

ZTE-J G682
Digital Trunking Phone
User Manual

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Before Use

Introduction

Thank you for choosing ZTE-J G682 Digital Trunking Phone. Based on CDMA2000-1x technology, the mobile phone provides normal functions as well as PTT (Push-to-Talk) function.

The Mobile phone provides the following functions:

Group Calls	Provide one-to-many voice group call service in CDMA network service area with PTT functions;
Private Calls	Provide one-to-one voice call service in CDMA network service area with PTT functions;
Normal Calls	Provide traditional voice communication service based on CDMA network;
SMS	Receive, send and edit short messages;
Book	Store up to 300 entries of personal contacts and 70 groups of PTT group numbers;
Data Communication	Provide data services based on CDMA2000-1X technology;

Safety Instructions

If your mobile phone is lost or stolen, notify your network service provider immediately to prevent unauthorized use. Meanwhile you need to

provide the service provider with your phone's ESN, which can be found on the back of the mobile phone after the battery is removed. Keep the ESN properly for future use.

To protect your mobile phone against abuse, take the following precautions:

- Set a PIN code (if your mobile phone supports UIM card) and modify it from time to time.
- Don't leave your phone on the seat or other visible places when you are away from your car. Carry the phone or lock it in the trunk.
- Set call restriction.

Safety Warnings and Precautions

Precautions for using the phone

- 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 using standard operating positions accepted by the FCC 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.
- The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.07 W/kg and when worn on the body, as described in this user guide, is 0.4 W/kg (Body-worn

measurements differ among phone models, depending upon available enhancements 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.
- The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on
- FCC ID: Q78-ZTEG682
- For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.
- This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.
- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate

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

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 - Do not use your mobile phone near TV set, radio or office automated equipments to avoid mutual interference.
 - Power off your mobile phone as required when you are on airplane or in hospital. As mobile phones may affect the normal operation of electronic devices or medical apparatus, you are required to follow the mobile phone usage regulations in the above cases.
 - Do not use your mobile phone in the place where there is weak signal or near the high-precision electronic devices. Radio wave interference may cause malfunction or other problems to electronic

devices, especially medical devices such as audiphone and pacemaker, fire detector and auto-control equipments such as auto-door. For details on the influence that your mobile phone would probably have upon pacemaker or other medical devices, consult the manufacturer or the local distributor.

- Do not use your mobile phone in gas station. Power off your mobile phone near fuels or chemicals.
- Occasionally, using phone in the vehicles of certain models might bring negative effect to the internal electronic devices. In this case, do not use your mobile phone to ensure safety.
- Keep your mobile phone away from magnetic objects such as magcards because radio wave of your mobile phone may erase the information stored in floppy disks, deposit cards or credit cards.
- Protect your mobile phone against dampness. Water or other kinds of liquid entered your mobile phone might cause overheating, creepage or failure.
- Do not disassemble or reassemble your mobile phone because this might cause damage, creepage or circuit failure.
- Do not use your mobile phone if your antenna is damaged. It may cause body injury.
- Do not user your mobile phone while driving, and follow the local corresponding rules and regulations.
- Keep the phone out of the reach of children. The phone may cause body injury if used as a toy.
- Do not press keys with needles, pen points or other sharp objects to avoid damage or misoperation.

- Keep tiny metal objects such as thumb pins away from the phone. The phone speaker is magnetic and thus magnetizes those metal objects, which may hurt people or damage the phone.
- Operation temperature range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$, Storage temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Use the original accessories or those authorized by ZTE. Using any unauthenticated accessories may affect your mobile phone's performance, damage your phone or even cause danger to your body and violate related national regulations about telecom terminals.

Precautions for using the battery

- The battery life is limited, and becomes shorter and shorter if the battery is charged frequently. If the battery fails to be charged several times, it shows the battery is worn out and needs to be replaced.
- Do not throw the battery into household garbage but dispose it as required in specified place.
- Do not throw the battery into fire. It might cause fire or explosion.
- Do not press the battery with great force. It might cause battery leakage, overheating, explosion or fire.
- Do not disassemble or reassemble the battery. It might cause battery leakage, overheating, explosion or fire.
- Replace the battery that gets heated, changed in color or deformed during use, charging or storage.
- Prevent the battery against dampness, otherwise it might cause overheating, smoldering or erosion.
- Do not expose the battery in direct sunshine, around a car or near any place where there is high temperature, but place it in ventilated and

cool places. Otherwise it might cause leakage or overheating. This might affect the battery's performance and shorten its life.

- Do not keep charging the battery continuously for more than 24 hours.

Precautions for using the charger

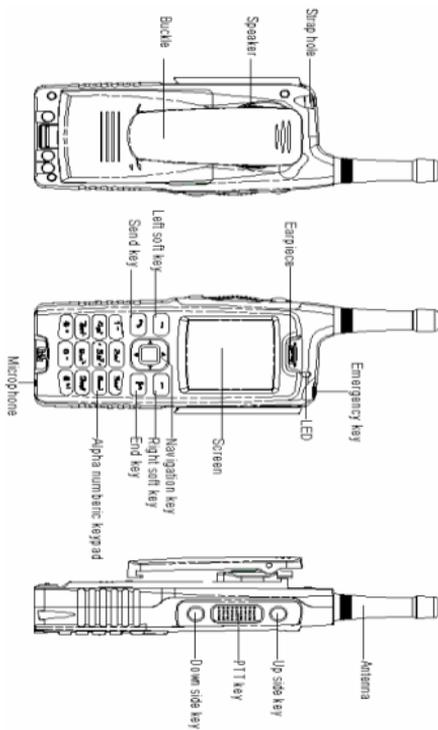
- Use the power voltage between 110VAC and 220VAC. Using the voltage beyond the range may cause leakage, fire or damage to the phone and charger.
- Do not short-circuit the charger, otherwise it might cause electric shock, smoldering or damage.
- Do not charge in the places where there is direct sunshine, dampness, dust or vibration, or near electric apparatus such as TV set, radio.
- Do not use the charger with damaged power cables. It might cause fire or electric shock.
- Do not place water containers near the charger to avoid water splashing. If water or any other kind of liquid splashes on the charger, immediately remove the charger from the power socket to avoid overheating, fire, leaking, electric shock or failure.
- Do not disassemble or reassemble the charger. It might cause body injury, electric shock, fire or damage.
- 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. It might cause electric shock or fire.
- Remove power plug from the socket before cleaning and maintenance.
- Clean the accumulated dusts from the power socket in time.

- Hold the charger rather than pull the power cable while removing the plug from the socket. Otherwise it might cause damage, electric shock or fire.

Cleaning and maintenance

- Clean the phone, battery and charger with a soft dry cloth.
- Do not clean the phone with the liquor such as alcohol, dilution agent or benzene.
- Clean the socket at intervals because a dusty socket might cause disconnection, power failure, or even charging failure.

