior notice.

1.2 Security

- If your mobile phone is lost or stolen, please report to your service provider or proxy agencies. (You need to provide the phone's ESN number labeled on the back of the mobile phone. You can see the ESN number after removing the battery. Please keep the ESN number for future use.)

1.3 Safety Warnings

To the owner

- Some electronic devices are susceptible to electromagnetic interference sent by mobile phone if inadequately shielded, such

as electronic system of vehicles. Please consult the manufacturer of the device before using the phone if necessary.

- Operating of mobile phone may interfere with medical devices like hearing aides and pacemakers. And Do not carry mobile phone in the breast pocket. Turn the mobile phone off if necessary. Consult a physician or the manufacturer of the medical device before using the phone.
- Be aware of the usage limitation when using a mobile phone at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed, because even if your phone is in standby mode, it still transmits radio frequency (RF) energy. Therefore, turn off your phone if required.
- Do not extend the antenna or touch any exposed parts of the antenna during a call, otherwise it will affect the quality of calling and waste battery energy. If a damaged antenna comes into contact with your skin, a minor burn can result.
- Pay attention to traffic safety. Do not use your mobile phone while driving. Park before making or answering a call.
- Store the phone out of the reach of little children. The phone may cause injury if used as a toy.

Mobile phone

- Please use original accessories or accessories that are authorized by the manufacturer. Using any unauthorized accessories may affect your mobile phone's performance or even cause danger to your body and violate related national regulations about telecom terminals.
- If you want to clean your phone, please use clean fabric that is a bit wet or anti-static. Do not use harsh chemical cleaning solvents or strong detergents to clean it. Turn off your phone before you clean it.
- As your mobile phone can produce electromagnetic field, do not place it near magnetic items such as computer disks.
- Using the phone near electrical appliances such as TV, telephone, radio and personal computer can cause interference, which affects the function of the phone.
- Do not expose your mobile phone to direct sunlight or store it in hot areas. High temperatures can shorten the life of electronic devices.
- Prevent liquid from leaking into your phone.
- Do not drop, knock or harshly treat the phone. Rough handling can break internal circuit boards.
- Do not connect the phone with other unauthorized peripheral equipments.

- Do not attempt to disassemble the mobile phone and battery by yourself. Non-expert handling of the devices may damage them.
- Do not charge the mobile phone without battery.

Battery use

- Do not short-circuit the battery, as this can cause excessive heat to bring about fire.
- Do not store battery in hot areas or dispose of it in a fire.
- The battery can be recharged for hundreds of times, but it will eventually wear out. When the operating time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new one.
- Never use any charger or battery damaged or worn out.

Warning: If the battery is broken, keep away from the content. If it taints your skin, wash your skin with abundant fresh water and ask help from the doctor if necessary.

Safety and general use in vehicles

- Before making or answering a call, you should pay attention to the local laws about the use of wireless mobile phones and take them into account in practical use.
- Safety airbag, brake, speed control system and oil eject system shouldn't be affected by wireless transmitting. If you do meet problems above, please contact your automobile provider.
- Please turn off your mobile phone when refueling your

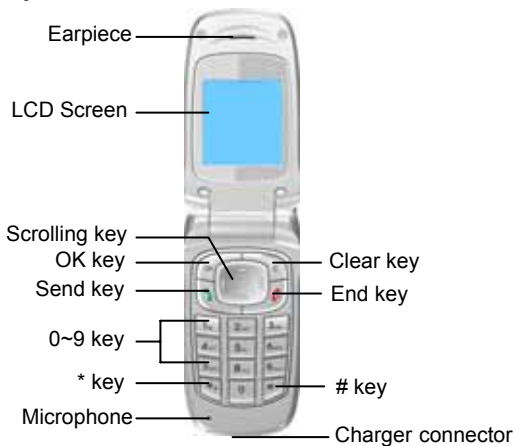
automobile, and do the same to the place where duplex wireless equipments are banned. Don't put your phone together with flammable or explosive items, inner spark may cause fire.

Aircraft Safety






- Please turn off your mobile phone before the airplane takes off. In order to protect airplane's communication system from interference, it is never allowed to use mobile phone when it is in flight. Using mobile phone before the plane taking off should get aircrew's permission according to safety regulations.

