

ZTE G650/G651/G420/G120 CDMA PTT Handset User Manual

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1. Before Use

1.1 Brief Introduction

Congratulate you on choosing ZTE G650/G651/G420/G120 CDMA PTTmobile phone. This handset employs the advanced communication technology CDMA2000 1X and delivers the PTT (Push-to-Talk) function, which enables you to keep high-quality business and personal contact anywhere anytime.

Your handset provides the following functions:

- Group call** Makes one-to-many conversations within a group in PTT mode in a GoTa network service area.
- Private call** Makes one-to-one conversation between two users in the PTT mode in a GoTa network service area.
- Normal call** Makes traditional cell phone calls in a CDMA network service area.
- SMS** Receive, send and edit short messages.
- Phone book** Stores 300 entries for making a call and 50 entries for PTT.
- Data communication** Provides data services based on CDMA2000 1X system.

1.2 Safety Instructions

If your handset is lost or stolen, notify your communication network service provider immediately to avoid being abused by others. Meanwhile you need to tell the service provider the ESN number of your handset, which can be

found on the handset rear when the battery is removed. Keep the ESN number properly for future use.

To prevent your handset from being abused, take the following precaution:

- Set password and PIN code (when the handset supports R-UIM card) for your handset and modify it at intervals;
- When leaving your car, take your handset with you or put them into trunk rather than leave it unhidden.
- Set call restriction.

1.3 Safety Warnings and Precautions

Precaution for using handset

- ✧ Try to use the handset away from TV set, radio and automated office equipment to avoid being affecting the performance of these equipments and handset.
- ✧ Protect handset from damp. Water or other liquid entering the handset will cause overheating, creepage and failure of the handset.
- ✧ Do not disassemble or reassemble the handset, which may lead to handset damage, creepage or circuit fault.
- ✧ Do not use the handset with damaged antenna otherwise it may hurt people.
- ✧ Keep the handset a certain way from magnetic objects such as magcards, because radiation of wave of the handset may clear out the information storing in floppy disks, deposit cards and credit cards.
- ✧ Power off your handset as required such as airplane or in hospital. As handset may affect the normal operation of electronic devices and medical apparatus, you are required to follow the regulations related to handset usage in the place equipped with such facility.
- ✧ Do not use the handset where signals are weak or near the high-precision electronic devices. Radio wave interference may cause misoperation or other problems to electronic devices, especially medical electrical devices such as audiphone and pacemaker, fire detector and auto-control equipment such as auto-door. For the influence of handset on medical device such as the pacemaker, consult the vender or the local franchiser.
- ✧ Occasionally, using handset in the vehicles of some certain models will bring negative effect to electronic devices inside. In this case, do not use handset to ensure safety.
- ✧ Do not use the handset in gas station, near fuel or chemical.
- ✧ Watching for traffic, you are required to follow the local rules and regulations.
- ✧ Store the phone out of the reach of children. The phone may cause injury if used as a toy.
- ✧ Do not press keys with needles, pen point or other sharp objects to avoid handset damage or misoperation.
- ✧ Place tiny metal objects such as thumb pins far from the handset. The handset speaker is magnetic and thus

attracts those metal objects, which may hurt people or damage the handset.

- ✧ Please use original accessories or accessories that are authorized by ZTE Corporation. Using any unauthorized accessories may affect your mobile phone's performance, hurt your phone or even cause danger to your body and violate related national regulations about telecom terminals.

Precaution for using the battery

- ✧ Put battery in draught and cool places without sunshine.
- ✧ The service life of battery is limited, and becomes shorter and shorter if the battery is charged frequently. If a battery fails to be charged several times, it shows the battery is dead and need to be replaced with new battery of special model.
- ✧ Do not throw the old battery into household garbage but dispose it as required in specified place.
- ✧ Do not throw the battery to fire, otherwise, the battery will fire or explode.
- ✧ Do not install the battery with great force, which may cause battery leakage, overheating, explosion and fire.
- ✧ Do not disassemble or reassemble the battery, which may lead to battery leakage, overheating, explosion and fire.
- ✧ Replace the battery that gets heated, changed in color or deformed during use, charging or storage. Stop using and change another.
- ✧ Keep the battery from damp otherwise it will get overheated, smoldering or eroded.
- ✧ Do not expose the battery in direct sunshine, around a car or other place with high temperature, otherwise leakage, overheating will happen, thus affecting battery performance and shortening its service life.
- ✧ Do not keep charging the battery for more than 24 hours nonstop.

Precautions for using the charger

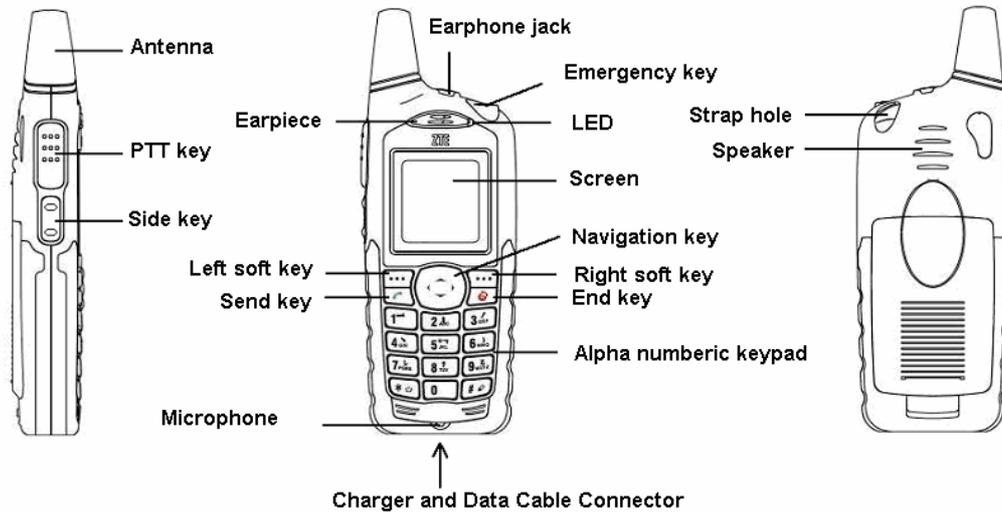
- ✧ Use 110V-220V AC power as other types of power may cause leakage, fire or damage to the handset and charger.
- ✧ Do not cause short circuit in charger so as to avoid getting electric shock, and making the charger smoldering or damaged.
- ✧ Do not charge in the sunshine, in a damp, dusty or vibrating place, or near such electric apparatus as the TV set, and radio (as the picture and sound effect will be affected).
- ✧ Do not use the charger with damaged power cables, which may cause fire or electric shock.
- ✧ Do not place water container near charger to avoid splashed water making the charger over heated, leaking and failed.