Parts Definition



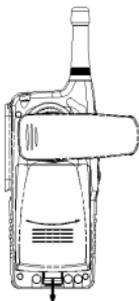
Key Definition

Name	Description
PTT Key	Used to make PTT calls. During the conversation, hold the key to speak, and release it to listen.
Up/Down Side Keys	Used to adjust volume, or as shortcut to set call attribute. Shortcut to view PTT call history. The keys to view the current watching group at enhanced mode. The keys to set watching group at normal mode.
Left Soft Key	Correspond to the words at the bottom left corner of the screen. Used to view menu or confirm.
Right Soft Key	Correspond to the words at the bottom right corner of the screen. Used to return / exit, or as shortcut of phone book.
Navigation Key	Used to move up/down/left/right the highlight/ contents/cursor.
Send Key	Used to dial or receive the calls, or as shortcut to view call history.
End Key	Used to power on/off, or end a call.
0~9 Alphanumeric keypad	Used to input numbers or characters.
* Key	Used to input *, or as shortcut to switch among different profiles.
# Key	Used to input #, or as shortcut to switch among different input methods, or lock the keypad.

Battery

Install the Battery

1. Push the separation button on the back of the phone in the direction of the arrow and remove the back cover.



2. Insert the battery into the compartment of the phone just shown as below:



3. Push the back cover in the direction indicated by the arrow until you hear the sound of "KA".



Remove the Battery

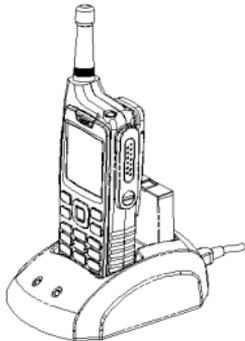
1. Remove the back cover.
2. Pull the battery in the direction indicated by the arrow and take out the battery.



Charge the Battery

The new battery is not fully charged, so please fully charge it before use.

1. Insert the phone and battery in the charger compartments and connect the charger to the electrical outlet. The red light on the charger will turn on.



2. When the charging is completed, the indicate light will turn to green. During the charging, you will find little warmer happening on the phone, the battery and the charger. It is a normal phenomenon.
3. Disconnect the connection with the AC outlet after finish the charging.

Note	<p>Lay the phone at the drafty place while charging and be sure to use the original charger or the accessories with authorization. Use unauthorized charger may cause danger and it will breach of the service warranty items.</p> <p>Charge the battery in time when the battery level is low or the phone powers off automatically.</p>
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Insert and Remove UIM Card

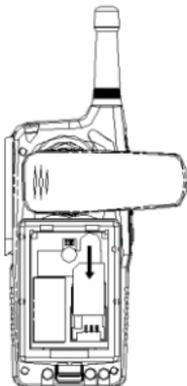
Consult your network service provider whether your phone needs UIM card or not.

Note

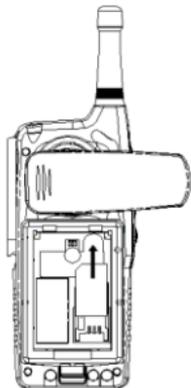
Skip this section if your phone does not need UIM card.

If UIM card is required, then your network service provider will provide a valid UIM to your mobile phone. At this point, UIM card is the key to CDMA network. New UIM card is generally put into a piece of card, which should be taken out carefully before installation. Follow the steps below:

1. Power off your phone and remove the charger and battery.
2. Insert UIM card into the socket, show as below:



3. Please power off your phone to remove the charger and battery before taking out UIM card as shown in the figure below:



Power on/off

Power on

Press and hold  until you see power-on animation on the screen.

If your phone supports UIM card and no UIM card is inserted, then your phone will prompt with “UIM card not detected” At this point, you need to power off your phone to reinsert a valid UIM card, and then power on.

If your phone supports UIM card and the PIN code of UIM card is set, your mobile phone requires inputting PIN code when powered on. Enter correct PIN code, and press left soft key  to confirm.

Note

The PIN code of UIM card will be sent to you with UIM card together. If not, please consult your network service provider. Generally, the default PIN code is “1234”, and it’s recommended to change it as soon as possible.

Power off

Press and hold  until you see power-off animation on the screen. The screen becomes black after the phone is powered off.

Text Input

You could enter characters, numbers and symbols through standard alphanumeric keypad.

To enter numbers, directly input digits in number mode;

To enter characters, press  key to select the input method;

To enter symbols, press  key;

Icon descriptions for Input Methods

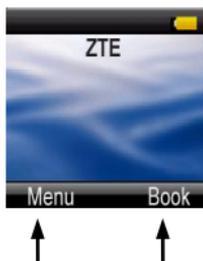
Icons	Descriptions	Icons	Descriptions
	Lowercases		Uppercase
	Predictive Text Input Method		Numbers
	Pinyin Input Method		Stroke Input Method

Descriptions

Input Uppercase /Lowercases letters	<ol style="list-style-type: none"> 1. Select "ABC"/ "abc" input method; 2. Each alphanumeric key corresponds to multiple letters. Press the appropriate alphanumeric key once to input the first letter that appears on the key, twice for the second letter, and so on. <p>Continuously Press: After you press a key, firstly a black block appears at the cursor, and then an upright line. "Continuously Press" means pressing the key before the upright line appears.</p> <p>e.g.:</p> <p>To enter letter "a", press key once;</p> <p>To enter letter "c", press three times continuously;</p> <p>To enter letter "aa", press once, and press again after the upright line appears at the cursor.</p>
Input Symbols	<ol style="list-style-type: none"> 1. Press key to input symbols; 2. Press the appropriate alphanumeric key to input the symbol that appears on the key.
Input Numbers	<p>Press the appropriate alphanumeric key to input, or press the appropriate alphanumeric key to input after selecting number input method;</p>
Input Space	<p>Press to input the space.</p>
Predictive Text Input Method	<ol style="list-style-type: none"> 1. Select the eziEn Input method; 2. Press the appropriate alphanumeric keys to enter the letters of the word; 3. Use the ◀ ▶ key to select the word which in the build-in dictionary of the phone; 4. Press OK to enter.

Pinyin Input Method	<ol style="list-style-type: none"> 1. Press  key to select Pinyin Input Method; 2. Press the appropriate alphanumeric key to input Pinyin; 3. Use ◀ ▶ key to select Pinyin; 4. Use ▲ ▼ key to view the characters; 5. Press OK and the appropriate alphanumeric key to input Chinese character.
Stroke Input Method	<ol style="list-style-type: none"> 1. Select Stroke Input Method; 2. Press the appropriate alphanumeric key to input strokes; 3. Use ▲ ▼ key to view the characters; 4. Press OK and the appropriate alphanumeric key to input Chinese character.

Interface Introduction



← **Status Bar:** displays the status of mobile phone. See the following descriptions.

← **Operation Bar:** displays the operation instructions of “Left Soft Key” and “Right Soft Key”.

↑ Left Soft Key ↑ Right Soft Key

Descriptions of Status Bar

Icons	Descriptions
	Network Signal Strength
	PTT normal performance and pre-emptive

	Sound comes out from earpiece
	Sound comes out from speaker
	New Short Message. Flicker means that inbox is full, and un-useful short messages should be deleted
	Incoming Call Vibration Status
	Silence mode
	Alarm Clock is set
	Battery Level
	FallBack

Make and Receive PTT Call

Adopting the method of Push-to-Talk, PTT calls are different from normal calls. PTT calls could be classified into **Private Calls** and **Group Calls**.