2 Know your phone

2.1 Key Definition











| Icon | Key | Function description |
|------|-----------------|---|
| | OK Key | <ul style="list-style-type: none"> ● Confirm the option. |
| | Send Key | <ul style="list-style-type: none"> ● Calling and receiving calls. ● Press the key in standby mode to enter outgoing calls list, and re-press the key to redial the last number. |
| | End Key | <ul style="list-style-type: none"> ● Finish or reject calls. ● Power on/power off. |

| | | |
|---|---|--|
| | | <ul style="list-style-type: none"> ● In some interface of menu, return to standby mode or menu of previous level. |
|  | Clear Key | <ul style="list-style-type: none"> ● Erase characters when editing, ● Cancel operation, return the menu to previous level. |
|  | Up/Down Key (Scrolling Key) | <ul style="list-style-type: none"> ● Up/Down Key is used to scroll in the list or options of menu, adjust volume while calling. ● In standby mode, hold Up Key to set Silence, Press Down Key to view all the records in the contacts. |
|  | Left/Right key (Scrolling Key) | <ul style="list-style-type: none"> ● Left/Right key is used to scroll cursor left and right. ● In standby mode, press Left Key to enter Recent Calls menu, press Right Key to enter messages menu. ● It is used as direction key in games. |
|  | 0~9 Key | <ul style="list-style-type: none"> ● Enter numbers and characters. |
|  | *Key, # Key | <ul style="list-style-type: none"> ● They have different functions in different mode or function menu. |

Note: In this manual, “press” the key means to press the key

and then release it, “hold” the key means to press the key for two seconds or more.

2.2 Instruction of Interface Icon

| | |
|---|------------------|
|  | Signal strength |
|  | New Message |
|  | Silent Mode |
|  | Alarm |
|  | Roam Instruction |
|  | Vibration |
|  | New Voice Mail |
|  | Power Indicator |

2.3 Technical Parameters

Handset

| | |
|-------------------|---|
| Type | C220 |
| Dimensions | (Width×Height×Thickness) 43mm×83mm×22mm (Not Including Antenna) |
| Weight | <85g (Including Battery) |

Lithium Battery

| | |
|-------------------|---------------------------------|
| Continuous | About 80h ~ 160h(Related to the |
|-------------------|---------------------------------|

| | |
|-----------------------------|--|
| Standby time | condition of Network) |
| Continuous talk time | About 2h ~ 4h(Related to the condition of Network) |

Please refer to the real objects for the related parameters about the battery and charger.

2.4 Battery

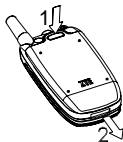
The attached lithium battery along with the phone can be used after unpacking it. For the first three times, please consume the power completely and charge it fully.

2.4.1 Removing and Installation of Battery

◆ Removing:

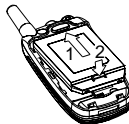
① Press the spring latch of the back-cover down, then push down the back-cover of battery.

② Push forward from the end of the battery and raise up, then removing the battery.



◆ Installation:

① Insert the battery into the battery slot, Take care to insert the upper end of the battery first,



② Put the back-cover of the battery upon the body of phone. After ensuring that the hook of the flank has been put into the slot, push the back-cover of the battery up and lock the spring latch.



2.4.2 Charging of the battery

- ◆ Insert the connector of the charger into the bottom- slot of the phone (Note: The side with arrow should be upright while the charger is being plugged in.
- ◆ At this time, the indicator light on the cover will turn red indicating that it is in charging mode. Open the flip, the power indicator at the upper right side on the phone's screen will cycle. When the phone is charged in power-off mode, it will indicate the charging icon. If the phone is over-used, it is possible that the charging indicator may not appear on the screen immediately after the handset is connected for charging.
- ◆ When the indicator light on the cover turns green, and the indicator on the inner screen does not flop, it indicates that the battery has been fully charged. Generally the whole charge process needs 2~3 hours. During the charger process, the battery, phone and charger may become hot, and this is




normal.

- ◆ Please disconnect the charger with the phone and the power outlet when charging finished.

Note:

- Please put the phone at the ventilated place with temperature between $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$. Please use charger approved by the phone manufacturer. Using unauthorized charger may cause danger and violate the authorization and warranty rules applying to the phone.
- Please charge the battery when your phone is automatically switched off or displays information of power shortage.
- The phone's talk time and standby time are based on ideal working environments. In practice, the battery work time varies with different network conditions, work environments and modes.

2.5 Connecting to the Network

Please hold **End Key**  to power on/off the phone. The phone will automatically search for the network.


When the connection is set up, the phone will enter the standby mode. Besides sending and receiving calls, you can also do the following:

- ◆ Press **OK Key** to enter menu.
- ◆ Hold **Up Key** to set the phone on silent mode.
- ◆ Press **Down Key** to view your contact list.

- ◆ Press **Left Key** to enter **Recent Calls** menu.
- ◆ Press **Right Key** to enter **Messages** menu.

3 Basic Operations

3.1 Making a call

You can make or answer calls in standby mode. The signal strength bar  in the upper left corner of the screen shows the network signal strength. If there is no bar, please move to a place where the intensity of receiving signal is better.



