

ZTE C78

CDMA 1X Digital Mobile Phone
User Manual

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Release: V1.0

Manual number: 079584500746

2009.11.18

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1. For Your Safety

General Care

Your handset contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and give particular attention to the following points:

- Do not allow the handset, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse it in any liquid.
- Do not place the handset alongside computer disks, credit cards, travel cards or other magnetic media. The information contained on the disks or cards may be affected by the handset.
- Do not paint the handset.
- Do not leave the handset or battery in places where the temperature could exceed 140 °F, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the handset battery while the handset is switched on.
- Take care not to allow metal objects, such as coins or key rings, to contact or short circuit the battery terminals.
- Do not dispose of batteries in fire. The handset's Li-ION batteries may be safely disposed of at a Li-ION recycling point. Follow local requirements for recycling.
- Do not put the handset's battery in your mouth, as battery electrolytes may be toxic if swallowed.

- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not disassemble, open, crush, bend, deform, puncture, or shred the handset.
- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Promptly dispose of used batteries in accordance with local regulations.
- Improper battery use may result in a fire, explosion, or other hazard.
- Do not put a battery into a microwave oven, dryer or high-pressure container.
- Do not contact battery directly into an electric outlet or cigarette lighter charger. Use only authorized chargers.
- Do not puncture the battery with a sharp object such as a needle.
- When the battery is disposed, be sure it is non-conducting by applying vinyl tape to the (+) and (-) terminals.
- Do not drop, throw, or subject the handset to rough treatment.
- Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal condition is detected during use, charge or storage.
- Do not use your handset with a damaged or deformed battery.
- Do not solder the battery directly.
- Remove the battery whose life cycle has expired from equipment immediately.
- The earpiece may become warm during normal use. Also, the handset itself may become warm while the battery is being charged.

- When a handset is in vibration mode, the vibration may cause the handset to move.
- Be careful not to place the handset near heat sources (such as a heater).
- Use a damp or anti-static cloth to clean the handset. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- Third party equipment: The use of third party equipment, cables, or accessories, not made or authorized by ZTE, may invalidate the warranty of your phone and also adversely affect the phone's safety and operation.
- Remember to make backup copies of all important data on your handset.
- Remember to recycle: The cardboard packing supplied with this handset is ideal for recycling.

Warnings: In the unlikely event of a battery leak, take care to keep the battery discharge away from your eyes and skin. If the leakage does come into contact with the eyes or skin, flush thoroughly with clean water and consult with a doctor.

Aircraft Safety

- Switch off your phone or activate the airplane mode when inside or near an aircraft. Use of handsets in an aircraft may be dangerous to the operation of the aircraft and may disrupt the cellular network. Failure to observe this instruction may lead to suspension or denial of phone service to the offender, or legal action, or both.

- Airplane mode allows you to use many of your phone's features, such as games, calculator, voice memos, and many others when you are in an airplane or other area where wireless signals may cause interference. In the airplane mode, you are prohibited from making or receiving calls.

Hospital Safety

- Switch off your phone and remove its battery in areas where handset use is prohibited.
- Follow the instructions given by any respective medical facility regarding the use of cellular handsets on their premises.

General Guidelines

- Many jurisdictions have laws and regulations about taking pictures in public or private areas regarding the processing and further use of such pictures. ZTE encourages its customers to obey all laws and to honor the personal rights of others.
- Check the roaming agreement availability with your network operator.
- The use of mobile phones is not allowed in some radiation sensitive areas, such as hospitals, research centers, and airplanes. The user is responsible for powering-off the device. If there is any uncertainty, the battery should be removed.
- Observe any signs that indicate powering off your handset, such as those near gas stations or explosives.
- If you have a heart condition, be careful with the setting of call vibration or tone volume. This phone is capable of producing loud noises which may damage your

hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

- Do not allow children to play with the handset, charger or batteries.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a handset is used next to them. Observe any caution signs and the manufacturer's recommendations.
- Take care not to put your phone in the back pocket of your pants and then sit on the phone. Also, do not put your phone at the bottom of a bag where it may be subject to excessive weight or pressure as this may damage the LCD and camera lens and cause them to malfunction.
- The phone contains metal and may cause a reaction for overly sensitive skin types.
- Do not leave the phone discharged or without a battery for a long period of time. Otherwise some data may be erased.

Road Safety

- You must exercise proper control of your vehicle at all times. Give your full attention to driving.
- Observe all of the recommendations contained in your local traffic safety documentation.
- Pull off the road and park before making or answering a call, if driving conditions require so. Check if local laws and/or regulations restrict the use of cellular phones while driving.

- You must not stop on the hard shoulder of a motorway to answer or make a call, except in emergency situations.
- Switch off your handset at a refueling point, such as a gas station, even if you are not refueling your own car.
- Do not store or carry flammable or explosive materials in the same compartment as the handset.
- Electronic systems in a vehicle, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment may advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by the radio transmitter in the handset, consult your dealer and do not switch on the handset until your handset has been checked by a qualified technician.

Vehicles Equipped with an Airbag

An airbag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the airbag or in the airbag deployment area. If in-vehicle wireless equipment is improperly installed and the airbag inflates, serious injury could result.