PTT Private Calls provide one-to-one voice call service in CDMA network service area with PTT functions. Each PTT mobile phone has one unique PTT number, namely PTT private number. Dialing this number in PTT mode could make PTT private calls. You could save and view this number in **Personal Book**.

PTT Group Calls provide one-to-many voice group call service in CDMA network service area with PTT functions. Each group has a unique group number to differentiate with other groups. Dialing this number in PTT mode could make PTT group calls. You could view the number in **System Book** and **User Book**.

According to call priority levels, PTT calls could be classified into Emergency Calls, Pre-emptive Priority Calls and Ordinary Calls, among which Emergency Calls have the highest priority, and Pre-emptive Priority Calls have higher priority than Ordinary Calls. (Please refer to “Call Attribute” for the setting methods)

Make Private Calls

You could make privates calls in any of the following three ways:

1. Direct dial;

2. Dial from book;
3. Dial from call history.

Direct Dial

1. Enter the desired PTT private number in idle mode;
2. Hold PTT key  to start dialing, and talk after hearing a beep sound;
3. Release PTT key  to release the floor. Listen to the other side to speak at this point.

Dial from Book

1. Press **Book** in idle mode to access the phone book, and select **Personal Book**;
2. Press **▲/▼** key to select your desired contact;
3. Hold PTT key  to start dialing, and talk after hearing a beep sound;
4. Release PTT key  to release the floor. Listen to the other side to speak at this point.

Note	If you can't make a call after holding PTT key  , then it means that there is no PTT private number for your current contacts.
-------------	---

Dial from Call History

1. Press the Up Side key  shortly in idle mode to display PTT calls list or press **Menu** and Select **Call History** to enter;
2. Press **▲/▼** key to select your desired private call record;

3. Hold PTT key  to start dialing, and talk after hearing a beep sound;
4. Release PTT key  to release the floor. Listen to the other side to speak at this point.

Make Group Calls

You could make group calls in any of the following three ways:

1. Direct dial;
2. Dial from book;
3. Dial from call history.

Direct Dial

1. Enter “#” firstly, and then the desired group numbers in idle mode;
2. Hold PTT key  and talk after hearing a beep sound;
3. Release PTT key  to release the floor. Listen to the other members to speak at this point.

Dial from Book

1. Press **Book** in idle mode to enter in phone book interface;
2. Press ▲/▼ key to select **System Book / User Book**, and then press **select** to enter; press ▲/▼ key to select the desired group;
3. Hold PTT key  and talk after hearing a beep sound;
4. Release PTT key  to release the floor. Listen to the other members to speak at this point.

Dial from Call History

1. Press the Up Side key  shortly in idle mode to display PTT calls list or press **Menu** and Select **Call History** to enter;
2. Press **▲/▼** key to select your desired group call record;
3. Hold PTT key  to start dialing, and talk after hearing a beep sound;
4. Release PTT key  to release the floor. Listen to the other members to speak at this point.

Receive PTT Calls

When receiving PTT calls, users will firstly hear a short beep sound, and then listen to the other members to speak without any operation. After the other members finish speaking, hold **PTT** key  and speak after hearing beep sound. Release **PTT** key  to release the floor, and at this point listen to the other members to speak.

End PTT Calls

Exit from a Group Call

During the conversation, you could exit from a group call, while others continue the conversation.

Operation Method

Press **Select** and select **Exit Call** in PTT group call, or press  key to exit from PTT group call.

End a Group Call

During the conversation, all members in the group will exit from a group call after it is ended.

Operation Method

Press **Select** and select **End Call** during the conversation.

Note	Only the group caller or group leader has the authority to end a group call.
-------------	--

End a Private Call

Press  key to end a private call, or press **Select** and select **End Call** to end it during the conversation.

Broadcast Call

Broadcast Call is an unilateral call. It broadcasts the call to the group members and the group members can receive the call but not allow answering the call.

Operation Method

1. Enter “##”, in idle mode;
2. Enter the group number of the call;
3. Hold PTT key  to start the broadcast call and talk after hearing a beep sound.

PTT Emergency Calls

With the highest priority, emergency calls could be made through the emergency key .

You can make the emergency call by the following ways:

1. In standby mode, enter “# + group number” or a private PTT number, then hold emergency key to send the call;
2. In Call History interface, choose a call number you want to send in emergency and hold the emergency key to send;
3. In Phone Book interface, choose a call number and hold the emergency key to send;
4. In standby mode, hold the emergency to send the emergency call which has been preset in the PTT Functions (Please refer to section “PTT Functions - Emergency” for details).

Functions during PTT Calls

Group Members Status Query

Note	This function is only available for enhanced PTT group.
-------------	---

Offline Members Status Query

During PTT calls, you could inquire the status of those uncalled members (Offline Members) in the group.

Operation Method

1. Press **Select** and then **OfflMembStat** to view the list of offline members;

2. Press ▲/▼ key to turn pages;
3. Press **Back** to return to the call interface.

Group Members Status Query

During PTT calls, you could inquire the status of all members in the current group.

Operation Method

1. Press **Select** and then **GrMembStat** to view the number of both online and offline members;
2. Select **Detail** and then **Online Member / Offline Member** to view the detailed list of members;
3. Press **Next** to turn pages;
4. Press **Back** to return to the call interface.

Note

The icons in front of the member names in the list represent different status of the group members.

Icons	Descriptions
	Power off
	Away
	Call Forwarding
	Out of service area
	Call restricted

Group Members Management

During PTT calls, you could manage the members in the group.

Operation Method

Press **Select** and then **DynaManagement** to perform corresponding operations (For details, please refer to section “DynaManagement”)

Upgrade Ordinary Calls to Emergency Calls

During PTT calls, press **Select** and then **Upgrade Call** .

Downgrade Emergency Calls to Ordinary Calls

During PTT calls, press **Select** and then **Downgrade Call** .

Switch the Sound

During PTT calls, you could receive the call either from the speaker or from the earpiece.

During PTT calls, press **Select** and select **To Speaker** or **To Earpiece** .

Make and Receive Normal Calls

Normal calls mean CDMA traditional voice phone calls which you usually dial.

Make Normal Calls

You could make normal calls in any of the following three ways:

1. Direct dial;
2. Dial from book;
3. Dial from call history.

Direct Dial

Enter the desired phone number in idle mode and press  key to dial it.

Dial from Book

1. Press **Book** in idle mode, and select **Personal Book**;
2. Press **▲/▼** key to select your desired contact;
3. If there are multiple numbers for this contact, press **◀/▶** key to switch between different numbers;
4. Press  to dial the number covered by the highlighted bar.

Note	If the current number is a short PTT private number, pressing  key will not dial this number.
-------------	--

Dial from Call History

1. Press  key in idle mode to display Normal calls list or press **Menu** and select **Call History** to enter;
2. Press ▲/▼ key to select your desired phone record;
3. Press  to dial the number covered by the highlighted bar.

Receive Normal Calls

Press  key to receive an incoming call, and press  to end it.

End Normal Calls

When you are making a call or already in a conversation, press  key to end it.

Functions during Normal Calls

Adjust the Volume

During calls, press Side keys to adjust the volume of the earpiece or the speaker.

View the Book

During calls, press **Book** to enter the menu. You could inquire, add, edit, or delete phone numbers. For details, please refer to next chapter “Book”.