- ◆ **Making National Call:** Enter telephone number by **Number Keys** (add area code when making a long distance call), and then press **Send Key** to send a call. Hang up the phone by **End Key** if the call is over.
- ◆ **Making International Call:** Input the prefix “0011” of international call, then enter the country code and complete phone number and then press **Send Key**.
- ◆ **Dialing the number in the List:** All calls you recently dialed or received are saved in your phone. All numbers are grouped as Missed Calls, Incoming Calls and Outgoing Calls. When the list is full, old numbers will be deleted automatically.

You can check the list by the following operations:

- ◇ In standby mode, press **Left Key** to select and view.
- ◇ All the numbers in the list can be directly dialed by **Send Key**.

3.2 Answering Calls

When the call is incoming in standby mode, the phone will alert using ringer or vibration to prompt according to subscriber's settings. Simultaneously, the colorful light on the cover will also twinkle to prompt.

- Press  to answer the call.
- Press  to end the call and the inner screen will temporarily indicate call duration.

3.2.1 Set Any Key Answer

1. Select **Menu**→ **Settings**→ **Accessories**→ **Any Key Answer**.
2. Select **On**, and press **OK Key**.

When there is an incoming call, you can press any key to answer the call, except **End Key**.

3.2.2 Incoming Call Silence

- When the call is incoming, press **OK Key** to select **Silence** to mute the ringer tone.
- This operation will mute the current incoming call only. The phone will ring as the normal way at next incoming call.

3.2.3 Silence in Conversation

During calling, you can press **OK Key** to select **Mute** to let the other party temporarily not hear your voice, Re-press **OK Key** to select **Unmute**.

3.2.4 Adjust the Volume in Conversation

Press **Up/Down Key** to adjust volume of headphones during a call.

3.2.5 Operation Menu in Conversation

You can operate menus such as **Contacts** during a calling.

Press **Right Key**, select **Menu** to enter **Contacts** during a calling.

3.3 Viewing Missed Calls

When there are missed calls, if the function of alert is set, the colorful light on the cover of phone will twinkle once every one minute until it is confirmed, The inner screen will indicate "Missed×Calls". "×" indicates the number of missed calls.

- Press **OK Key** to select **OK** and clear screen, and then return to the standby mode.

- Press **Right Key**→ **OK Key** to select the **Calls** to enter the list of missed calls.

3.4 Structure and Application of Function Menu

- ◆ Function of scrolling search: In standby mode, press **OK Key** to enter function main menu, press **Up/Down/Left/Right key** to select option.
- ◆ In the function menu, press **Up/Down Key** or **Left/Right key** to select option according to the prompt in the screen. Press **OK Key** or **Clear Key** to select or exit menu option.

- ◆ If options are displayed on the bottom of the screen, press **OK Key** to move cursor to there, then press **Left/Right key** to select option. Press **OK Key** or **Clear Key** to confirm or exit options.

The main menu of phone contains following options: Contacts, Messages, Recent Calls, Settings, Extra, and Phone No.. Please refer to the latter part of this manual for the detailed information.

4 Contacts

You can save contact names, phone numbers and information in the phone's memory (phone) .

Note: In standby mode, you can press **Down key** to view **All Contacts** list. Scroll to a record in the list, and then press **Send Key** to dial the corresponding number.



4.1 Find Records

You can find records in the **Contacts** by name or you can enter letter by pressing digit key to go to the record of the name with similar initials.

1. Select **Menu**→**Contacts**→**Find**.
2. Input the name you want to find, press **OK Key** to select **Find**.
3. It will display records corresponding to the name.

Select contact record, press **OK Key** to view options and record

information such as the phone number, email, address, web page.

Press **Options**, then you can edit the details of this contact.

Or

Select the displayed information of this contact, Press **OK Key**, then you can edit the details of the corresponding information.

4.2 Add New Record

1. Select **Menu** → **Contacts** → **Add New**.
2. Select the information you want to add: **Phone, Email, Address, and Web Page**.
3. After entering corresponding information, press **OK Key** twice to select **Next**, and enter the name of the contacts.
4. After the name have been entered, select **Next**.
5. Scroll to the just-added information (such as phone number) , and Press **OK Key**. Further operations can be executed (Such as **Number Type, Edit, Erase, Add to Speed Dial**) .
6. Scroll to **Options** and Press **OK Key**.
 - **Add New**: Add new information.
 - **Edit Name**: Edit name of the contacts.
 - **Classify Contact** : Divide records into personal group or business group.
 - **Erase Contact**: Erase this record.

Save phone number in standby mode:

In standby mode, enter phone number, press **Left/ Right key** to

select **New/To Existing**, save the number to the new contact or existed contact.

4.3 View Records

1. Select **Menu** → **Contacts**.

2. Select any of the following options to view the corresponding record information:

—**View All**: All records in the phone.

—**Personal**: All records in personal group.

—**Business**: All records in the business group.