- ✧ Remove the charger from the power socket as soon as the charger touches water or other liquid so as not to cause over heat, fire, electric shock and problems to the charger.
- ✧ Do not disassemble or reassemble the charger to avoid fire, injury and electric shock to people, and damage to the charger.
- ✧ Do not touch any charger, power cable or power socket with wet hands to avoid electric shock.
- ✧ Do not place heavy objects onto power cables or refit power cable; otherwise electric shock and fire may happen.
- ✧ Remove power plug from the socket before cleaning and maintenance.
- ✧ Clean the accumulated dusty from the power socket in time.
- ✧ Hold the charger rather than pull the power cable while removing the plug from the socket; otherwise the power cable may be damaged, and electric shock or fire may occur.

Cleaning and maintenance

- ✧ Use soft, dry cloth to clean the handset, battery and charger.
- ✧ Do not wipe the handset with such solution as alcohol, dilution agent and benzene.
- ✧ Clean the charger at intervals, as the charger with dirt will render the connection with the charger unreliable, power failure, and even charging failure.

1.4 Keys and appearance



Key introduction

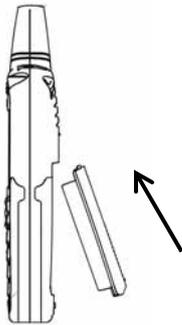
Name	Description
PTT key	PTT calling key/PTT called record review key. Hold it to talk and release it to listen to the peer during PTT group call or PTT private call.
Side key	Volume adjustment
Left soft key	Corresponding to the functions indicated by the characters in the lower left corner of the LCD screen. Mainly for menu viewing and confirmation.
Right soft key	Corresponding to the function indicated by the characters in the lower right corner of the LCD screen. Shortcut key for the phone book menu, and key for exit or return.
Navigation key	For moving the highlight or cursor upwards, downwards, leftwards, and rightwards.
Send key	Shortcut key for dialing and searching the call records.

End key	For powering on/off the handset or ending conversation.
0-9 number keys	Keys for numbers, English and Chinese input
*	Key to input * or enter punctuations and symbols or switch between different profile modes speedily
#	Key to input # or shift between input methods or lock keypad by hold it

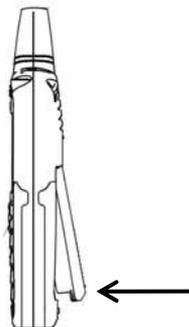
1.5 Battery

1.5.1 Install the battery

- 1 . Insert the battery into the battery slot of the handset.



- 2 . Press the battery towards the direction indicated by the arrow until hearing a “click” sound.

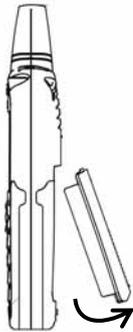


1.5.2 Remove the battery

- 1 . Push the separation key on the back cover of the handset towards the direction showed by arrow.



- 2 . Follow the arrow's direction to take out the battery.



1.5.3 Charging the battery

The newly purchased battery is not fully charged, so charge it first before using it.

- 1 . Keeping the cover with screen upward, insert charger's plug with the cover printed arrow upward into the hole at the bottom of the handset.



- 2 . Connect the charger to a 110V/220V power outlet.

Note: Press the button on charger's plug to pull it out.

Button

1.6 Insert and take out R-UIM card

Consult the network service provider whether your handset support R-UIM card or not.

Note: Overleap this step if your handset does not support R-UIM card.

If the network provider require to use R-UIM card, he will offer R-UIM card for inserting into your handset, by which can connect with CDMA network. Before using the handset, insert an available R-UIM card that is taken out of a card firstly. Operate as follow:

- 1 . Powering off the handset, remove the charger and battery.
- 2 . Insert the R-UIM card into the socket as the arrow's direction.



- 3 . Powering off the handset, remove the charger and battery to take out the R-UIM card from the socket as the arrow's direction.



1.7 Power on/off

1.7.1 Power on

Press and hold  until the greeting picture appears.

If your handset support R-UIM card, and the R-UIM card is not plugged in, the handset will display “ No UIM Card! ” . At this time the handset can only make emergency call.

If your handset support R-UIM card, and you have set **Require PIN** in [Security], you will be asked to offer a PIN code. Inputting the right code, press  to confirm.

If you have activated “Power-on lock” in **Phone lock**, your handset will be unlocked after the right password is entered.

Note: The initial password for the newly purchased handset is 0000. PIN code may be offered accompanying the R-UIM card. Contact with network service provider if it is not offered. Generally, the defaulted PIN code is 1234 and replace it with what you set as soon as possible.

1.7.2 Power off

Press and hold  until an animated picture appears.

After the handset is powered off, its display will become black except the display of charging status when the battery charging is under way.

1.8 Input Characters

Sometime you need to input characters into the handset. In the handset you can input Chinese, English, numbers and symbols through the alphanumeric keys.

When inputting a phone number, you can directly input the numbers. When inputting characters, you can use the key  to select the input method to input desired character and press  to input symbols.