Set the Mute

During calls, press **Select** and select **Mute** or **Unmute**.

If you select **Mute**, the word “Mute” will appear on the screen, and the other side couldn't hear your voice.

If you select **Unmute**, you will exit from **Mute**, and the other side could hear your voice again.

Switch the Sound

During calls, you could receive the call either from the speaker or from the earpiece.

During calls, press **Select** and select **To Speaker** or **To Earpiece**.

Three-Way Call

Your phone has a three-Way Call feature, which enables you to have conference calls with two parties. Please follow the procedure to set up a Three Party Call:

1. Dial a call to set up a normal call connection;
2. In the call screen, enter the number of the third party directly;
3. Press  key to call the third party and complete another call connection;
4. Press  key again to enter the first party into the conversation.

Note	Please make sure your phone get the service support from the operator before use this function.
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Phone Book

The book could be classified into **personal book** and **group book** .

1. Personal book manages the name and phone number of the contacts;
2. Group book manages PTT group names and PTT group numbers.

Personal Book

The contacts in personal book could be saved either in phone or in UIM card.

There might be multiple phone numbers for each contact saved in phone, such as PTT private number, home number, office number, mobile phone number, other phone number. Among those phone numbers, “PTT private number” is PTT number of the contact.

There is only one phone number for each contact saved in UIM card.

For easy search, you could classify your contacts into several groups: **Family** , **Friends** , etc.

Note

The contacts can be saved only in phone if your phone doesn't support UIM card. Please skip the related contents.

Icons in Personal Book

Icons	Descriptions	Icons	Descriptions
	PTT Private Number		Home Number
	Office Number		Mobile Phone Number
	Other Phone Number		Remark

Add

1. In idle mode, press **Book** to select **Personal Book** , and press **Option** to select **Add** ;
2. Select location **Phone** or **UIM** and press **Select** to edit; (If your phone doesn't support UIM card, please skip this step).

In phone

1. Press ▲/▼ key to move the cursor, and edit each item;

- : enter contact's name;

、、、、: enter the corresponding number.

: enter the remark.

- **Spd. Dial:** Press ◀/▶ key to select speed dial number (PTT private number, Home number, Office number, Mobile phone number or Other phone number).
- **Location:** Press ◀/▶ key to select storage location (Number for speed dialing). If you do not select, then the phone will automatically set the storage location.
- **Grp:** Press ◀/▶ key to select the group (Family, VIP, Office, Friends, Schlmate, Other and None).

When inputting contents, press  key to switch among input methods, and press  key to input the symbols. Please refer to the previous section "Text Input" for details on input methods.

2. Press **Save** to save the contents.

Note	Under the editing status, press [Clear] key to clear the inputs on the screen one by one, and hold [Clear] key to clear all the inputs on the screen.
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In UIM

1. Press ▲/▼ key to scroll the highlight between  and , and edit the highlighted item;
 -  : enter contact's name.
 -  : enter the number.
2. Press **Save** to save the contents.

Search

The phone provides four methods of searching for contacts: direct search, search by name, search by group and fast matching search.

Direct search

1. Press **Book** and select **Personal Book** in idle mode;
2. All contacts in **Personal Book** will be listed; press ▲/▼ key to search for your desired contact.

Search by name

1. In idle mode, press **Book** to select **Personal Book** and then press **Option** to select **Srch by Name**;
2. Enter the name and press **OK** to search for all contacts matching the search conditions;
3. Press ▲/▼ key to select the contact you are searching for.

Search by group

1. In idle mode, press **Book** to select **Personal Book** and then press **Option** to select **Srch by Group**;
2. Press **▲/▼** key to select your desired group, and then press **Option** to select **View** to view all contacts in the group;
3. Press **▲/▼** key to select the contact you are searching for.

Fast Matching Search

1. Press **Book** in idle screen, select **Personal Book**;
2. Enter the first three letters of the contact name using the keypads directly;
3. The highlighted name will be the first matching contact;
4. Navigate the **▲/▼** key to search near the highlighted name to find the name.

View

1. Find the contact you want to view (Please see “Search”);
2. Press **Option** to select **View** to view the details of the contact;
3. Press **▲/▼** key to select the number, press  key to make a normal call, and hold  key to make a PTT call.

Edit

1. Find the contact you want to edit (Please see “Search”);
2. Edit the contact information. The operation is the same as “Add”.

Delete

1. Firstly find the contact you want to delete (Please see “Search”);
2. Press **Option** to select **Delete**;
3. Press **Yes** to confirm the deletion.

Set Ringtone

1. In idle mode, press **Book** to select **Personal Book** and then press **Option** to select **Srch by Group**;
2. Press **▲/▼** key to select the group you want to set ring tone for;
3. Press **Option** to select **Set Ringtone**;
4. Press **▲/▼** key to select your desired group ringtone, and press **Select** to confirm.

Note	If the incoming call number is saved in [Personal Book], the incoming call ringtone will be the group ringtone here, rather than the ringtone you set in [Profiles].
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Rename

1. In idle mode, press **Book** to select **Personal Book** , and then press **Option** to select **Srch by Group**;
2. Press **▲/▼** key to select the group you want to edit;
3. Press **Option** to select **Rename**;
4. Enter the new name and press **OK** .

Move

Move the record from phone to UIM card

1. In idle mode, press **Book** to select **Personal Book**;
2. Press **▲/▼** key to select your desired record;
3. Press **Option** to select **Move**, and then select **To UIM**;
4. Press **Yes** to confirm.

Note	When there are multiple numbers in the record, then each number will be saved as one single record in UIM card.
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Move the record from UIM card to phone

1. In idle mode, press **Book** to select **Personal Book**;
2. Press **▲/▼** key to select your desired record;
3. Press **Option** to select **Move**, and then select **To Phone**;
4. Press **◀/▶** key to select the type of number, and then press **Select**.

Move All Entries to Phone

1. In idle mode, press **Book** to select **Personal Book**;
2. Press **Option** to select **Move**, and then select **All to Phone**;
3. Press **◀/▶** key to select the type of number, and then press **Select**.

Move All Entries to UIM

1. In idle mode, press **Book** to select **Personal Book**;
2. Press **Option** to select **Move**, and then select **All to UIM**.

Note

When the length of name or number record in the phone exceeds the maximum length in UIM card, the records can't be transmitted to UIM card.

Check Space

In idle mode, press **Book** to select **Personal Book**, and then press **Option** to select **Check Space**.

Delete All

1. In idle mode, press **Book** to select **Personal Book**;
2. Press **Option** to select **Delete All**, and select **Phone** or **UIM**;
3. If you select **Phone**, press **Yes** to enter password, and press **OK** to delete all entries in phone;
4. If you select **UIM**, press **Yes** to enter password, and press **OK** to delete all entries in UIM card.

Group Book

Besides normal call numbers, you also have group book for group calls. Group book could be classified into **System Book** and **User Book**. System book could contain up to 20 entries, which are updated automatically by the system, and users are allowed to view the entries, but not to edit. User book could contain up to 50 entries, which could be viewed, edited, or deleted. You can save PTT group numbers into User Book for easy searching and calling.

Enter Group Book

In idle mode, press **Book** to select **System Book/ User Book**.