Third Party Equipment

The use of third party equipment, cables or accessories, not made or authorized by ZTE, may invalidate the warranty of the handset and also adversely affect the handset's operation. For example, use only the ZTE charger supplied with the handset.

Efficient Use

For optimum performance with minimum power consumption, do not cover the antenna area (It's on the bottom of your phone.) with your hand. Covering the antenna affects the call quality, may cause the handset to operate at higher power levels than needed, and may shorten talk and standby times.

Radio Frequency (RF) Energy

Your handset is a low-power radio transmitter and receiver. When it is turned on, it intermittently receives and transmits Radio Frequency (RF) energy in radio waves to handle and control the power level at which the handset transmits. Exposure to radio frequency energy:

- Radio wave exposure and Specific Absorption Rate (SAR) information. The handset is designed to comply with safety requirements for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.
- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using a standardized method with the phone transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various ZTE phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

- The SAR limit recommended is 1.6 W/kg averaged over one (1) gram of tissue. The highest SAR value for this model phone tested for use at the head is 1.53 W/kg (1g).
- The highest SAR value for this model phone tested for use at the body is 0.662 W/kg (1g). SAR compliance for body-worn operations is restricted to belt clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 1.5 cm separation between the device, including its antenna, and the user's body.

Emergency Services

To make an emergency call in any country:

1. Ensure your handset is **ON** and in service.
2. Press the **End Key** as many times as needed to clear the display and ready the device for calls.
3. Enter a local emergency number, i.e., 911.
4. Press the **Send Key** to dial the number. Follow instructions received and do not end the call until told to do so.

Note: Tell the operator which service you require: Police, Ambulance, Fire Engine, Coastguard or Mountain Rescue Service. Give your position, and if possible, remain stationary and maintain contact. Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed. You should never rely on any wireless device for essential communication such as medical emergencies.

FCC Notice

This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone 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.

IC Notice

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This Category II radiocommunication device complies with Industry Canada Standard RSS-310.

Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

IMPORTANT NOTE:

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with minimum distance 1.5cm between the radiator & your body.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

2. Introduction

Overview

Thank you for purchasing the ZTE C78 Mobile Phone. The C78 is capable of making voice calls, sending and receiving SMS messages in CDMA 1x networks. This phone provides many functions which are practical for daily use, including a 0.3-megapixel camera, calendar, calculator, alarm clock, etc. It can be connected to Bluetooth wireless devices and accessories. Its A2DP Bluetooth profile means you can enjoy the music play via a Bluetooth headset.

To guarantee this mobile phone is always in its best condition, read this manual carefully and keep it for future reference. To ensure your safety, read Section 1 - **For Your Safety** thoroughly before using this handset for the first time.

Note: The pictures and icons presented in this manual are meant for illustrative purposes only and may not accurately represent the actual pictures and icons found on the phone. Your phone contains the most up to date information.

What's Included

Your ZTE C78 Mobile Phone package contains the following components. Check the box carefully to ensure all items are present.

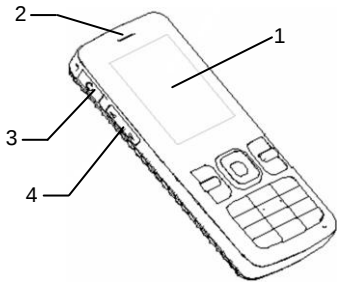
- C78 Handset
- Battery
- User Manual and literature pack
- AC Travel Charger

We, ZTE Corporation, declare that the product is packaged with battery separate in the box. The FCC ID label is placed on the mobile phone clearly visible to all persons at the time of purchase.

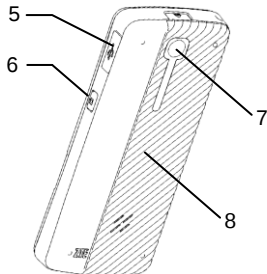
C78 Technical Specifications

Handset Type	C78
Dimensions (L x W x H)	111 × 48 × 15 mm (4.4 × 1.9 × 0.6 in.)
Weight	Less than 100 g (3.53 oz) including battery
Continuous Standby Time	180 hours (subject to the network)
Continuous Talk Time	220 minutes (subject to the network)

Phone at a Glance



- [1] Display Screen
- [2] Earpiece
- [3] Earphone Jack
- [4] Volume Key



- [5] USB Charger Port
- [6] Camera Key
- [7] Camera
- [8] Back Cover

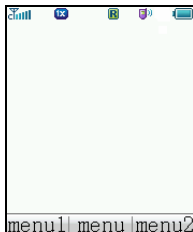
Key Definitions

	Left Soft Key – Execute prompts that appear in the lower-left corner of the screen, directly above the button. These prompts change according to the screen content.
	Right Soft Key – Execute prompts that appear in the lower-right corner of the screen, directly above the button. These prompts change according to the screen content.
	Send Key – Make and answer calls. This button is also a short cut key to “All Calls” from the idle screen.
	End Key – End calls and close applications. Holding this key for a while in the idle screen will power off the handset.
	Camera Key – Holding this key for a while will launch the camera in standby mode.
	Volume up / Volume down Keys – Adjust the volume of calls.