Explanation of icons for input method:

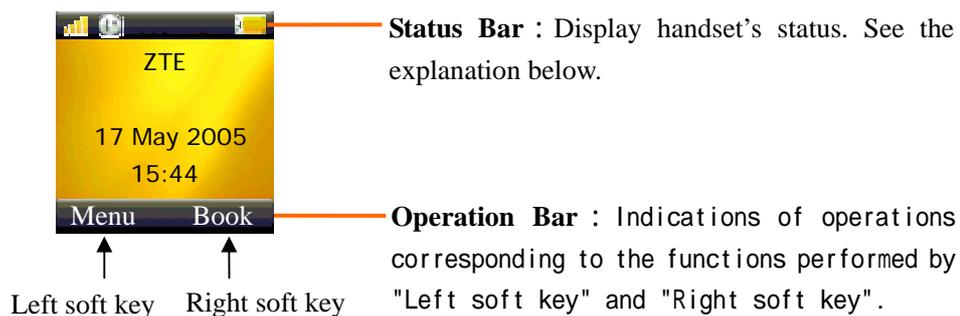
Icon	Explanation
 abc	Lowercase English letter
 ABC	Uppercase English letter
 Abc	Intelligent English input
 123	Numbers
 拼音	Pinyin input

 笔画	Stroke input
--	--------------

Explanation for input:

Input uppercase/lowercase letters	<p>1 . Select input method “ ABC ” / “ abc ” ;</p> <p>2 . Press the corresponding alphanumeric keys.</p> <p>Each key stands for multiple letters. Pressing the key once will input the first letter, pressing the key twice will input the second letter, and so on.</p> <p>Successive press: after a key is pressed, the cursor will first display as dark block and then perpendicular line. Pressing the key again before the cursor turns into the perpendicular line is referred to as successive press.</p> <p>E.g. : To input the letter “a”, press  once;</p> <p>To input the letter “c”, press  three times.</p> <p>To input “aa”, press  once, after the cursor turns into perpendicular line, press  again.</p>
Input symbols	<p>1 . Press  to enter symbol input</p> <p>2 . To input a symbol, press the number corresponding to input the word</p>
Input numbers	<p>Press number keys to input numbers</p> <p>Or press the number keys after select the input number method</p>
Input blank	Press  to enter blank
Pinyin input	<p>1 . Select Pinyin input</p> <p>2 . Press number keys to input pinyin</p> <p>3 . Press ◀ or ▶ to select pinyin</p> <p>4 . Press ▲ or ▼ to view the optional characters</p> <p>5 . Select [OK] and press the corresponding number key to input the word</p>
Stroke input	<p>1 . Select stroke input</p> <p>2 . Press number keys to input strokes</p> <p>3 . Press ▲ or ▼ to view the optional words</p> <p>4 . Select [OK] and press the corresponding number key to input the word</p>

1.9 Interface introduction



Explanation for icons in the status bar:

Icon	Explanation
	Network signal strength
	GoTa service available
	GoTa service unavailable
	PTT no-disturb status
	Talk is under way
	Voice can be heard from the speaker
	In roaming
	New short message Flicks to show that the inbox is full and you need delete the old useless messages.
	Alerting by vibration
	Alerting by lamp
	Alarm turning on
	Current battery capacity

2. Make and receive PTT calls

PTT calls adopt Push-To-Talk way for communication, which is different from normal calls. The handset's PTT calls include Group call and Private call.

2.1 PTT Private Call

Refers to one-to-one talk between two users within a CDMA network with PTT function. Each handset has a PTT number, i.e. PTT private number, dialing which PTT Private Call can be started to call the user. You can save and view the number into Personal Book of the handset.

2.2 PTT Group Call

Refers to one-to-many talk among group users in a CDMA network with PTT function. Each group has a group number differs from others, by which PTT Group Call can be activated. You can view the group number into

Group's Book of the handset.

2.3 Make a PTT private call

You can make a private call in the following three ways:

- 1 . Direct dial;
- 2 . Dial from the phonebook;
- 3 . Dial from the PTT call records.

2.3.1 Direct dial

- 1 . At the idle screen, directly input the desired private phone number;
- 2 . Press and hold  to start dialing. After hearing the buzz you can speak;
- 3 . Release , and then you can hear the other speaker.

2.3.2 Dial from the phonebook

1. At the idle screen, select [Book] → [Personal Book];
2. Press ▲ or ▼ to scroll to the desired contact;
3. Press and hold  to start dialing, after the buzz you can speak;
4. After releasing , you can hear the other speaker.

Note: If the handset makes no response after  is held, it indicates the name chosen has no PTT private phone number.

2.3.3 Dial from PTT call records

1. Press , the screen will display the PTT call records list;
2. Press ▲ or ▼ to scroll to the desired PTT private call record;
3. Press and hold  to start dialing the PTT private call number. After hearing the buzz you can speak.
4. After releasing , you can hear the other speaker.

2.4 Make a PTT group call

You can make a PTT group call in the following three ways:

- 1 . Direct dial;
- 2 . Dial from the phonebook;
- 3 . Dial from the PTT call records.

2.4.1 Direct dial

- 1 . At the idle screen, input # first and then the desired group number;
- 2 . Press and hold , after hearing the buzz you can speak;
- 3 . After releasing , you can hear the other speaker.

2.4.2 Dial from the phonebook

1. At the idle screen, select [Book] → [Group's Book];
2. Press ▲ or ▼ to scroll to the desired group;
3. Press and hold , after hearing the buzz you can speak.
4. After releasing , you can hear the other speaker.

2.4.3 Dial from PTT call records

1. At the idle state, pressing , the screen will display [PTT Calls] ;
2. Press ▲ or ▼ to scroll to the desired recorded group;
3. Press and hold , to dial the desired group numbers that is recorded. After hear the buzz you can speak.
4. After releasing , you can hear the other speaker.

2.5 Receive a PTT call

When receiving a PTT call, you will hear a short buzz. Without performing any operation, you can hear the calling party talking. Press and hold  to start talking after hearing a buzz, while release  to listen to the peer.

2.6 End a PTT call

2.6.1 Exit a PTT group call

Exiting a PTT group call means that you withdraw from current conversation, then you will not hear the talking of the group.

Operation method:

In a PTT group call, press [Option] → [Exit Call]

Or press , you can exit a group call.

2.6.2 End a PTT group call

Ending a PTT group call means to end the conversation among all group members, that is, all group members exit from the conversation.

Operation method:

In a PTT group call, press [Option] → [End Call] to end a group call.

Note: Only the originator or the group head has the authority to end the call.

2.6.3 End a PTT private call

Press  to end a PTT private call.

3. Make and receive normal calls

Normal calls refer to calls realized by normal CDMA handsets.