Add

1. Enter **User Book**;
2. Press **Option** to select **Add** to edit, press ▲/▼ key to move the cursor between **Group Name** and **Group Number**:
 - **Group Name**: enter the group name;
 - **Group Number**: enter the group number;

You could refer to section “Text Input” when entering the above contents.
3. Press **Save** to save the contents.

View

1. Enter **User Book** and press ▲/▼ key to select the PTT group you want to edit;
2. Press **Option** to select **View**;
3. Editing is exactly the same as adding PTT group;
4. Press **Save** to save the contents.

Delete

1. Enter **User Book** and press ▲/▼ key to select the PTT group you want to delete;
2. Press **Option** to select **Delete**;
3. Press **Yes** to confirm.

Delete All

1. Enter **User Book**;
2. Press **Option** to select **Delete All**;
3. Press **Yes** to confirm.

View System Book

1. In idle mode, press **Book** and select **System Book**;
2. Press **Read** to view the group names and group numbers, and press **Back** to exit.

Check Space

1. Enter **User Book**;
2. Press **Option** to select **Check Space**.

PTT Functions

Users could operate all PTT functions and perform corresponding settings in **PTT Functions** .

Enter **PTT Functions** : In idle mode, press **Menu** to enter, press ▲/▼/◀/▶ key to select  , and press **Select** to enter.

Watching Function

If you have the authority for watching, press “**PTT Function**” and select Watching Function, you can start your watching settings. This feature makes your phone only receive the group calls which are set in the current watching list. Other group calls not in the current watching list will be neglected except for the Emergency Calls.

Start the watching

Press “**PTT Function**” to select **Watching Function**, and then press **Watching Status**. The default watching status is **Off**. In watching function on status, there are two watching modes to choose. One is Normal mode, the other is Enhanced mode.

Normal Mode

You should set the watching group among all the groups which the phone had joined in. There are four groups at most can be set as the watching groups at a time.

Enhanced Mode

You can preset your own watching list in this mode. Each of your preset lists can include none watching group or at most four watching groups. You can preset eight watching list at most, but only one of them can be activated in the watching status at a time.

Set Normal watching

1. Select Normal mode;
2. Press the Down Side key shortly in idle screen to get into normal watching setting interface;
3. **Select** or **Desel.** the group by left soft key, the marked group will be set as the watching group.

Set Enhanced watching

1. Select Enhanced Mode in Watching Status;
2. Enter into **Watching List** interface and press left soft key to edit a watching list:

Add: Add a new watching list.

View: View the groups you have set to the selected watching list.

Delete: Delete the watching list.

Rename: Rename the watching list.

3. In a selected watching list, use left soft key to add and delete the groups in the list;
4. Press **Option** and select **Enable** , after you exit from the PTT functions interface, the selected list will be activated as the current watching list.

Note	The current watching list can't be deleted when you want to execute delete operation.
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Call Attribute

After “Call Attribute” is set, the PTT call made by the phone will be Ordinary PTT call or Pre-emptive Priority PTT call, and the corresponding icon will display in the status bar of the standby screen.

Setting Method

1. Press **PTT Functions** to select **Call Attribute**;
2. Press ◀/▶ key to select **Normal** or **Pre-emptive**;
3. Press **Save**.

Note	Please refer to section “Quickly Change Call Attribute in Idle Mode” for details on call attribute setting shortcut.
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Private Call Forwarding

After “Private Call Fwd.” is activated, you could forward all incoming PTT private calls to the number you set. You could perform the corresponding settings in the phone.

Note	The forwarding number you set must be a PTT call number.
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Setting Method

1. Press **PTT Functions** to select **Supplement Svc** , and then select **Private Call Fwd.**;
2. Press ▲/▼ key to select **All Calls** , **Busy** , or **Off-Service**;
3. Press **Select** to enter, and press ▲/▼ key to select **On**, or **Off**; if you select **On** , then you need to enter a forward number;

4. Press **OK** after the number is entered.

Group Member Status Query

After “GrMembStatQry” is activated, you could query the status of group members during PTT group calls. (For detailed operation method, please refer to section “Group Member Status Query”).

Setting Method

1. Press **PTT Functions** to select **Supplement Svc** , and then select **GrMembStatQry** ;
2. Select **On** to activate this function;
3. Select **Off** to deactivate this function;
4. Select **Query** to check if the function is activated or deactivated.

Duty Number

After “On Duty” is selected and duty number is entered, you could receive the call if other users dial this number.

Setting Method

1. Press **PTT Functions** to select **Supplement Svc**, and then select **Duty Number** ; press **▲/▼** key to select **On Duty** , **Off Duty** or **Query** ;
2. Select **On Duty**, enter the duty number and press **OK** to activate this function;
3. Select **Off Duty**, enter the duty number and press **OK** to deactivate this function;
4. Select **Query** to check if the function is activated or deactivated.

PTT Call Number Identity Restriction

After “PTT CNIR” is activated, other users could not see the number as you make a PTT call.

Setting Method

1. Press **PTT Functions** to select **Supplement Svc** , and then select **PTT CNIR** ; press **▲/▼** key to select **On** , **Off** or **Query** ;
2. Select **On** to activate this function;
3. Select **Off** to deactivate this function;
4. Select **Query** to check if the function is activated or deactivated.

Call Alert Busy

After “Call Alert Busy” is activated, there is a prompt on the interface during the conversation if there is a second incoming call.

Setting Method

1. Press **PTT Functions** to select **Supplement Svc** , and then select **Call Alert Busy** ; press **▲/▼** key to select **On** , **Off** or **Query** ;
2. Select **On** to activate this function;
3. Select **Off** to deactivate this function;
4. Select **Query** to check if the function is activated or deactivated.

Dynamic Management

You could add / delete the group members, set priority of the group members, and set the talk time.

Note	Only group leader has the authority to perform dynamic management for group members.
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Add/Delete

Setting Method

1. Press **PTT Functions** to select **DynaManagement** , and then select **Add Member** or **Delete Member** ;
2. Enter **Group Number** and **Member Number**, or press **Option** to select from **Book** ;
3. Press **Option** and select **Save** .

Set Priority

Setting Method

1. Press **PTT Functions** to select **DynaManagement** , and then select **Set Priority** ;
2. Enter **Group Number** and **Member Number** and press ◀/▶ key to select **Senior** , **Junior**, **Sophomore** or **Fresher** ;
3. Press **Save** .

Set Talk Time

Setting Method

1. Press **PTT Functions** to select **DynaManagement** , and then select **Set Talk Time** ;
2. Enter **Group Number** and **Member Number** and press ◀/▶ key to set your desired talk time;
3. Press **Save** .

Emergency

You could hold emergency key (○) to make emergency call in idle mode when the emergency number is set.

Setting Method

1. Press **PTT Functions** to select **Emergency** ; and press **Select** to enter;
2. Press ◀/▶ key to select the type as **Group** or **Private** ;
3. Press ▼ key to move the cursor to the field of **Emergency No.** , and press alphanumeric keys to directly enter numbers or press **Option** to select form **Book** ;
4. Press ▼ key to move the cursor to the field of **Hold** , and press ◀/▶ key to select **0.5s** , **1s** , **1.5s** or **2s** ;
5. Press **Save** to save the settings.