When there is no stored record in Contacts, it will indicate “No contacts found”. If records are stored, it will indicate the list of records.

3. Scroll to a record and press **OK Key**.

4. Select **Options**, you can edit the details of this record. Please refer to the section 4.2.

5. If you scroll to one of the displayed information of this record and press **OK Key**. Further operation can be executed. For example, if you select number saved in phone, you can set **Number Type**, **Edit number**, **Erase** the number, and **Add to Speed Dial**.

4.4 Set Speed Dial

You can quickly dial the preset number by pressing 2~99 digit keys in standby mode. 1 key is used for voice mail number.

1. Select **Menu** → **Contacts**.

2. Select **View All** or **Find** to select the record which you want to

add speed dial number to.

3. Scroll to the phone number and press **OK Key**.
4. Scroll to **Add to Speed Dial**, and press **OK Key**.
5. Select a vacant speed dial number and assign it to the number.

4.5 View and Use Speed Dial List

View:

Select **Menu**→ **Contacts**→ **Speed Dial List**, it will display all number in Speed Dial list.

Dial:

Option 1: In speed dial list, scroll to the record and press **Send Key** to dial the preset number.

Option 2: In standby mode, hold corresponding digit key to dial directly. If the speed dial number is one-digit, directly hold the digit key. If the speed dial number is two-digit, press first digit key and then hold the second one. For example: If the speed dial number is 18, you should press 1 key first, and then hold 8 key, thus it can dial directly.

4.6 Memory Status

Select **Menu**→ **Contacts**→ **Memory Status**, then you can view the number of saved entries and maximum number of entries saved in the phone.

5 Messages

This chapter will introduce how to send, receive and erase the messages.



Note: The function and menu introduced in this chapter may differ with different service your area offers. Please consult with your service provider for more detailed information.

5.1 Send a New Message

You can send/receive text/voice mail messages freely if the network supports this service. Contact your service provider for details.

1. Select **Menu** → **Messages** → **Create Message**.

2. Enter phone number

- Or -

Press **Down key** and **Right key** to select phone number from **Contacts**.

3. Select **Continue** to input message.
4. Select **Continue**→**Send**, and press **OK Key** to send.

5.2 Send Templates Message

Your phone have stored a set of messages in common use for you to write messages quickly, such as “Call me” , “Can I call you?”

1. Select **Menu**→ **Messages**→ **Preformatted Msg.**
2. Scroll messages list and press **OK Key**.
3. Enter phone number or select in the list of **Contacts**, and press **OK Key** to continue.
4. When prompted, the message content can be edited.
5. Press **OK Key** to select **Continue**.
6. Then, select **Send** to send the message, select **Save** to save it to OutBox.

5.3 Receive incoming call when editing message

- If you do not want to answer the incoming call, press **End Key**.
- If you want to answer the incoming call, press **Send Key**. The message you are editing will be stored in OutBox. After you end the call, you can retrieve the message from OutBox and continue to edit and send it.

5.4 Read Messages

On receipt of a new message, the phone will prompt you by

vibration or ringer, and the colorful light on the cover of the phone will twinkle. Open the flip, screen will indicate "MESSAGE!" and you can press **OK Key** to view details. The new message will be automatically stored to mobile phone. Please erase old messages as soon as possible to leave space to receive new messages.

1. Select **Menu**→ **Messages**→ **InBox**.

2. Scroll to the message you want to read.

3. Press **OK Key** to read message. Screen will automatically scroll page by page. You can also press **Up/Down Key** to scroll.

4. After reading, press **Left/Right Key** to select:

—**Next**: View the next message.

—**Erase**: Erase this message.

—**Forward**: Send the message to other recipients.

—**Reply**: Reply message to the sender.

—**Sender**: Select **Call** to call back, select **Reply** to reply message to sender, select **New** to save sender' s number to contacts, select **To Existing** to save the sender' s number to existed records in the contacts.

5.5 View OutBox

1. Select **Menu**→ **Messages**→ **OutBox**.

2. Scroll Message List.

3. Press **OK Key** to read message.

4. At that time, select **OK** to return the list, select **Erase** to delete the message, select **Send** to send the message, select **Forward** to

send the message to other recipients, select **Edit** to edit and send the message.

5.6 Erase Messages

You can erase messages while reading messages, erase messages one by one or all from InBox and OutBox.

5.6.1 Erase message

1. Select **Menu**→ **Messages**.
2. Select messages storage location: **InBox** or **OutBox**.
3. Press **Up/Down Key** to select the desired messages.
4. Select **Erase** to erase message. “Erase this message?” will be prompted.
5. Select **Yes**, erase this message.