3.1 Make a call

You can make a call in the following three ways:

- 1、 Direct dial;
- 2、 Dial from the phonebook
- 3、 Dial from call history.

3.1.1 Direct dial

At the idle screen, directly input the desired phone number and press  to start a call.

3.1.2 Dial from the phonebook

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Press ▲ or ▼ to scroll to your desired contact;
- 3 . If the desired contact person has more than one phone numbers, press ◀ or ▶ to switch between the different numbers;
- 4 . Press  to dial the number in the highlight.

Note: If the current number is the PTT private number, the call cannot be made after  is pressed.

3.1.3 Dial from a normal calls history

- 1 . At idle screen, press  and then you can enter normal calls list;
- 2 . Press ▲ or ▼ to scroll your desired phone number in the call records;
- 3 . Press , then you can start dialing the number in the highlight.

3.2 Receive a call

Press  to receive an incoming call, and press  to hang up.

3.3 End a call

During calling or talking, press  to end a call.

4. Phonebook

Two types of phonebook for the handset: Personal Book and Group's Book.

1. Personal Book: stores the name and phone numbers of the contact people.
2. Group's Book: stores the name and numbers of PTT groups.

4.1 Personal Book

The phone numbers of contact people in Personal Book can be kept in phone or R-UIM card. Each contact person may have many phone numbers, including PTT Private Number, Family, Office, Mobile and Other Phone numbers.

The PTT Private Number refers to the contact's phone number for PTT call. Each contact person can only has one phone number kept in R-UIM card.

To make your search easy, the contact people in Personal Book can be divided into different groups such as Family, Friends and so on.

Note: If your handset does not support R-UIM card, the phone numbers of contact people in Personal Book can only be reserved in the handset. Please overleap the R-UIM card related content.

Icons in Private Book:

Icon	Explanation
	PTT private number
	Family number
	Office number
	Mobile phone number
	Other number
	Remark

4.1.1 Add a contact

1. At the idle state, select [Book] → [Personal Book] → [Option] → [Add] to enter editing state;
2. Choose to save in [Phone] or [UIM], and then start editing (If your handset does not need R-UIM card, overlap this step).

Save in the handset

1. Many fields are available. Press ▲ or ▼ to scroll the highlight bar to the desired field for editing.

Name: to input names

、、、、 : to input the corresponding numbers.

 : to input remarks.

Spd.Dial: press ◀ or ▶ to select speed dial number (Family, Office, Mobile and Other).

Location: press ◀ or ▶ to select the address for saving (speed dial address). You can also make no selection, and then the handset will automatically set the address for saving.

Group: press ◀ or ▶ to select group (Family, VIP, Office, Friends, Schlmate, Other).

During inputting, press  to switch between the input methods, or press  to input symbols. The inputting method refers to section **Input Characters**.

2. After the input, press [Save] to reserve above editing.

Note: In the input state, press [Clear] for deleting the current inputs one by one. Press and hold  to clear all the current inputs.

Save in R-UIM card

1. Press ▲ or ▼ to move the highlight between **Name** and  for editing.
2. **Name**: to input name.
3.  : To input the phone number.

4. Select [Save] to reserve above editing after the input.

4.1.2 Search a contact

Three ways are available for searching a phone number: Direct Search, Search by Name and Search by Group.

Direct search

1. At the idle screen, select [Book] → [Personal Book].
2. At this time all names of contact people will be listed, and you can press ▲ or ▼ to select your desired contact.

Search by name

1. At idle screen, select [Book] → [Personal Book] → [Option] → [Srch By Name];
2. Input the name to be searched, and then press [OK].
3. Press ▲ or ▼ to scroll to your desired contact.

Search by Group

1. At idle screen, select [Book] → [Personal Book] → [Option] → [Srch.By Group];
2. Press ▲ or ▼ to scroll to the desired group. Select [Option] → [View].
3. Press ▲ or ▼ to scroll to the desired contact.

4.1.3 View a contact

1. Search your desired contact person to view (see section **Search a contact**);
2. Select [Option] → [View] to view the detail.

At this time, you can also press ▲ or ▼ to select a number, and then press  to dial the number, or press and

hold  to start PTT call.

4.1.4 Modify the information of contact person

1. View the information of contact person (see section **Search a contact**)
2. At this time, you can start modifying, and the operation method is the same as section **Add a contact**.

4.1.5 Delete a contact

1. Search your desired contact person firstly (see section **Search a contact**);
2. Select [Option] → [Delete];

- 3 . Press [Yes] to delete.

4.1.6 Set ring tones for groups

- 1 . At the idle screen, press [Book] → [Personal Book] → [Option] → [Srch By Group];
- 2 . Press ▲ or ▼ to select the group, for which you want to set a ring tone.
- 3 . Select [Option] → [Set Ringtone];
- 4 . Press ▲ or ▼ to scroll to your desired ring tone, and then select it.

Note: When there is an incoming call with the number in Personal Book, the ring is the tone you have set for the group, rather than the one in profile.

4.1.7 Modify the name of group

- 1 . At the idle screen, press [Book] → [Personal Book] → [Option] → [Srch By Group];
- 2 . Press ▲ or ▼ to scroll to your desired group;
- 3 . Select [Option] → [Rename];
- 4 . Input a new name and select [OK].

4.1.8 Move the record between the phone and R-UIM card

Move the record from phone to R-UIM card

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Press ▲ or ▼ to scroll to your desired record;
- 3 . Entering [Option] → [Move] → [To UIM].

Note: If there are more than one phone numbers in this record, each of which can be saved in R-UIM card.

Move the record from R-UIM card to the phone

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Press ▲ or ▼ to scroll to your desired record;
- 3 . Enter [Option] → [Move] → [To Phone];
- 4 . Press ◀ or ▶ to choose the type and then select [OK].

Move all the records from R-UIM card to the phone:

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Enter [Option] → [Move] → [All to Phone];
- 3 . Press ◀ or ▶ to select the type and then choose [OK] to save all records.

Move all records from phone to R-UIM card:

- 1 . At idle screen, select [Book] → [Personal Book];
- 2 . Select [Option] → [Move] → [All to UIM];
- 3 . Press ◀ or ▶ to select and then choose [Yes].