	Navigation Keys – These keys (up, down, left and right) allow for navigation through menu options and quick access to some function menus in standby mode: All Contacts (Up), Media (Left), Bluetooth (Right) and Messaging (Down).
	OK Key – Confirm actions and make selections. This key also executes prompts that appear on the lower-middle button on the screen, above the key. These prompts change according to screen content.
	0-9 Number/Alphabetic Keys – These keys are used for entering numbers and letters, dialing a speed call, and selecting options while navigating through menus. Press the 1 key in standby mode as a shortcut to launch Voice Mail.
	* and # Keys – These keys have different functions, depending on the mode or function menu. Hold the * key for a while in standby mode to turn on/off vibration mode. Hold the # key for a while in standby mode to lock the keypad.
	Back Key – Delete characters during text entry. Press the key to return to the previous page during menu navigation.
	Speaker Key – Activate and de-activate the speakerphone function during voice calls.

User Interface

The user interface is constituted of three parts. They are the icon area, the text and graphics area and the soft key indicator area.



Icon Area: Displays the function icons running.

Text and Graphics Area: Displays the text, commands, and all information entered.

Soft Key Indicator Area: Displays the current functions for the related soft keys.

Indicators and Icons

	1x Service		Airplane Mode Is Active
	Alarm		Battery Status
	Call Connect		Calendar
	Earphone		High SMS Priority
	Incoming Call		Missed Call
	New SMS Message		New Voice Mail
	No Signal		No Battery
	Outgoing Call		Roaming
	Ringer On		Ringer Off
	Signal Strength		Silent Mode
	Vibration Mode		
	Vibration and Ringer Mode		Bluetooth
	Bluetooth Headset		

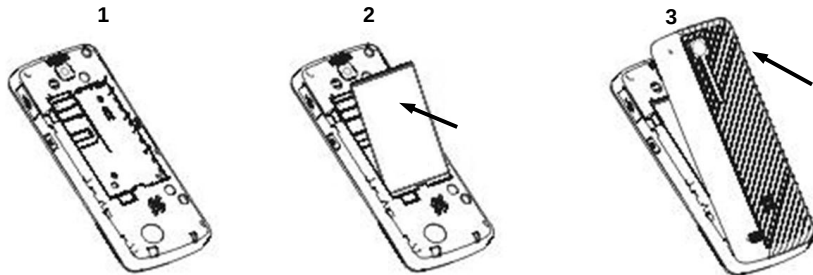
3. Set up Your Phone

This chapter outlines the steps required to set up your phone, power-on and activate on your service provider's network. Follow the procedure below step-by-step to get started.

Battery

Please switch off your phone and disconnect the charger with it before removing the battery. Avoid touching electronic components on the battery and battery compartment of the phone.

Install the Battery

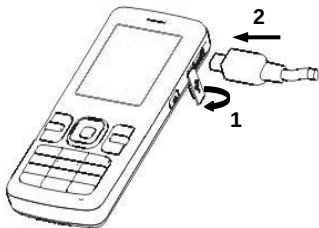


1. Make sure the + and – terminals on the battery be lined up with the metallic points in the battery compartment.
2. Insert battery to the plastic retainer clip and push down on the bottom section of the battery until it clicks into place. It should be aligned with the bottom of the phone.
3. Place the battery cover so that it covers the entire battery. Close the cover and lock it into position. Make sure the battery cover is secure.

Charge the Battery

Your phone is powered by a rechargeable battery. The battery is not fully charged when you purchase your phone, but there may be enough power in the battery to turn the phone on. Charge the battery with the procedure indicated below.

Note: For maximum battery performance, it is recommended that you completely charge the battery before using the phone for the first time. A new battery's full performance is achieved only after three complete charge and discharge cycles.

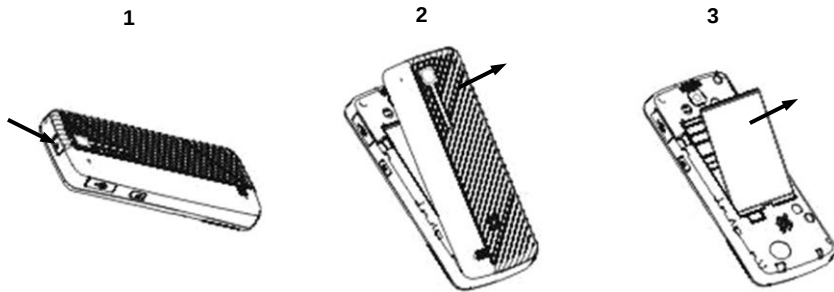


1. Pull the rubber USB cover out of the USB port and move it out of the way.
2. Insert the charger's USB adapter into the USB port. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the USB port.

Note: Make sure you plug the AC charger into a standard AC outlet box when you begin charging the battery.

Remove the Battery

If you need to remove your phone's battery, please follow the procedure indicated below:



1. Press the button on the top of the phone and lift off the back cover.
2. Insert your fingernail into the slot on the bottom of the battery. Lift the bottom of the battery away from the handset.
3. Remove the battery from the battery compartment.

Power On/Off Your Phone

To power on the phone, press and hold the **End key** for at least 3 seconds. If the handset lock code has been activated, the phone will prompt to enter the code. The default password for an inactivated phone is 0000. Once you have activated your handset, the default lock code will be the last 4 digits of your phone number.