SMS

You could edit, send, view, reply, forward, or delete short messages under **SMS** menu. The received messages are stored in the Inbox, the sent messages are in the Outbox, and the unsent messages are in the drafts.

If your phone supports UIM card, from the inbox you can view the short messages saved both in the phone and in the UIM card.

If your phone doesn't support UIM card, please skip the related contents about UIM card.

Enter **SMS** : In idle mode, press **Menu** to enter the main menu, press ▲/▼/◀/▶

key to select  (SMS), and press **Select** to enter.

Compose

When composing a short message, you could immediately send it out, or save it in the drafts.

Send out

1. Enter **SMS** , and select **Compose Msg** to compose a short message;
2. After entering the text, press **Option** and select **Send to** to edit the recipient;
3. Directly enter the recipient's number, or select from **Book** ; (Press **Book** to select your desired recipient using ▲/▼ key);
4. After entering or selecting the recipient, press **Option** to select **Send** to send the message.

Preset Phrases

1. Enter **SMS** , and select **Compose Msg** to compose a short message;
2. Press **Option** and select **Preset Msgs.** to edit the short message with the preset phrases in the phone.

Save as Draft

1. Enter **SMS** , and select **Compose SMS** to compose a short message;
2. After entering the text, press **Option** and select **Save as Draft** to save the message in the drafts.

Cancel

In the editing interface of **Compose SMS**, press **Option** and select **Back** to cancel the message editing and return to **SMS** main menu.

Inbox

Icons in the inbox

Icons	Descriptions
	Unread Messages in Phone
	Read Messages in Phone
	Unread Messages in UIM Card
	Read Messages in UIM Card

View

1. Enter **SMS** , and select **Inbox** ;
2. Press ▲/▼ key to select the message you want to view, and press **View** to view it;
3. During viewing, press ▲/▼ key to view the whole message; press **Option** to select **Reply** , **Forward** , **Delete** , **Save Number** or **Move to UIM (Move to Phn)** .

Note	[Move to UIM (Move to Phn)] is available only for the phones supporting UIM card.
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Save Number

You could save the recipient's phone number or the numbers in the message text into the phone book.

1. Enter **SMS** , and select **Inbox** ;
2. Press ▲/▼ key to select the desired message, and press **View** to get into viewing interface;
3. In the viewing interface, press **Option** to select **Save Number** ;
4. Save into the phone book after selecting the number. For detailed operation, please refer to the chapter “Book”.

Receive New Message

1. The system will alert upon receipt of a new message. Select **View** to go into the inbox directly;
2. If there are unread messages in the inbox, “” will display in the status bar of the standby screen.

Outbox

In the Outbox, you could view all of sent messages.

1. Enter **SMS** , and select **Outbox** ;
2. Press **▲/▼** key to select the message you want to view, and press **View** to view it;
3. During viewing, press **▲/▼** key to view the whole message; press **Option** to select **Forward**, **Delete**, and **Save Number**.

Drafts

In the drafts, you could view all of unsent messages. You could send it out after editing.

1. Enter **SMS** , and select **Drafts** ;
2. Press **▲/▼** key to select the message you want to view, and press **Option** to select **View** to edit it;
3. After editing, press **Option** and select **Send to** to send it immediately; select **Save as Draft** to save it in the drafts. (refer to “Compose”)

Settings

Set storage location

Note	Skip this section if your phone does not support UIM card.
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The received messages could be stored either in the phone or in the UIM card. You have the priority to select the storage location.

1. Enter **SMS** , and select **Settings** ;
2. Press ◀/▶ key to select **Phone First** or **UIM First** .

Set auto save

Your phone has the feature of auto saving the SMS which you sent. If you turn on the function, all the sent SMS will be stored in your phone.

1. Enter **SMS**, and select **Settings**;
2. Press ◀/▶ key to select **Yes** or **No**.

Delete All

Your phone can clear the messages in the Inbox, Outbox and Drafts.

1. Enter **SMS** , and select **Delete All** ;
2. Press ▲/▼ key to choose the desired message box;
3. Press **Select** to prompt the delete message and select **Yes** to delete.

Note	If you want to clear the Inbox message, you should choose the saving location (Phone or UIM) first before you delete.
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Preset Messages

Your phone has some preset messages in it. You can view, edit and send it directly by the short message.

View

1. Enter **SMS** , and select **Preset Msgs.** ;

2. Press ▲/▼ key to choose the desired message;
3. Press **View** to view the message.

Edit

1. Enter into the view interface (refer “Preset Messages – View “);
2. Edit the message, press **Option** and select the **Save** to save the edit message.

Send

1. Enter into the view interface (refer “Preset Messages – View “);
2. Press **Option** and select **Send to** to send the message directly.

Call History

Recent incoming calls, missed calls and outgoing calls are saved in **Call History**. The earliest call will be deleted automatically when the records are full.

Call Icons

Icons	Descriptions
	Incoming Calls
	Missed Calls
	Outgoing Calls
	PTT Calls

View

There are two methods of viewing the call history:

View from menu

1. In idle mode, press **Menu** to enter the main menu, press ▲/▼/◀/▶ key to select  (Call History), and press **Select** to enter;
2. Press ▲/▼ key to select the category (Missed Calls, Outgoing Calls, Incoming Calls, Call Timer), and press **Select** to enter;
3. Press ▲/▼ key to select the record you want to view, and press **Option** to select **View** to view the details.

Quick view

1. In idle mode, press  key to view the list of normal calls; Short press the Up Side key  to view the list of PTT calls;
2. Press **▲/▼** key to select the record you want to view, and press **Option** to select **View** to view the details.

Delete

1. Enter the list of call records (refer to section “View”);
2. Press **▲/▼** key to select the record you want to delete, press **Option** to select **Delete** to delete it.

Delete All

1. Enter the list of call records (refer to section “View-View from Menu”);
2. Press **Option** to select **Delete All**;
3. Press **Yes** to delete all call records in the current category.

Save Number

1. Enter the list of call records (refer to section “View”);
2. Press **▲/▼** key to select the record you want to save number, and press **Option** to select **Save Number** to save the number in the phone or in the UIM card.

Make Normal Calls

1. Enter the list of call records (refer to section “View”);
2. Press ▲/▼ key to select the normal call record you want to dial, and press



key to call.

Make PTT Calls

1. Enter the list of call records (refer to section “View”);
2. Press ▲/▼ key to select the PTT call record you want to dial, hold PTT key  , and speak after hearing a beep sound.

Send Message

1. Enter the list of call records (refer to section “View”);
2. Press ▲/▼ key to select the normal call record you want to send messages, and press **Option** to select **Send Message** .

View phonebook information

1. Enter in the list of call record (refer to section “View”);
2. Press ▲/▼ key to select the record, and press **Option**, then select **Book** .

Profiles

In profiles, you could set different ringing modes for different occasions. There are several modes available in the phone, such as General, Silence, Meeting, Outdoors, etc., and you could also set Smart Ring.

All modes could be changed, so you could select your individual mode according to your own requirements.

Enter **Profiles** : In idle mode, press **Menu** to enter the main menu, press

▲/▼/◀/▶ key and select  (Profiles) then press **Select** to enter.