Note: When there are more than one records, all of which will be saved in R-UIM card.

4.1.9 View the current memory status

1. At the idle screen, select [Book] → [Personal Book]
2. Select [Option] → [Check Space];
3. Press ▲ or ▼ to select [Phone] or [UIM] to view.

4.1.10 Delete all records in the phone

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Enter [Option] → [Delete All] → [Phone]
- 3 . Choose [Yes] and input the phone password, then select [OK] to delete.

4.1.11 Delete all records in R-UIM card

- 1 . At the idle screen, select [Book] → [Personal Book];
- 2 . Enter [Option] → [Delete All] → [UIM];
- 3 . Select [Yes] and input the phone password to delete by choosing [OK].

4.2 PTT Group Book

Beside Private Book for normal calls, you can also add the group numbers for GoTa network into your handset's PTT Groups Book so as to make it easy for you to view and to make a call.

4.2.1 Enter PTT Groups Book

At the idle screen, select [Book] → [Group's Book] to enter PTT groups book.

4.2.2 Add a PTT group

- 1 . Enter [Group's Book];
- 2 . Select [Option] → [Add] for editing. Press ▲ or ▼ to scroll the highlight between Grp.Name and Grp.No..

At this time, you can start editing in the highlight.

Grp.Name: to input group name;

Grp.No.: to input group number.

During input, you can refer to section **Input characters**.

- 3 . Select [Save] to reserve the input.

4.2.3 Modify PTT Groups

- 1 . Enter [Group's Book], press ▲ or ▼ to scroll to your desired PTT group;
- 2 . Select [Option] → [View] to enter into editing state;
- 3 . The operation for editing are the same as those for **Add a PTT Group**;
- 4 . Select [Save] to keep the editing.

4.2.4 Delete a PTT Group

- 1 . After entering [Group's Book], press ▲ or ▼ to scroll to the desired PTT group;
- 2 . Select [Option] → [Delete];
- 3 . Select [Yes] to confirm the deletion.

4.2.5 View the current status

- 1 . Enter [Group's Book];
- 2 . Select [Option] → [Check Space].

4.2.6 Delete all PTT Group Numbers

1. Enter [Group's Book];
2. Select [Option] → [Delete All]
3. Select [Yes] to confirm and input the phone password to delete by choosing [OK].

5. PTT Functions

Perform functions and settings related to GoTa network in PTT Functions.

Enter into PTT Functions:

At the idle screen, select [Menu] to enter, and press ▲, ▼, ◀ or ▶ to scroll to  (PTT Functions), then choose [OK] to enter.

5.1 PTT Speed number

PTT Speed number refers to the PTT number speed dialed out by holding  at the idle screen.

Setting method:

- 1 . Select [PTT Functions] → [Speed Dial No] to enter setting state;
- 2 . At this time, you can press ▲ or ▼ to scroll the highlight and edit in it:
 : press ◀ or ▶ to choose the corresponding selection;
: input phone number or select [Option] → [Book] to enter for choosing the number.
- 3 . Select [OK] (or [Option] → [OK]).

5.2 Dynamic management of group members

For the groups existing in the GoTa system, members can be added or deleted in the handset, and member's priority level and the longest time for one's talking can also be set.

Note: Only the group head has the authority to perform the dynamic management.

5.2.1 Add/Delete a group member

Setting method:

- 1 . Select [PTT Functions] → [Dyna Mgmt] → [Add/Delete] to enter the setting state;
- 2 . Input in and , or select the phone number in Book;
- 3 . Select [Option] → [OK].

5.2.2 Set priority level

Setting method:

- 1 . Select [PTT Functions] → [Dyna Mgmt] → [Set Priority] to enter the setting state;
- 2 . Input in and , and press ◀ or ▶ to select the corresponding priority level;
- 3 . Select [OK] (or [Option] → [OK]).

5.2.3 Set talk time length

Setting method:

- 1 . Select [PTT Functions] → [Dyna Mgmt] → [Set Talk Time] to enter the setting state;
- 2 . Input in and , then press ◀ or ▶ to select the corresponding time;
- 3 . Select [OK] (or select [Option] → [OK]).

5.3 PTT Call Forwarding

When PTT Call Forwarding is activated, the incoming PTT calls will be forwarded to the phone number your specified. The relevant setting and inquiry can be made in the handset.

Note: The phone number to which you specified to forward the incoming call must be able to have PTT call too.

Setting method:

- 1 . Enter [PTT Functions] → [PTT Call Fwd.];
- 2 . Press ▲ or ▼ to select [All Calls] or [Busy] and then press [Select] to enter it;
- 3 . Press ▲ or ▼ to select [Setting], [Cancel] or [Query]. If you select [Setting], you have to input the number to which you want to forward the incoming calls;
- 4 . Select [OK].

5.4 PTT No Disturb

When PTT No Disturb function is setting, you will not receive PTT calls. You can have the relative setting and inquiry in the handset.

Setting method:

- 1 . Select [PTT Functions] → [No-Disturbing] to enter the setting state;
- 2 . After inputting phone password, press ▲ or ▼ to select [Setting], [Cancel] or [Query];
- 3 . Press [Select] to confirm.

5.5 PTT Miss Call Report

This function enables you to view the PTT calls missed. For the missed calls, short messages will be sent to you.

Setting method:

- 1 . Enter [PTT Functions] → [Msd PTT Call];
- 2 . Choose [Setting], [Cancel] or [Query], and then select [OK].

6. Short messages

This function enables you to send, view, reply, forward and delete the short messages. Keep a short message, which received in inbox, which is successful to send in outbox, and which is failed to send in drafts.

If your handset supports R-UIM card, you can read the short message kept by R-UIM card in Inbox, while if your handset does not support R-UIM card, you can overleap the content related to R-UIM card in this chapter.

Enter into **SMS**

At the idle screen, select [Menu] to enter, and then press ▲, ▼, ◀ or ▶ to scroll to  (SMS), and then press [OK] to enter.

6.1 Write Short messages

During editing a short message, you can send it immediately, or save it in drafts.