It is also possible that the lock code has been updated by the user. If the updated lock code is lost or forgotten, please contact your service provider.

To power off the phone, press and hold the **End key** for at least 3 seconds from the idle screen.

Warning: Do not power the phone on when wireless phone use is prohibited, or when it may cause interference or danger.

Keyguard Mode

To prevent accidental pressing of keys, the C78 is equipped with the **Keyguard Mode** feature. To enter the Keyguard Mode, press and hold the # key of the phone while in standby mode.

To exit Keyguard Mode, press the Right Soft Key “Unlock” and then press the * key.

Connect to the Network

After your phone is unlocked, it will automatically search for the network.

Activate Your Phone

Before placing a call with your new phone, you must activate the phone on the network. To activate the phone, dial *228 from the idle screen and follow the step-by-step instructions. Once the display indicates that programming is successful, please restart the handset. You may then place a call with your handset.

4. Basic Operations

Make Voice Calls

Use the Keypad

1. Enter a phone number including the full area code by using the numeric keypad. If an incorrect character is entered, use the **Back key** to delete the digit. Pressing the **Back key** for a while will erase all digits before the cursor.
2. Press the **Send key** to make the voice call.
3. Press the **End key** to end the call, or to cancel the call attempt.

Note: To make an emergency call, enter the emergency number and press the **Send key**. If possible, remain stationary and keep the line connected.

Use the Contacts List

You can also make a call by choosing a record from your **Contacts**. To place a call from the contact list:

1. Choose **Menu**→**Contacts** to display your contact list.
2. Scroll to the desired entry and press the **Send key** to make a call.

Use the Last Number Dialed

Your phone can redial the last number that was called. To dial the last number:

1. Press the **Send key** from the standby mode.
2. Press the **Send key** again to dial the first entry.

Use the Number from the Call History

Generally, all calls you have made or received are saved in a list on the phone.

You may use the **Send key** as a short cut key to “All Calls” from the idle screen.

All numbers are grouped into Missed Calls, Incoming Calls, and Outgoing Calls. To dial a number from your call history:

1. Select **Menu**→**Calls** from the standby mode.
2. Navigate through the menu and press the **OK key** to select Missed, Incoming or Outgoing calls.
3. Select the phone number you want to dial from the list and press the **Send key** to place the call.

Use Speed Dials

Your phone is capable of storing nine Speed Dial numbers that can be quickly dialed from standby mode. Among the nine digit buttons, the 1 is assigned to Voice Mail function. To use the Speed Dialing feature:

1. Press and hold the number key for the Speed Dial entry you would like to call.
2. The call will be connected automatically.
3. Press the **End key** to end the call, or to cancel the call attempt.

Note: If you have not already assigned a Speed Dial to the selected key, the phone will prompt that no Speed Dial has been assigned. You may select **Yes** to add a Speed Dial immediately. For more information on creating Speed Dials, please refer to the section **Contacts-Speed Dials** in this manual.

Answer Voice Calls

When you receive a call, the ring tone, illumination, or vibration function will be activated, depending on your current settings. If you subscribe to Call Display and the Caller ID function has been activated by the caller, the caller's phone number will be displayed. If the calling party use the service hiding their phone number, your phone will show that the phone number has been withheld.

To answer the call, press the **Send key**. You can disconnect the call by pressing the **End key**.

Note: You can also enable the phone to answer calls automatically, or by pressing any key on the keypad. The default setting can be changed in **Menu→Settings→System→Call Setup**.

If your phone is connected to a compatible Bluetooth headset, you can answer or end the call by pressing the **Send/End key** on the Bluetooth headset.

In-Call Features

Volume

During a call, you can adjust the earpiece volume by pressing the volume keys on the side of the phone.

Mute

You can mute your voice during the call by pressing **Mute**, located on the right soft key. Pressing **Unmute** will allow the caller to hear your voice again.

Speakerphone

Your phone has a speakerphone function that allows you to talk hands-free with the use of the phone's external speaker. To use speakerphone, press the **Speaker key** on the keypad after the call has been connected. Press the **Speaker key** again to return to the standard call mode.

Advanced Features

To enter the advanced in-call features, press the **Options** during a call. The following will be available:

1. **Call The Third Party:** Call another number to activate three-way call feature.
2. **Messaging:** Switch to the message interface during the call.
3. **Contacts:** Switch to the contacts interface during the call.
4. **Switch to Phone/Bluetooth Headset:** Switch to Phone/Bluetooth headset to answer the call.

Three-Way Call

Your phone has a three-way calling feature, which enables you to have conference calls with two parties. You can activate this function by following the procedure below:

1. Once a voice call has been established with Party A, press the **Options** and select **Call The Third Party**.
2. The dialing window will appear. Enter the phone number of Party B and press **Send key**.
3. When the Party B answers the call, you will be connected with Party B only. Party A will remain on hold.
4. To activate the three-way call, press the **Send key** again. You will be able to converse with both parties simultaneously.

5. Press the **Send key** again to end the call with the Party B. You may press the **End key** to end both calls.

Call Waiting

Your phone can accept phone calls while another call is active. You can manage the phone's call waiting feature as follows:

1. If you receive a call during an active conversation, the phone will prompt that there is an incoming call and allow you to accept or reject the call.
2. Press the left soft key to accept the call.
3. After accepting the call, you will be connected with the second caller, while the first party is put on hold. You may switch between callers by pressing the **Send key** again, or by selecting **Options**→**Swap**.
4. Press the **End key** to disconnect from the active caller.