5.6.2 Erase All Messages

1. Select **Menu**→ **Messages**→ **Erase Messages**.
2. Select an option from list:
 - **No**: Return to previous screen.
 - **Entire InBox**: Erase all messages in InBox. If deletion is selected, the prompt of “Entire InBox?” will appear. Select **Yes** to erase.
 - **Entire OutBox**: Erase all messages in OutBox. If deletion is selected, the prompt of “Entire OutBox?” will appear. Select **Yes** to erase.
 - **Old InBox**: Erase all the read messages in InBox. If deletion is

selected, the prompt of “Erase all old InBox messages?” will appear. Select **Yes** to erase.

5.7 Access Voice Mail

Before using voice mail, please consult with network service provider to confirm that the voice mail has been activated.

If you get a new voice message, the system will automatically send a message to your phone. Select **Voice Mail**, read the message and then dial voice mail box number to listen to your voice message.

Please hold  to dial the voice mail box number.

Note: The function needs network support.

5.8 Message Settings

5.8.1 Message Alert

You can select the alert type to prompt receipt of new message.

1. Select **Menu** → **Messages** → **Message Settings** → **Message Alert**.

2. Select an option from list:

- **None:** No prompt.
- **Vibrate Once:** Phone vibrates once.
- **Vibrate & Remind:** Phone vibrates once every one minute. The colorful light on cover twinkles until the confirmation of the message.
- **Alert Once:** Phone rings once.

- **Alert & Remind:** Phone rings once every one minute. The colorful light on cover twinkles until the confirmation of the messages.

3. Press **OK Key**.

Note: If you have set **Silence ALL** option in **Settings** menu as **Vibe Only** or **Lights Only**, the phone will prompt according to that setting.

5.8.2 Auto Erase Inbox

This setting can be used to automatically erase read messages.

1. Select **Menu** → **Messages** → **Message Settings** → **Auto Erase Inbox**.

2. Select **Enable** and press **OK Key**.

6 Recent Calls



6.1 View Recent Calls

Information of Missed Calls, Incoming Calls and Outgoing Calls including the name, phone number of the caller and the talk time and duration is stored in the **Recent Calls**.

1. Select **Menu** → **Recent Calls**.
2. Select **Missed Calls**, **Incoming Calls** or **Outgoing Calls**.
3. Press **OK Key**.
4. Select one entry of the records and press **OK Key**.
5. Select one from the list of options:
 - **Call Information**: Indicate number and call time.
 - **Delete Entry**: Delete this record.
 - **Send SMS Message**: Send a message to the number.
 - **Save New**: Save the number in the contacts.

- **Save to Existing:** Add this number to the existed record in the contacts.

6.2 Erase Recent Calls List

You can erase all record at one time.

1. Select **Menu**→ **Settings**→ **Security**.
2. Enter password and press **OK Key**.
3. Select **Erase All Recent Call List?** The screen indicates “Erase All Recent Call List?”
4. Select **Yes** to erase all.

7 Settings



Your handset can set different parameters to suit your requirement. The sub menu includes: **Silence All**, **Supp.Services**, **Sound**, **Display**, **Alert**, **Call Timers**, **Security**, and **Accessories**.

7.1 Silence All

Select **Menu**→**Settings**→ **Silence All** to set the alert type of handset. There are three options:

– **Normal**: No special ringer and message alert type have been set.

– **Vibe Only**: No ringer. Only Vibration and backlight.

– **Lights only**: No ringer and vibration. Only backlight.

Note: In any case, the colorful light on the cover of the phone will twinkle while there are alerts.

7.2 Supp.Services

When network supports Supp. services, you can set call waiting and call forwarding.

Note: The function needs network support. Please consult with the service provider for details.

7.2.1 Call Waiting

This function enable you to receive or dial the second call and keep the first call. And you can switch between the two calls.

◆ **Activate:**

Select **Menu → Settings → Supp.Services → Call Waiting → Activate**. Register this function.

◆ **Deactivate:**

Select **Menu → Settings → Supp.Services → Call Waiting → Deactivate**. Cancel the function.

7.2.2 Call Forwarding

This function enable you to transfer some incoming calls to other preset numbers.

Please contact with your service provider for details.

Select **Menu→Settings→Supp.Services →Call Forwarding** to enter menu of call forwarding.

1. Set call forwarding number.

Select **Number** and press **OK Key**. Input the destination number

to which the call will be transferred to. If you are going to transfer incoming call to 12345678, input: 12345678, press **OK Key** twice and confirm, and then return to menu.

2. Set types of call forwarding

Select call forwarding type and press **OK Key**.

—**All**: Divert all calls.

—**Busy/ No Answer**: Divert calls when the handset is busy.

If the number has been set, directly press **OK Key** to select **Activate**. If the number has not been set then after pressing **OK Key** and select **Activate**, input the destination number, press **OK Key** twice, and then press **OK Key** to select **Activate**.