6.1.1 Send immediately

- 1 . Select [SMS] → [Compose SMS] to enter for editing;
- 2 . After inputting a message, press [Option] → [Send to] to enter [Add Recipient];
- 3 . You can input number of the recipient directly or select from phonebook (Enter [Book], and press ▲ or ▼ to choose the name and numbers, then select [OK]);
- 4 . After inputting the recipient's phone number, select [Option] → [Send] to send the short message.

6.1.2 Save as draft

- 1 . Enter [SMS] → [Compose SMS] for editing;
- 2 . After inputting the message, select [Option] → [Save as Draft] to save the message to drafts.

6.2 Inbox

Icons in inbox:

Icon	Explanation
	SMS kept in the phone is not to be read
	SMS kept in the phone has been read
	SMS kept in R-UIM is not to be read
	SMS kept in R-UIM has been read

6.2.1 View message

- 1 . Enter [SMS] → [Inbox];
- 2 . Press ▲ or ▼ to choose the desired short message and select [Option] → [View] to enter;
- 3 . During viewing, press ▲ or ▼ to move the cursor to view the whole message. Enter [Option] → [Reply]/ [Forward]/ [Save Number]/ [Delete] / [Move to UIM/HS], and then select [OK] to perform the operation.

Note: The function as Move to UIM/Phone can only be used in the phone with R-UIM card.

6.2.2 Save phone number from message

You can save the phone number of the sender or the one, which is mentioned in the message in the phonebook.

- 1 . Select [SMS] → [Inbox];

- 2 . Press ▲ or ▼ to choose your desired message, and then select [Option] → [Save Number];
- 3 . After selecting a number, you can save the number in the phonebook. The following operation can refer to section **Phonebook**.

6.2.3 Receive new message

- 1 . Upon receiving a new message, the system will give an alert. Select [View] to go into the inbox directly.
- 2 . If there is unread message in inbox, the icon ☒ will appear on the status bar at the idle screen.

6.3 Outbox

In outbox, you can view all the sent & save messages.

- 1 . Enter [SMS] → [Outbox];
- 2 . Press ▲ or ▼ to scroll to the desired message, and select [Option] → [View] in order to view;
- 3 . During Viewing, press ▲ or ▼ to move the cursor for viewing the whole message. Enter [Option] → [Forward] or [Delete] to perform the operation.

6.4 Drafts

In draft, you can view all the unsent short messages. You can select to send it out after viewing and revising.

- 1 . Enter [SMS] → [Drafts];
- 2 . Press ▲ or ▼ to scroll to the desired message, and enter [Option] → [View] for editing;
- 3 . After revising the short message, you can send the message immediately, or save the message to Draft (refer to **Write short messages**).

6.5 Short messages setting

Note: If your handset does not support R-UIM card, you can overlap this section.

When you receive a message, you can save it in phone or in R-UIM card, can also choose the priority of location to keep freely.

- 1 . Select [SMS] → [Settings] for setting a message;
- 2 . Press ▲ or ▼ to select [Phone First] or [UIM First];
- 3 . Choose [Select] to reserve corresponding setting.

7. Call History

Received calls, missed calls and dialed calls for both normal and PTT calls are saved in Call History. If the capacity of Call History is full, then the saved call numbers will be automatically deleted, starting from the earliest.

7.1 Explanation of Call History Icons

Icon	Explanation
	Received Calls
	Missed Calls
	Dialed Calls
	PTT Calls

7.2 View

Two methods are available for viewing Call History:

View from Menu

- At the idle screen, select [Menu], and press ▲, ▼, ◀ or ▶ to select  (**Call History**), then choose [OK].
- Press ▲ or ▼ to scroll to the desired type of Call History (Missed Calls, Outgoing Calls, Incoming Calls, Call Timer), and then select [OK] to enter the call list of the selected type.
- Press ▲ or ▼ to choose the desired record, and then select [Option] → [View] to view the details.

Quick View

- At the idle screen, press  to enter the list of last normal calls; press  to enter the list of last PTT calls;
- Press ▲ or ▼ to scroll to your desired record, and select [Option] → [View] to view the detailed information.

7.3 Delete a call history

- Enter the call list (see **View** under **Call History**);
- Press ▲ or ▼ to scroll to the desired record, and enter [Option] → [Delete] to delete the record.

7.4 Delete all

- Enter the call list (see section **View** under **Call History**);
- Select [Option] → [Delete All];
- Select [OK] to delete all entries listed in the current type.

7.5 Save numbers in Call History

- 1 . Enter the call list (see **View** under **Call History**);
- 2 . Press ▲ or ▼ to scroll to the desired number, and select [Option] → [Save Number] to keep the number into phonebook.

7.6 Make normal calls from Call History

- 1 . Enter the call list (see section **View** under **Call History**);
- 2 . Press ▲ or ▼ to scroll to your desired entry, and then press  to dial out the number.

7.7 Initiate PTT call from Call History

- 1 . Enter the call list (see section **View** under **Call History**);
- 2 . Press ▲ or ▼ to scroll to the desired number. Pressing and holding  to start talking after hearing a buzz.

7.8 Send message from Call History

- 1 . Enter the call list (see section **View** under **Call History**);
- 2 . Pressing ▲ or ▼ to scroll to the desired number, select [Option] → [Send Message] to send the message to the number.

8. Profiles

In profiles different sounds can be set for different situations. Modes including General, Silence, Meeting, and Outdoors are available for the handset; moreover, Smart Ring can be set for special incoming call. All the modes can be edited and revised. You can make individualized settings according to your own needs.

Enter into [Profiles]:

At the idle screen, Select [Menu] to enter, and press ▲, ▼, ◀ or ▶ to choose  (**Profiles**), then select [OK].