Note: When the **End key** is pressed, both the active and holding user will be disconnected. If the holding user remains on the call, your phone will ring again. You may accept or reject the call.

Note: The three-way calling and call waiting feature requires network support and may result in additional charges. Contact your service provider for more information.

5. Entering Text

Key Functions

Key	Function	Description
	Left soft key	Execute prompts that appear in the lower-left corner of the screen, directly above the button.
	Right soft key	Execute prompts that appear in the lower-right corner of the screen, directly above the button.
	OK key	Confirm actions and make selections. This key also executes prompts that appear on the lower-middle button on the screen, above the key.
	Navigation keys	Move the cursor up and down, left and right during text editing.
	* key	Switch between Lowercase Alphabetic mode, Standard input mode and Uppercase Alphabetic mode.
	# key	Insert a space for pressing once.
	End key	Exit or back to the idle screen.

	0-9 keys	Enter characters 0-9 and the letters from a-z. In text input mode, use key 1 to enter punctuation marks and symbols.
	Back key	Delete the previous character during text editing. Long pressing the Back key erases all text.

Text Input Modes

During text entry, you can press the display symbol button on the right soft key to select the input mode. The current mode is indicated on the right soft key menu among the following display symbols:

Display Symbol	Text Entry Mode
	Standard input mode
	Lowercase Alphabetic mode
	Uppercase Alphabetic mode
	Word predictive text mode
	Number mode

Symbols	Symbol mode
---------	-------------

Alphabetic Mode

In Alphabetic mode, the alphanumeric keys from 2 to 9 are used to enter letters and numbers. You can enter the letters among the letters displayed on the keypad by pressing the keypad once and once again, and wait for a while until the underline of the entering letter disappears, the letter will be entered successfully. Take the 2 key for example:

There are letters “abc” on the keypad.

So press the 2 key once to enter the letter “a”, twice to enter the letter “b”, three times to enter the letter “c” and four times to enter number “2”, then continue pressing to start a new loop of “a” to “2”.

Note: Standard input mode is just the same as Alpha mode. But when composing sentences, the first letter of the new sentence will be capitalized automatically in standard input mode.

Word Mode

Word mode allows you to input messages or text quickly by using your keypad and the built-in predictive dictionary. To write a desired word, begin entering letters with the

keys “a” to “z”. After part of the word has been entered, a list will be displayed on the menu bar with the most commonly used words containing the letters you have input.

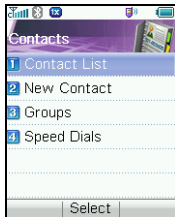
As you enter more letters, the words in the predictive dictionary will be modified to reflect your current text. At any time, you may scroll down the list with the **Navigation keys** or **0 key** and select a desired word by pressing the **OK key**. The complete word will be displayed in the editing window.

Number Mode

In Number mode, use alphanumeric keys from 0 to 9 to enter the number. You can only enter the number directly shown on the keypad. The letters can't be entered in this mode.

6. Contacts

Your phone has an address book capable of storing 500 contacts containing phone numbers, E-mail address and many other fields. To enter the contact list from standby mode, select **Menu**→**Contacts**.



This menu allows you to save and manage contact address information. In **Contacts** you can add a new address, or search saved contact addresses by name. You can also add a personal ringtone to a contact card.

Note: To quickly access the contact list, press the left soft key named **Contacts** from the standby mode.

Contact List

Select **Contact List** to view the list of all contacts stored on your phone. You may scroll up or down the list using the **Up/Down key**, and press **OK key** to view the desired contact information. Pressing **Options** will display the following pop-up menu:

1. **New Contact:** Add a new contact.
2. **Send Message:** Send a message to the contact.
3. **Send Bus. Card:** Send the name, number and e-mail address of the record via Bluetooth to another Bluetooth compatible mobile phone.
4. **Delete:** Delete the selected record.
5. **Groups:** Display the groups interface.
6. **Set Speed Dial:** Assign the current number to one of the Speed Dial dialing keys. Speed dialing allows you to press and hold a number key in standby mode to call the stored phone number.
7. **Delete All:** Delete all records.
8. **Memory Info:** View the amount of Used, Available and Total records information.

You may also search for a contact from the **Contact List** screen. Type the name of the desired contact. Your input will be displayed at the bottom of the contact list. The phone will automatically scroll to the name that most closely matches your input.

New Contact

The **New Contact** menu allows you to add a new contact record. The following information can be stored for each contact:



Name: Contact name.



Mobile1: Mobile phone number.



Home: Home phone number.



Office: Office phone number.



Mobile2: Mobile phone number.



Email: Email address.



Group: Contact group (i.e., General, Family, Business, Personal, and VIP)



Ringtone: Ringtone to be played when receiving calls from the contact.



Notes: Other information about the contact.

Press the **OK** key to save the contact information. Press the **Back** key to exit from the **New Contact** interface.

Note: You may enter any of the contact information above; however, the name and a phone number or an E-mail address must be entered in order to save the contact.