3. Cancel Call Forwarding

Select the type of Call Forwarding and press **OK Key**. Press **Left**, **Right Key** to select **Deactivate** and press **OK Key** to confirm.

7.2.3 Caller Number Identification Restriction (CNIR)

If you active CNIR, when you make a call, you can hide your Caller ID.

Note: This setting is valid for only once. If you want to hide your number for another call, you need active it again.

1. Select **Menu**→**Settings**→**Supp.Services** →**CNIR**→ **Number**.

Set the number you want to make a call and to which your number will be hidid.

2. Select **CNIR**, select **Activate** to enable CNIR, select **Deactivate** to disable CNIR, select **Cancel** to exit.

7.3 Sound

7.3.1 Volume

You can adjust the volume of ringer, earpiece and key beep.

1. Select **Menu** → **Settings** → **Sound** → **Volume**.
2. Select **Ringer** (When earpiece is inserted, it is **Earpiece Ringer**), **Earpiece** or **Key Beep**.
3. Press **Up/Down Key** or **Left/Right Key** to adjust volume.
4. Press **OK Key** to save setting value.

7.3.2 Alert Type

You can select the alert type when receiving incoming call.

Note: In any case, the colorful light on the cover of the phone will twinkle while there is an incoming call.

1. Select **Menu** → **Settings** → **Sound** → **Alert type**.
2. Select an option from the list:
 - **Off:** Set handset on silent mode and only display the backlight to prompt the incoming call.
 - **Ringer:** Set handset as ringer to prompt the incoming call.
 - **Vibration:** Set handset as vibration to prompt the incoming call.
 - **Vibe + Ringer:** Set handset as ten-second vibration, then continuous ringer to prompt the incoming call.

Note: If the **Silence All** option of **Settings** menu is set as **vibe**

Only or **Lights Only**, it follows the setting of silence option of setting menu.

7.3.3 Ringer Type

C220 handset offers various ringers.

1. Select **Menu**→ **Settings**→ **Sound**→ **Ringer Type**.
2. Press **Up/Down Key** to scroll in the list and press **OK Key** to select.

7.3.4 Key beep

Key beep is the sound of clicking of keys. You can set the sound as on or off.

1. Select **Menu**→ **Settings**→ **Sound**→ **Key Beep**.
2. Select an option:
 - Tones**: Set key beep on.
 - Off**: Set key beep off.

7.3.5 Key Tone Length

You can change the key tone length.

1. Select **Menu**→ **Settings**→ **Sound**→ **Key Tone Length**.
2. Select an option:
 - Normal**: Short and fixed-length DTMF tone.
 - Long**: Long DTMF tone.

7.3.6 SMS Ringer Type

1. Select **Menu**→ **Settings**→**Sound**→**SMS Ringer Type**.
2. Press **Up/Down Key** to scroll in the list and press **OK Key** to select.

7.3.7 Clock Ringer Type

1. Select **Menu**→ **Settings**→**Sound**→ **Clock Ringer Type**.
2. Press **Up/Down Key** to scroll in the list and press **OK Key** to select.

7.4 Display

7.4.1 Select wall paper

You can select different wall papers as background in standby mode.

1. Select **Menu**→ **Settings**→ **Display**→**Wall Paper**.
2. Press **Up/Down Key** to scroll the list and press **OK Key**.

7.4.2 Adjust contrast of screen

1. Select **Menu**→**Settings**→**Display**→ **Contrast**.
2. Press **Up/Down Key** or **Left/Right key** to adjust the screen contrast.
3. Press **OK Key** to confirm.

7.4.3 Adjust brightness of screen

1. Select **Menu**→**Settings**→**Display**→ **Brightness**.
2. Press **Up/Down Key** or **Left/Right key** to adjust the screen brightness.
3. Press **OK Key**.

7.4.4 Select different time format

1. Select **Menu**→ **Settings**→ **Display**→ **Time Format**.
2. Select **AM/PM** or **24 HR**.
3. Press **OK Key**.

7.4.5 Change banner

Banner is your handset's personal label that is displayed on the top of screen.

1. Select **Menu**→ **Settings**→ **Display**→ **Banner**.
2. Press **OK Key** and select **Edit**.
3. Enter new characters. Press **Clear key** to clear characters.
4. Press **OK Key** twice in order to select **Save**.

7.4.6 Select different language

Your handset only supports English language.

7.4.7 Set backlighting

When you are in the conversation or pressing keys, the screen will light up. You can change the duration and type of the backlights.

1. Select **Menu**→ **Settings**→ **Display** →**Backlighting**.
2. Select an option from the list:
 - Off**: Switch-off backlight.
 - 10s**: The backlight will be kept on for 10 seconds.
 - 30s**: The backlight will be kept on for 30 seconds.
 - 10s and in call**: The backlight will be kept on for 10 seconds after last key-pressing and in conversation.
 - 30s and in call**: The backlight will be kept on for 30 seconds after last key-pressing and in conversation.
3. Press **OK Key** to confirm your selection.