Activate

1. Enter **Profiles** , and press ▲/▼ key to select **General** , **Silence** , **Meeting** or **Outdoors**;
2. Press **Option** to select **Activate** .

View

1. Enter **Profiles** , press ▲/▼ key to select the mode you want to edit, and press **Option** to select **View** ;
2. Select the option you want to edit, and change as below:
 - a) **Ringtone/vib**: Press ▲/▼ key to select **Ringtone /vib** , press **OK** to enter, press ▲/▼ key to select **Ringtone / vib** or **Ring Tone**, press ◀/▶ key to select ringing mode and ringing tone, and finally press **Save** to save the setting.

- b) **SMS Alert:** Press ▲/▼ key to select **SMS Alert** . The operation is the same as **Ringtone/vib** .
- c) **PTT Voice:** Press ▲/▼ key to select **PTT Voice** , press **OK** to enter, press ◀/▶ key to select PTT voice from **Speaker** or **Earpiece** , and finally press **Save** to save the setting.
- d) **Volume:** Press ▲/▼ key to select **Volume** , press **OK** to enter, press ▲/▼ key to select the type **Ringer** , **Earpiece** , **Key tone** or **SMS alert** , press ◀/▶ key to adjust the volume, and finally press **Save** to save the setting.
- e) **Alert:** Press ▲/▼ key to select **Alert** , press **OK** to enter, press ▲/▼ key to select **Call Connected** , **Call Ended** , or **1 minute** , press ◀/▶ key to select On / Off, and finally press **Save** to save the setting.

Note	<p>If you select PTT voice from [Earpiece], the phone will prompt with vibration when receiving PTT calls.</p> <p>The incoming call ringtone is just for ordinary numbers. For those numbers in the groups of the phone book, the incoming call ringtone is the group ringtone you set in [Book].</p>
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Smart Ring

You could set smart ring for up to five special incoming call numbers.

1. Enter **Profiles** , and press ▲/▼ key to select **Smart Ring** ;
2. Press **Select** to enter, press ▲/▼ key to select one number, and press **Select** again to set;

3. Enter a special **Phone Number**, or press **Option** to select number from **Book**;
4. Press ▼ key to enter **Ringer Tone**, and press ◀/▶ key to select your desired ring tone;
5. Press **Save** (or press **Option** to select **Save**) to complete the setting.

Note

When you set your own smart ring, the phone will not execute the preset ring tones which are set in the profiles or in the phonebook.

Assistant

Enter **Assistant** : In idle mode, press **Menu** to enter the main menu, press

▲/▼/◀/▶ key to select  (Assistant), and press **Select** to enter.

Calculator

The phone provides a calculator, which you could use to perform basic math calculations.

1. Enter **Assistant**, and select **Calculator**;
2. Press alphanumeric keys to input numbers, press  key to input the decimal, press  key to negative the numbers, and press ▲/▼/◀/▶ key to input calculation symbols “+/-/x/÷”;
3. During the calculation, press **Clear** to clear the inputs one by one;
4. Press **=** to display the calculating results.

Alarm Clock

You can save five alarm clocks at most in the phone.

Add

1. Enter **Assistant**, and select **Alarm Clock**;
2. Press **Add** (or **Option** to select **Add**) to edit;

3. Press ▲/▼ key to scroll the highlight, and edit each highlighted item:
 - **Time:** Press alphanumeric keys to enter time; press ◀/▶ key to switch between hour and minute;
 - **Set:** Press ◀/▶ key to turn on/off the alarm ring;
 - **Week:** Press ◀/▶ key to select the day, on which alarm clock works;
 - **Note:** Enter the remarks;
4. Press **Save** to save the setting.

View/Edit

1. Enter **Assistant** , and select **Alarm Clock** ;
2. Press ▲/▼ key to select the alarm you want to view;
3. Press **Option** to select **View** to view the alarm;
4. At this time you could also edit the alarm. (refer to “Add”)

Delete

1. Enter **Assistant** , and select **Alarm Clock** ;
2. Press ▲/▼ key to select the alarm you want to delete;
3. Press **Option** to select **Delete** to delete the alarm.

Turn off Alarm Ring

If Alarm Ring is set **On** , the alarm clock will ring as the time is up. At this point, press **OK** to turn off the ring.

Set Alarm Ring

1. Enter **Assistant**, and select **Alarm Clock**;
2. Press **Option** to select **Set Alarm Ring**;
3. Press **▲/▼** key to select your desired ring, and then press **Select**.

Calendar

View Day

1. Enter **Assistant**, and select **Calendar**;
2. Press **▲/▼/◀/▶** key to select your desired date, and press **Option** to select **View Day**;
3. Press **▲/▼** key to select the event you want to view, press **Option** to select **View Event** to view the complete contents, and then press **Option** to select **Send Via SMS** to send the event as a short message.

Add Event

1. Enter **Assistant**, and select **Calendar**;
2. Press **▲/▼/◀/▶** key to select the date on which you add event, press **Option** to select **Add Event**, and then enter the event;
3. Press **Save** to save the setting.

Goto

1. Enter **Assistant**, and select **Calendar**;
2. Press **Option** to select **Goto**, enter your desired date, and press **Goto**;
3. View the event on that day. (Please refer to section “View Day”)

Delete

1. View the event on that day; (Please refer to section “View Day”)
2. Press ▲/▼ key to select the event you want to delete, and press **Option** to select **Delete** ;
3. Select **Delete All** to delete all events.

World Time

You could check the local time of major cities in the world.

Check Cities

1. Enter **Assistant** , and select **World Time** ;
2. Press ▲/▼/◀/▶ key to check major cities in the world.

Stopwatch

As a time counter, the stopwatch could record up to 10 records once.

General Time Counting

1. Enter **Assistant** , and select **Stopwatch** ;
2. Press **Start** to start counting;
3. Press **Pause** to stop counting;
4. Press **Cont.** to continue counting; press **Option** to select **Clear** to clear the records.

Record Multiple Time Records in the Counting

1. Enter **Assistant** , and select **Stopwatch** ;
2. Press **Start** to start counting;
3. During the counting, press **Record** to save the record; you could press **Record** to save up to ten records at most;
4. Press **Pause** to stop counting;
5. Press **Option** to select **Check Records** to view all the records;
6. Press **▲/▼** key to view all of the records.

Settings

Enter **Settings** : In idle mode, press **Menu** to enter the main menu, press

▲/▼/◀/▶ key to select  (**Settings**), and press **Select** to enter.

Phone

Idle Display

You could change wallpaper or edit banner on the standby screen.

Setting Method

1. Enter **Settings** to select **Phone** , and press **Select** to select **Idle Display** ;
2. Select **Wallpaper** , press ▲/▼ key to select the paper, and press **Select** to select it as standby wallpaper;
3. Select **Banner** , press **Select** to edit, and press **OK** to save the contents;
4. Select **Date & Time** , press ▲/▼ key to select your desired mode, and press **Select** to save the setting.

Backlight

Set the lasting time for backlight.

LCD Contrast

Set the contrast of the screen.

Language

The phone supports different languages, and you could select your desired language.

Shortcuts

Set the function of quick entry in idle mode.