Groups

The **Groups** menu allows you to add contacts to any of the five caller groups. The following are available from the Groups menu:

Edit: Rename the selected group.

Msg: Switch to the contact list for the desired group. You can mark recipients from the group to whom you can send a message.

Select: Switch to the contacts list of the current group.

Speed Dials

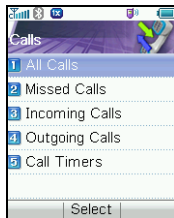
The **Speed Dials** menu allows you to view the current list of speed dials and add new entries. Use the **Up/Down key** to navigate to a desired speed dial number.

For speed dial numbers that are already assigned, click **View** to see the contact name and the phone number. You may also select **Dial** to call the contact, or **Clear** to remove the contact from the speed dials list.

To add a new speed dial, navigate to an empty speed dial number and press **List**. The contact list will be displayed. Navigate to the desired contact and press **Select** to add the contact to the speed dial list.

7. Calls

Your phone has a call history feature that automatically stores information about incoming, outgoing and missed calls. You may use the **Send key** as a short cut key to **All Calls** from standby mode.



You may navigate through the Calls interface with the **Up/Down key** and press **Select** →**View** to view the information below:

All Calls

Displays all recent incoming, outgoing and missed calls.

Missed Calls

Displays recent calls received but not answered.

Incoming Calls

Displays recent calls received by the phone.

Outgoing Calls

Displays recent calls made from the phone.

Call Timers

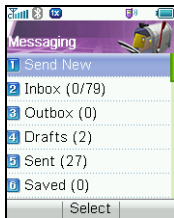
The **Call Timers** feature allows you to view the approximate duration of your calls.

You can reset the call timer information by selecting **Reset** on the right soft key.

Note: The call timers are not intended for billing purposes. The actual invoice for calls and service provider may vary depending on network features, rounding off for billing, rates and similar factors.

8. Messaging

Your phone has the functionalities of sending and receiving text messages (SMS) and voice mail messages. To enter the messaging interface from standby mode, select **Menu**→**Messaging** or press the **Down key** in the standby mode.



Send New

The **Send New** selection is used to create and send a message with the composer. To create a message, enter a phone number in the **To** field. You may directly enter the recipient's number using the keypad. After entering one number, you may press **Add** to enter additional numbers.

You may also add recipients from your contact list by pressing the **Options**→**Contact**. Use the **Up/Down key** to highlight the desired contact, and press **Mark** and then

press **Select** to select the contact. You may scroll down to select multiple recipients. After the desired numbers have been selected, press the **OK key** to add the recipients to the message.

Note: You may send an SMS to a maximum of 10 recipients.

When you have finished entering all recipients, press the **Down key** to move the cursor to the lower window for creating your message text. For more information about text entry, refer to Section 5 - Entering Text.

Press the **OK key** to send the message. You can also save your message at any time by selecting **Options**→**Save To Drafts**.

Your phone allows you to perform a variety of other functions within the messaging window. Select **Options** to access the following features:

Save To Drafts

Save the message to the Drafts folder.

Quick Text

Quick Text messages are used to enter common responses to questions from a pre-defined dictionary. Select **Quick Text**, locate a desired phrase and click **Select** to add

the text to the current message. For more information about Quick Text, refer to **Settings - Quick Text Settings**.

Signature

Input your pre-defined signature. See **Settings – Message Settings – Signature** for information on how to create a customized signature.

Message Priority

Set the priority for the message. If you set the message to high priority, an exclamation mark will be displayed on the message icon when the message is listed in the message box.

Inbox

The Inbox folder contains all of your received text messages. From this folder you can review your received messages, reply or forward messages to another recipient. To access the inbox from the standby mode, select **Menu→Messaging→Inbox**.

Read a Message

1. Use the **Up/Down keys** to select the desired message.
2. Press **View**.
3. You may press **Reply** to respond to the original recipient.

Reply to a Message

1. Highlight the desired message and press the **Reply** or **View→Reply**.
2. Compose your reply message. For more information about creating messages, refer to Send New.

Outbox

The Outbox folder contains all messages that were unsuccessfully sent during the last attempt. From this folder you can edit or re-send your message.

To edit a message before sending, press **Edit**. This will display the composer interface where you can edit your message. Select **Send** from this screen to send the message.

You can also send a message directly from the Outbox by pressing **Send**.

Drafts

The Drafts folder contains drafts and unfinished text messages. From this folder you can complete and resend your messages. Select **Edit** to open the message, and press **Send** in the composer to send the message.

You may delete a highlighted message by pressing **Delete** and delete all the messages in the folder by pressing **Del. all**.

Sent

The Sent folder contains messages that have been successfully sent by your phone. Press **Edit** to open the composer interface to edit or resend your message. You may also select **Delete** to delete the selected message from the Sent box.

Saved

The Saved folder contains saved text messages. From this folder you can edit and resend your messages. The messages that are saved in this folder will not be deleted automatically.

You can view a saved message by highlighting the desired message and selecting **View**. You can also reply to messages by pressing **Reply**.

Voice Mail

When the Voice Mail function is available, all unanswered calls to your phone can be transferred to your voice mailbox, even if your phone is not being used or powered off. You should set up your voice mailbox and personal greeting as soon as your phone is activated. For more information, contact your service provider.