Note: If the backlight is switched on during conversation, it will consume power quickly and reduce the talk time and standby time.

7.5 Alert

1. Select **Menu**→ **Settings**→ **Alert**.
2. Select an option from the list and press **OK Key**. Select **Enable** to switch on. Select **Disable** to switch off.
 - Missed Call**: When there are missed calls, alert.
 - Roaming**: When the handset is in roam mode, alert.
 - Service**: When entering or leaving service area, alert.
 - Minute Alert**: In conversation, alert you ten seconds ahead of every minute.

7.6 Call Timers

Your phone can record the talk time of dialing and receiving call.

1. Select **Menu**→ **Settings**→ **Call Timers**.

2. Select an option from the list and press **OK Key**.

—**Outgoing Calls**: Indicate the talk time of all dialed call. The timer can be reset.

—**Incoming Calls**: Indicate the talk time of all received call. The timer can be reset.

—**All Calls**: Indicate the talk time of all dialed and received call. The timer cannot be reset.

3. If wanting to clear data, select **Reset** and press **OK Key**.

7.7 Security Setting

Please enter right password to enter this menu. The default password is 1234.

7.7.1 Change password

1. Select **Menu**→ **Settings**→**Security**.

2. Input password and press **OK Key**.

3. Scroll to **PIN Change** and press **OK Key**.

4. Input new password and press **OK Key**.

7.7.2 Erase All Recent Calls

1. Select **Menu**→ **Settings**→ **Security**.

2. Input password and press **OK Key**.

3. Scroll to **“Erase All Recent Call List?”** and press **OK Key**.

4. Screen indicates information of **“Erase All Recent Call List?”**

5. Select **Yes** to erase all Recent Calls. Or select **No** to cancel.

7.7.3 Erase All Contacts

You can erase all records in contacts.

1. Select **Menu**→ **Settings**→ **Security**.
2. Input password and press **OK Key**.
3. Scroll to **“Erase All Contacts?”** and press **OK Key**.
4. Screen indicates the information of **“Erase All Contacts?”**
5. Erase **Yes** to erase all contacts saved in the handset. Or select **No** to cancel.

7.7.4 Phone Reset

The factory will provide some default option in the phone, such as phone setting. You may change some settings when using the phone. By selecting this menu, you can restore changed settings to the default. But some setting like alarm cannot be restored.

1. Select **Menu**→ **Settings**→ **Security**.
2. Input password and press **OK Key**.
3. Select **Phone Reset** and press **OK Key**.
4. Screen indicates information **“Restore Factory Default”** .
5. Select **Yes**, revert to factory default setting.

Note: After resetting your mobile phone, Recent Calls, Contacts, InBox and OutBox are not affected.

7.8 Accessories

7.8.1 Set Headset Ringing

When mobile phone connects with earpiece (needs to be purchased separately), you can set alert tone utter from earpiece.

1. Select **Menu** → **Settings** → **Accessories** → **Headset Ringing**.

2. Select **On** to start headset alert tone.

7.8.2 Set Headset Auto-answer

When mobile phone connects with earpiece, you can set earpiece to answer incoming call automatically.

- 1 Select **Menu** → **Settings** → **Accessories** → **Headset Auto answer**.

- 2 Select **Off** to disable the function or set the phone be automatically connected **2 seconds**, **5 seconds** or **10 seconds** after the ringer tone alert.

3. Press **OK Key**.

7.8.3 Any Key Answer

- 1.Select **Menu** → **Settings** → **Accessories** → **Any Key Answer**.

2. Select **On** and press **OK Key**.

When there is an incoming call, you can press any key to answer the call, except **End Key**.

7.9 Network Setting

7.9.1 NAM Change

NAM has been set when the phone leave the factory. You can dial network carrier's helpdesk or hot line for details.

7.9.2 Phone Info

You can view phone information: ESN number, MIN number, software version and PRL version.

8 Extra

Menu of Extra offers two games of Smart Blocks and Push Box and tools such as stop watch, alarm and calculator.



8.1 Games

8.1.1 Smart Blocks

1. Select **Menu**→ **Extra**→ **Games**→ **Smart Blocks**.
2. Press **OK Key** to enter. After the screen appears greeting, it will indicate play guide.
3. Press **OK Key** to begin a new game.

8.1.2 Push Box

1. Select **Menu**→ **Extra**→ **Games**→ **Push Box**.
2. Press **OK Key** to enter. After the screen appears greeting, it will indicate play rules.