Setting Method

1. Enter **Settings** to select **Phone** , and then select **Shortcuts** ;
2. Select any key from Left / Right keys, and press **Select** to enter;
3. Select the corresponding function of the key;
4. Press **Select** .

Personal Info

Store your personal information.

Time Format

Select the displaying format of time.

Power Save Mode

Select **On** , **After 2 sec.** , **After 5 sec.** or **Off** .

Note	<ol style="list-style-type: none">1. If power save mode is set On, the phone will automatically enter the mode during PTT calls or normal calls.2. When the phone enters in the power save mode, the screen will be black and you could adjust the volume using Up and Down Side keys.3. You could hold  key to enter or exit Power Save Mode during calls no matter whether it has been set or not.
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Accessory Mode

The phone provides accessory modes including **PTT Mode** and **Voice Mode** for you.

In **PTT Mode**, hold the PTT key on the headset or monophone to make a PTT call.

In **Voice Mode**, You can use the PTT key on the headset or monophone to make a normal voice calls by a short press and make a PTT call by holding it.

Call

The settings here are especially for normal calls. The settings for PTT calls could be performed in **PTT Functions**.

Call Forward

This function enables you to forward incoming normal calls to another phone number. The phone provides **All Calls**, **Busy**, **No Answer**, **Cancel All**.

Note	Network support is required for this function.
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Call Waiting

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

Note	Network support is required for this function.
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Call Answer

Set the answer mode for incoming calls.

Dial Restrict

When this function is activated, you couldn't dial any number except for emergency number and free dial numbers.

Activate the dial restricts:

1. Enter **Settings** to select **Call** and choose **Dial Restrict**;
2. After enter the password, select **Dial Restrict**;
3. Press **▲/▼** key to select **On**.

Free Dial

You could set up to ten free dial numbers. If **Dial Restrict** is activated, these numbers will not be restricted.

Set a free dial number:

1. Enter **Settings** to select **Call** and choose **Dial Restrict**;
2. After enter the password, select **Free Dial**;
3. Press **▲/▼** key to select, and enter the number;
4. Press **OK** to save.

Spd-Dial Restriction

This function enables you to turn on/off speed dial function.

Security

The phone password is needed to enter the security. Generally, the default password is: "0000".

Once you get a new phone, it's recommended to modify the password to guarantee the safety of information.

Change Password

1. Enter old password;
2. Enter new password;
3. Enter new password again;
4. Press **OK**.

Note	If your phone needs UIM card, please read the following contents; otherwise please skip this section.
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Require PIN

When it is set "On", the phone requires PIN code of UIM card as powering on. Enter correct PIN code to unlock the phone.

Chang PIN

1. Enter old PIN code;
2. Enter new PIN code;
3. Enter new PIN code again;
4. Press **OK**.

Note	The UIM card will be locked if you enter wrong PIN code three times. Then you need PUK code to unlock the UIM card. The PIN code and PUK code may be provided together with the UIM card. If not, contact your network service provider. The default PIN code is normally 1234. Please replace it with your own PIN code as soon as possible.
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Default Reset

After you select **Default Reset** , the phone settings will return to the factory default settings.

Appendix

Shortcut

Speed Dial

Speed Dial Normal Calls

Speed dial refers to quickly dial out the numbers in **Personal Book** in idle mode. To quickly dial out numbers, you need firstly enter **Settings** to select **Call** , then select **SpdDial Restrict** to enter, and finally select **Off** .

Operation Method

If you want to dial the number ranking 132, firstly input “13”, and then hold the alphanumeric key “2” until the number is dialed.

Speed Dial PTT Calls

In idle mode, hold PTT key to dial PTT group Speed Dial Number displayed on the screen. You can choose PTT Speed Dial No. by pressing ▲/▼ key.

Quick Entry Function

In idle mode, press ◀/▶ key to quick access the shortcuts functions which were preset in the **Settings - Phone - Shortcuts** menu.

Quick Return to Idle Mode

Press  key (rather than hold) to return to the idle mode quickly.

Delete the Current Input

During the input status, press **Clear** to delete the current inputs one by one, and hold **Clear** to delete all the current inputs.

Quick Set Profiles

In a conference room or on other public occasions, you could conveniently set the phone in **Silence** mode or other modes.

In idle mode, hold  key to scroll the highlight among **General** , **Silence** , **Meeting** ,and **Outdoors** , and release  key until the highlight is at your desired mode.

Quick Entry into Menu

In the main menu, there is a serial number in front of each option. Press the serial number's corresponding alphanumeric key to quickly enter the menu.

Quick Entry or Exit Power Save Mode during Calls

During calls, hold  key to enter or exit power save mode.

Quick Change Call Attribute in Idle Mode

In idle mode, hold Up Side key to switch between **Normal** and **Pre-emptive**, and release until the desired call attribute is selected.

Quick Search by First Letter of the Names in Book

Press the corresponding alphanumeric key of first letter to search the relevant names in book.

Quick Change the Current Watching List

In idle mode, press the Down Side key to view the current watching. If the current watching mode is Normal Watching, please refer to the section “Watching Function” to change the current watching list. If the current watching mode is Enhanced Watching, the screen will display the current watching list, you can press ◀/▶ key to choose the watching list and set it as the current watching list.

Lock the Keypad

When you don't use your phone temporarily, you could lock your phone keypad to avoid misoperations. In this case, you are only allowed to dial emergency numbers.

Lock the keypad

In idle mode, hold  Key.

Unlock the keypad

When the keypad is locked, firstly press **Unlock** and then  key to unlock the keypad.

Earphone

PTT Operations with Earphone

During PTT calls, you could use the earphone to take or release the floor. Hold PTT key on your earphone, start talking after hearing a beep sound, and release PTT key to let others speak after finishing talk.

Receive or End Normal Calls with Earphone

With PTT key on your earphone, you could receive or end a normal call. When there is an incoming call, you could receive it by holding PTT key on your earphone for about 0.5 second. When you are already in a call, you could use PTT key on the earphone to end the call.

FallBack

Your phone has a FallBack function. When there are some troubles on PTT system, the phone will start FallBack mode.

FallBack indication

When the signal icon turns to the icon () and twinkles, it stands for the phone in the FallBack mode.

FallBack Function

In FallBack mode, the phone only can execute part of the PTT functions. The Groups Calls such as Normal Group Call, Emergency Group Call, Broadcast Call and Pre-emptive Group Call can work well, but for other call functions may not work.

Troubleshooting

Symptoms	Possible Causes	Solutions
Power-on Failure	Inadequate battery capacity	Charge the battery
	Poor battery contact	Re-install the battery
Auto Power-off	Seriously poor battery capacity	Recharge the battery

Inadequate Standby Time	Decreasing of battery performance	Replace the battery
	Poor network signal	Power off as network signal is poor
Network Connection Failure	Poor network signal	Move to other places
	Out of the service area	Confirm whether it is in the CDMA network service area
PTT Call Failure	Service unavailable	Contact the operators
	Network disconnected	Refer to “Network Connection Failure”
Call drop during a call	Poor network signal	Move to other places
No ring for a incoming call	The phone is set to Silence, or the ring volume is set to 0	Enter Profiles and change the mode; or check the ring volume
Prompt to input PUK	UIM card is locked due to successive inputting false PIN code for three times	Contact the operators