To check your voice mailbox, select **Call** from the Voice Mail interface. The phone will automatically place a voice call to the Voice Mail center. You may clear the new Voice Mail indicator by pressing **Reset**.

Shortcut: To quickly access your voice mailbox from standby mode, press and hold the 1 key. Your phone will automatically place a voice call to the Voice Mail center.

Settings

This menu allows you to customize the options to fit your preferences. From standby mode, select **Menu**→**Messaging**→**Settings** to access the settings menu.

Message Settings

1. **Save To Sent Box:** Set whether messages are saved to the Sent folder.
2. **Auto Delete Inbox:** If the function is active, when a new message comes and the inbox is full, the oldest message will be deleted automatically.
3. **Default Entry Mode:** Set the default entry mode.
4. **Delivery Report:** Set Delivery Report on or off.
5. **Callback:** Set the callback number that is sent along with SMS messages.
6. **Signature:** Allow you to input and save your message signature. The saved signature can be appended to all outgoing messages.

Quick Text Settings

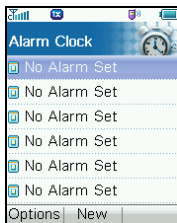
The Quick Text Settings is a list of phrases that are commonly used in short messaging. To view or edit the phrase, press **Edit**. For more information on adding Quick Text to your message, refer to Send New.

Memory Info

The Memory Info menu displays the amount of memory available for text messages. Press the **OK key** to exit from the menu.

9. Alarm Clock

The alarm function allows you to set up multiple separate alarms. To access the alarm clock function, select **Menu**→**Alarm Clock** from the standby mode.



Edit an Alarm

To edit an alarm, highlight the desired alarm, select **Options**→**Set Alarm** to edit. To create a new alarm, press **New**. You may set the alarm options described below:

-  **Type:** Set the alarm type.
-  **Date:** Select the alarm date. This feature is only available for the alarm type: **Once**.
-  **Time:** Enter the time for the alarm.
-  **Ringtone:** Select the ringtone that will be played when the alarm sounds.

 **Status:** Enable or disable the alarm.

 **Remark:** Enter a comment to be displayed with the alarm.

You can save the alarm by pressing **Save**.

Alarm Options

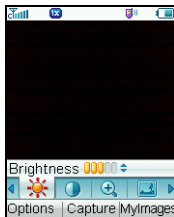
To access the alarm settings, press **Options**. The following options are available:

1. **Set Alarm:** Edit the highlighted alarm entry.
2. **Set Rest Days:** Set the rest days that the alarm will not alert.
3. **Delete All:** Delete all the alarms.

If there are existing alarms, selecting **View** will display the alarm information. Press **Delete**, if you want to delete the alarm. And press **Edit**, if you want to edit the viewing alarm.

10. Camera

The Camera function allows you to take pictures with your phone. To access your camera, select **Menu**→**Camera** from the standby mode.



Shortcut: You can quickly access the Camera application by long pressing the **Camera key** on the side of the phone in standby mode.

Take Pictures

To take a photo, press **Capture** to shoot an image as your desired. You also can press the **Camera key** on the side of the phone to take a photo.

You can use the **Right** and **Left** navigation keys to view your image settings while shooting. Use the **Up** and **Down** navigation keys to adjust the level for each of the following settings:

 **Brightness:** Adjust the brightness level of the image.

 **Contrast:** Adjust the contrast of the image.

 **Zoom:** Adjust the zoom level (If available).

 **Effect:** Change the effect of the image.

For more shooting options, select **Options** to do the following operations:

1. **Self Timer:** Set the self timer to be off or certain seconds.
2. **Image Size:** Choose the available image size.
3. **Image Quality:** Select Super Fine, Fine or Standard image quality.
4. **White Balance:** Choose Auto, Sunny, Cloudy, Incandescent, and Fluorescent white balance types.
5. **Shutter Sound:** Select your desired shutter sound.

View Your Photos

You can view your previously taken images by selecting **MyImages** located above the right soft key. For more information, see **MyImages** section.

11. Media

Your phone has the capability to play ringtones, and capture and view images. These functions are all accessible through Media menu. To access Media menu, select **Menu**→**Media** from the standby mode.



Camera

The camera function allows you to take pictures with your phone. Please refer to Section 10 - **Camera** for the detailed information.

MyTunes

The Tunes selection allows you to play and manage the tunes in the phone. To access your Tunes from standby mode, select **Menu**→**Media**→**MyTunes**.

Play Your Tunes

In the My Tunes interface when you highlight a tune, press the **OK key** to play the highlighted tune.

- Use the **OK key** to start and stop the playing.
- Select **Options** → **File Info** to view the file property of the tune.
- Use the **Back key** to stop the playing and exit from **MyTunes**.

Manage Your Tunes

In the My Tunes interface, you can manage tunes files and send tunes via Bluetooth.