3. Select **New Game** to start, or select **Stage** to enter the stage level you are going to play.

4. After passing the stage, select **Next Stage** to enter next stage, or select **Replay** to play this stage again.

8.2 Stop Watch

1. Select **Menu** → **Extra** → **Stop Watch**.
2. Select **Start** to begin stopwatch time.
3. Select **Stop** to stop timing.
4. Select **Reset** to clear the existed time account.

8.3 Alarm

Set alarm for any specified time. When alarm rings, the colorful light will twinkle on the cover of mobile phone.

1. Select **Menu** → **Extra** → **Alarm**.

Select **Enable** or **Disable** to enable or disable an existed alarm.

Select **Set** by **Left/Right key** to set a new alarm.

- Press **Up/Down Key** to change the value.

- Press **Left/Right key** to shift between **hour**, **minute** and

AM/PM.

2. After setting time, press **OK Key**. And select **Once** alarm, **Daily** alarm or **Weekdays** alarm.

3. Press **OK Key**.

4. When alarm rings, select **OFF** to close alarm. Or select **Snooze** to postpone the alarm and it will ring again 10 minutes later.

8.4 Calculator

Use calculator to execute basic mathematical calculations.

1. Select **Menu** → **Extra** → **Calculator**.
2. Use keypad to input digits.
3. Press **Left/Right key** to scroll in the operator, press **OK Key** to select.

| | |
|---|---|
| ÷ | Division Sign |
| - | Subtraction Sign |
| = | Equal Sign, Calculating result |
| + | Plus Sign |
| x | Multiply Sign |
| . | Decimal |
| C | Clear all input digits and indicate zero |
| ± | Change indicated digit positive & minus value |

Press **End Key** to exit calculator and return to standby mode.

9 Phone No.






Select **Menu**→ **Phone No.** to view your phone number. You can press **Right key** to select **Edit** to change the displayed phone number.


10 Text Input

You can input in text, for example when writing messages or editing a contact record information and etc, using Mutitap or eZiText text input.

The inputting modes offered by your phone are: Mutitap Mode, Numbers Mode, eZiText Mode, and Symbols Mode. Among them, Mutitap Mode include upper and lower case mode.

The following table offers the general methods of how to input letters, digits, characters and symbols in **Contacts** and **Messages**. For more details about the character input mode, please refer to following contents.

| Operations | Methods |
|--------------------------|--|
| Input letters | In Mutitap mode, press corresponding letter key until the letter appears. |
| Input digits | In Numbers mode, press letter key once. |
| Input symbol | In Symbols mode, enter the symbols by pressing correspond digit Key. |
| Input space | Press # Key  |
| Erase character | Press  |
| Erase all the characters | Hold  |

| | |
|----------------------------------|--|
| Move the cursor to left or right | Press  left or right Key |
| Change input mode | Select current mode and press OK Key to select another input mode. |
| Capitalization | Press * key to shift the upper and lower case. Press * key twice to enter upper case. |

10.1 Mutitap Mode

Select **Mutitap Mode**. Each key is corresponds to multiple letters. Press the key until the letters appear. When the cursor moves, enter the next letter.

10.2 Numbers Mode

Select **Numbers Mode**. Press the corresponding key to input the number.

10.3 eZiText Mode

Select **eZiText Mode**. Press the digit key corresponding to the letters once until the word appears in the screen.

If the word displayed is not the word you want, press **Up/Down Key** to look for other matching word. Then press **OK Key** to confirm.

10.4 Symbols Mode

Select **Symbols Mode**, press **Up/Down Key** to page down. Then

press digit key to enter corresponding symbol.

11 Trouble shooting

If you have any problem in using your phone, check it against the following list. If you cannot solve the problem fluently, contact your distributor.

| Problem | Check point |
|--|---|
| No key beep on pressing keys. | Please check the setting of key beep in the menu of setting. |
| When there is an incoming call, the prompt ringer cannot be heard. | Please check the setting of silence, sound alert type and ringer volume in the menu of setting. |
| No prompt tone on reaching the alarm time. | Please check relative setting to sound (silence, type of sound alert and ringer volume in menu of setting). |
| Messages cannot be sent. | Please check the signal of network. |

12 SAR INFORMATION

IMPORTANT SAR INFORMATION

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the FCC of USA. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

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 (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.243 W/Kg and when worn on the body, as described in this user guide, is 0.678W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones

and at various positions, they all meet the government requirement for safe exposure.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality,

damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

FCC Part 15 Notice

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.

Warning: This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the Federal Communications Commissions Rules and Regulations. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 and correct the interference by one or more of the following measures:

- . Relocate this device
- . Increase the separation between the device and the receiver
- . Connect the device into an outlet on a circuit different from that of

other electronics. Consult the dealer or an experienced radio technician for help.

FCC Radiation Exposure Statement

Important Note: To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter.

Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.