8.1 Activate a profile mode

- 1 . Enter [Profiles], and then press ▲ or ▼ to select **General, Silence, Meeting, Outdoors**, etc.
- 2 . Select [Option] → [[Activate]

8.2 Modify profile mode

- 1 . Entering [Profiles], press ▲ or ▼ to scroll to the desired profile, and then select [Option] → [View];
- 2 . Select the desired option and modify as follow:
 - a) **Ringtone/vib**: Enter [Ringtone/vib], press ▲ or ▼ to scroll to [Ringtone/vib] or [Ringer Style], and then press ◀ or ▶ to make changes and select [Save] to reserve the setting;
 - b) **SMS Alert**: Press ▲ or ▼ to select [SMS Alert]. The next operation are as those of **Ringtone/vibr**;
 - c) **PTT Voice**: Press ▲ or ▼ to scroll to [PTT Voice] → [Select] to enter it. Press ◀ or ▶ to select the voice given off from Speaker or Earpiece, and then select [Save] to keep the setting;
 - d) **Volume**: Press ▲ or ▼ to select [Volume] → [Select] to enter. Press ▲ or ▼ to select the desired type of volume, and press adjust the volume, then select [Save] to keep the setting.
 - e) **Alert**: Press ▲ or ▼ to select [Alert] → [Select] to enter. Press ▲ or ▼ to scroll to your desired type of alert, and press ◀ or ▶ to choose [ON]/[OFF], then select [Save] to reserve the setting.

Note:When PTT call voice given off from earpiece, vibration alert will be given when a PTT call is received. The ring tone has been set here can only be used for general numbers, while if an incoming call from the number kept in groups, the ring tone will be the one has been set for the group.

8.3 Smart Ring

You can have smart ring tones for special incoming calls. Smart ring tones can be set for no more than 5 special incoming calls.

1. Select [Profiles] → [Smart Ring];
2. Press ▲ or ▼ to scroll to the desired number and then choose [Select] to enter into the setting;
3. Input the special incoming call in , or select [Option] → [Book] to choose the number;
4. Press ▼ to enter [Ringer Style], and then select the ring tone by pressing ◀ or ▶;
5. Select [Save] (or enter [Option] → [Save])

9. Personal Assistant

Enter **Assistant**:

At the idle screen, select [Menu] to enter, and press ▲, ▼, ◀ or ▶ to scroll to  (**Assistant**), then choose [OK] for entering.

9.1 Alarm Clock

At most 5 alarms are available for this handset.

9.1.1 Add alarm

1. Select [Assistant] → [Alarm Clock];
2. Select [Option] → [Add] to edit for alarm;
3. Press ▲ or ▼ to scroll highlight to the desired item for editing. When the highlight bar is on:
 - Time**: input time by pressing Number Keys, and press ◀ or ▶ to switch between hour and minute;
 - Set**: press ◀ or ▶ to turn on or off the alarm;
 - Week**: press ◀ or ▶ to select the alarming day in a week;
 - Note**: input notes.
4. Select [Save] to keep the current editing.

9.1.2 View and devise editing for Alarm

1. Select [Assistant] → [Alarm Clock] for entering;
2. Press ▲ or ▼ to select the desired alarm;
3. Select [Option] → [View] to read the editing for alarm;
4. At this time, the alarm clock can also be modified (refer to **Add alarm**).

9.1.3 Delete alarm

1. Enter [Assistant] → [Alarm Clock];
2. Press ▲ or ▼ to select the desired alarm;
3. Select [Option] → [Delete], then select [Yes] to confirm.

9.1.4 Stop ring in the process of an alarm

If the alarm has been set on, when the time is it, the alarm clock will start ringing, then you can press  to select [OK] for stop.

9.1.5 Set alarm ring tone

1. Enter [Assistant] → [Alarm Clock];
2. Select [Option] → [Set Alarm Ring];
3. Press ▲ or ▼ to choose the desired alarm and press [Select] to confirm.

9.2 Calculator

The calculator enables you to have basic mathematical computation.

1. Select [Assistant] → [Calculator] for using;
2. Press number keys to input the desired numbers; press  to input the decimal point; press  to

- input positive or negative sign; press ▲, ▼, ◀ or ▶ to input the operational symbols +, -, × or ÷;
3. During computation, select [Clear] to delete the input;
 4. Select [=] to compute and display the result.

9.3 World Time

This function enables you to view dates and times of cities all over the world.

9.3.1 View cities

1. Enter [Assistant] → [World Time] to edit;
2. Press ▲, ▼, ◀ or ▶ to view different time of cities of the world.

9.4 Stopwatch

This function is used for timing and 10 records at most can be kept in the handset.

9.4.1 General time keeping

1. Enter [Assistant] → [Stopwatch];
2. Select [Start] to begin to keep time;
3. Select [Pause] to stop keeping time;
4. Select [Cont.] to continue. After entering [Option] → [Clear], the timer will be set to 0.

9.4.2 Keep multiple time records during timing.

1. Enter [Assistant] → [Stopwatch];
2. Select [Start] to begin keeping time;
3. During timing, select [Record] to save the currently kept time. More records can be got by selecting [Record] many times, at most 10 records of time can be obtained;
4. Select [Pause] to stop keeping time;
5. Enter [Option] → [Record] to view the time record made in this time keeping;
6. When there are more than one records made in this time keeping, you can press ▲ or ▼ to view.

10. Settings

10.1 Enter Settings

At the idle screen, press  to enter [Menu], and press ▲, ▼, ◀ or ▶ to choose  (Settings), then select [OK] to enter [Settings].

10.2 Phone Settings

10.2.1 Idle Settings

The wallpapers and greeting at the idle screen of this handset can be changed.

Setting method:

- 1 . Enter [Settings] → [Phone] → [Idle Display] in turn;
- 2 . Select and enter [Wall Paper], and press ▲ or ▼ to view the pictures in the phone, then choose [Select] to save the editing.
- 3 . Choose [Banner] → [Select] to enter editing state. After editing, select [OK] for saving;
- 4 . After selecting [Date & Time], press ▲ or ▼ to select the desired mode of display, and choose [Select] to save the setting.

10.2.2 Backlight

This is to set the lasting of the backlight.

10.2.3 LCD Contrast

This is to set the contrast degree of the handset's LCD screen.

10.2.4 Language

This is to select language of the handset.

10.2.5 Shortcuts

This is to set application's shortcuts in the idle.

Setting method:

- 1 . Entering [Settings] → [Phone] → [Shortcuts] in turn;
- 2 . Press ▲ or ▼ to select and enter [Up key], [Down key], [Left key] or [Right key];
- 3 . Select the desired function;
- 4 . Choose [Select].

10.2.6 Personal Info

This function is to save your personal data.

10.2.7 Clock

This function enables you to view the current date and time.

10.2.8 Time Format

This function enables you to select the mode of time display.

10.2.9 DTMF Tone

Two modes are available for choice: **Normal** and **Extended**.

10.3 Call Settings

This function is to make settings to normal calls and has nothing to do with PTT calls. The setting for PTT can be performed in **PTT Functions**.

10.3.1 Call Forward

This function enables you to forward normal incoming calls to another phone number. Three types of call forward are available: All Calls, When Busy and If No Answer.

Note: Network support is required for this function.

10.3.2 Call Waiting

When this function is activated, you can switch to answer the second incoming call when you are already in a call.

Note: Network support is required for this function.

10.3.3 Call Answer

This is to set the mode of answering incoming calls.

10.3.4 Dial Restrict

When this function is activated, no other phone numbers than emergency numbers and free dial numbers you set can be dialed out.

10.3.5 Free Dial

You can set 5 free dial numbers at most. When dial restrict is activated, these 5 numbers will not be restricted.

Set a free dial number:

- 1 . Enter [Settings] → [Call] → [Free Dial] in turn;
- 2 . Press ▲ or ▼ to select the desired number to enter for inputting.
- 3 . Select [Ok].

10.3.6 Speed Dial Restrict

This is to enable or disable speed dial function.

10.4 Security Setting

Phone password is to be verified when upon entering security setting. The initial password for the newly purchased handset is 0000. Please modify the password in time after your purchase of the handset.

10.4.1 Lock Phone

You can set the mode for **Lock Phone**. When the handset is locked up, you have to input the password for unlock.

10.4.2 PIN Set

When this function is set **On**, you are required to input PIN code of the R-UIM card for unlock.

10.4.3 Lock UIM to Phone

When this function is set **On**, the handset can only use the R-UIM card in it. If you want to change another new R-UIM card, you will be required to input the code for unlock, firstly.

Note: To activate Lock UIM to Phone, you will be required to set Lock Code.

10.4.4 Change Password

- 1 . Input the old password;
- 2 . Input a new password;
- 3 . Input the new password again;
- 4 . Select [OK].

Note: If your handset supports R-UIM card, please refer to the following content, while if not you can overleap this section.

10.4.5 Change PIN

- 1 . Input the old R-UIM code;
- 2 . Input a new R-UIM code;
- 3 . Input a new R-UIM code again;
- 4 . Select [OK].

Note: If you make mistake to input the PIN for three times, the R-UIM will be locked, then you need a PUK for unlock. PIN may be provided with R-UIM card, but if not you can contact with the network service provider. The defaulted is 1234.

10.5 Default Reset

If you selected **Default Reset**, all the settings will restore to the default value.

11. Appendix

11.1 Shortcut

11.1.1 Speed dial

Speed dial of normal call

Speed dial refers to quickly dial out the number in **Personal Book** at the idle screen. Enter [Settings] → [Call] → [Speed-Dial Res] → [Off] to enable the speed dial function.

Operation method: If you want to dial the 132nd phone number in Book, just input “13” at the idle screen, and then press and hold “2” until the 132nd number is dial out.

Speed dial of PTT speed dial number

At the idle screen, press and hold  to dial out PTT speed dial number that has been set in **PTT Functions**.

11.1.2 Quick entry into application

At idle screen, pressing ▲, ▼, ◀ or ▶ can quickly enter the application that you had set in [Settings] → [Phone] → [Shortcuts] .

11.1.3 Quick return to idle screen

Pressing  (not holding) can quickly return to the idle screen.

11.1.4 Delete the current input

In the input state, select [Clear] to delete the current inputs one by one. Press and hold  to select [Clear] in order to delete all the current inputs.

11.1.5 Quick setting Profile

In meeting room or other public places, you can set your phone as **Silence** or other modes.

At idle screen, pressing and holding , the highlight will automatically move on the modes of [General],

[Silence], [Meeting] and [Outdoors] in turn; releasing , the mode where the highlight stays is activated for the phone.

11.1.6 Quick entry into menu

There is a number for each item in the menu of the handset, and you can quickly enter the menu by pressing the corresponding number.

11.2 Lock the keypad

If do not use the handset temporary, you can lock the keypad to avoid misoperation caused by touching keys accidentally. At this time, you can only dial the emergency call.

11.2.1 Lock Keypad

At the idle screen, press and hold  .

11.2.2 Unlock Keypad

When keypad has been locked, select [Unlock] and then press  for unlock.

11.3 Use earphone

Please use the appropriate earphone in company with the handset to operate as below:

11.3.1 Make and receive PTT calls by earphone

During a PTT call, you can obtain or release the talking power by earphone. Press and hold the PTT button of the earphone, after hearing the buzz you can speak; release the PTT button and then you can hear the other speaker.

11.3.2 Receive and hang up normal calls by earphone

You can receive and hang up normal calls by the PTT button of the earphone. Press and hold the PTT button of the earphone for 0.5 second to receive it when a call is incoming. You may hang up the call by pressing the PTT button of the earphone during a call in the use of earphone.

Fault analysis

Symptom	Possible Reason	Solution
Power-on Failure	Inadequate battery power	Charge the battery

	Poor battery contact	Re-install the battery
Automatic power-off	Seriously poor battery charge	Recharge the battery
Inadequate standby time	Decreasing of battery performance	Replace the battery
	Poor network signal	Switch off the power as possible in case of poor network signal
Network connecting failure	Poor network service area	Move to other place
	Out of the service area	Confirm whether it is in the CDMA network service area
PTT call failure	No service	Contact with operators
	Network connecting failure	See “Network connecting failure”
Call drop during a call	Poor network signal	Move to other places
No ring for a incoming call	The phone is set as Silence, or the volume for incoming call ringtone is set 0.	Enter Profiles and set the mode as non-mute; Or check ringtone volume.
Prompt to input PUK	R-UIM card is locked caused by successive inputting false PIN code for three times.	Contact with operators.

If the problems cannot be solved after the above handling, you may contact your seller or network operator, or feed back your information directly by sending emails to zte_mobile@zte.com.cn for customer service. We will reply to you as fast as possible and provide you with good after-sales services.