When pressing **Options**, you can do the following:

1. **Via Bluetooth:** Send the tune via Bluetooth. Some files, such as MP3 music files, may be too large to send.
2. **Set As:** Set the tune as Caller ID Ringer, Unknown Calls Ringer, Messaging Ringer, etc.
3. **Rename:** Rename the tune.
4. **Delete:** Delete the tune.
5. **Mark All:** Mark all the tunes in the folder.
6. **File Info:** View the file property of the tune.
7. **Digital Rights Info:** View the detailed digital rights information. (This menu option is only displayed for a DRM file)

After highlighting a tune, you can press **Mark** to mark the tune.

Note: Please obey local laws concerning the copyright and intellectual property rights connected with any media files, including music and images.

MyImages

Your phone is able to manage the image in the format of JPG, GIF, BMP and PNG. You can view it, send it via Bluetooth or set it as the wallpaper. To access MyImages folder from the standby mode, select **Menu**→**Media**→**MyImages**.

View Your Image

When you highlight a file, press **View** to view it. In the viewing interface you can view it with full screen by pressing **Full Scr**.

Manage Your Images

In the MyImages interface when you highlight an image, you can send the image via Bluetooth.

When pressing **Options**, you can do the following:

1. **Via Bluetooth:** Send the image via Bluetooth.
2. **Set As Wallpaper:** Set the image as the wallpaper.
3. **Rename:** Rename the image.
4. **Delete:** Delete the image.
5. **Mark All:** Mark all the images in the folder.
6. **File Info:** View the file property of the image.

After highlighting an image, press **Mark** to mark the image and **View** to view the image.

Note: Please obey local laws concerning the copyright and intellectual property rights connected with any media files, including music and images.

Preloaded Files

The preloaded files folder is a convenient way to organize all the preloaded tunes and images of your handset. To access the preloaded files folder from standby mode, select **Menu**→**Media**→**Preloaded Files**. In this folder you will be able to access the Tunes and Images folders.

Tunes

After highlighting a tune, you can set the desired tune to your Caller ID Ringer, Unknown Calls Ringer, Contact Ringer, Messaging Ringer, Alarm Ringer, etc. via **Set As**.

Images

When you highlight an image, you can view it by pressing **View** and set the image as the wallpaper via **Set As**.

Memory Info

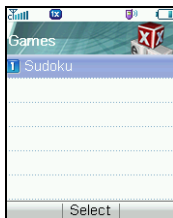
The Memory Info selection allows you to view the details about the space used and available memory. To view the memory information from the standby mode, select

Menu→Media→Memory Info.

12. Games

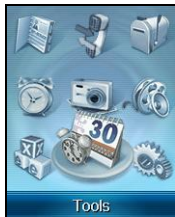
Your phone is capable of playing games. To access the game folder from the standby mode, select **Menu**→**Games**.

Press the **OK key** to launch the game and please follow the instructions on the screen to play the game.



13. Tools

The Tools menu provides helpful software applications to assist with daily tasks, such as calculator, alarm clock, world clock etc. To access the Tools folder, select **Menu**→**Tools** from the standby mode.



Calculator

Your mobile phone has a built-in calculator capable of performing addition, subtraction, multiplication and division. To access the calculator from the standby mode, select **Menu**→**Tools**→**Calculator**.

1. Enter a number with the keypad.
2. If necessary, press the right soft key to insert a decimal point.
3. Use the navigation keys to select a mathematical function (add, subtract, multiply

or divide).

4. Enter the next number with the keypad.
5. Press the **OK key** to view the result.

Alarm Clock

The alarm function allows you to set up multiple separate alarms. Please refer to Section 9 – **Alarm Clock** for the detailed information.

Calendar

The Calendar allows you to conveniently access and modify your agenda. You can access the Calendar by selecting **Menu→Tools→Calendar**.

Add an Appointment

To add an appointment to the Calendar, press the right soft key **Add**. You may select to add a Meeting, Memo or Anniversary from the list.

View an Appointment

When you open your Calendar, it will automatically navigate to the current date. You may navigate the navigation keys to view appointments on a different date. To view the details of an appointment, highlight the desired appointment and press **View**. This

will display various parameters such as the time, date, subject and location. You can manage the appointments in the view interface by selecting **Edit** or **Delete**.

Calendar Options

To access the Calendar settings, press the left soft key **Options**. The following options are available:

1. **Go To Date:** Input a date and press **OK** to jump to the specified date.
2. **Delete Entries:** Delete In This Day, Before Date, and All Entries appointments.
3. **Settings:** Set the alarm tone and default calendar view (Month or Day view).
4. **Memory Info:** Displays the number of used, available and total calendar entries.

Tip Calc

The tip calculator function allows you to quickly and easily calculate the tip amount based on the tip rate and bill. You can access the tip calculator from the standby mode by selecting **Menu**→**Tools**→**Tip Calc**. To calculate a tip:

1. Enter the Bill amount. Press **Decimal** to enter a decimal point.
2. Enter the Tip percentage.
3. Press the **OK** key.

4. The Tip and Total will be displayed.

You may press **Reset** to clear the input and the results.

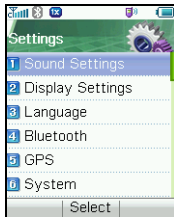
World Clock

The world clock displays the time in twenty-four different time zones around the world, together with one or more cities, states, regions or countries in each time zone. To access the World Clock, select **Menu**→**Tools**→**World Clock** from the standby mode. Press the left and right navigation keys to display different time zones.

You may press **DST** to enable or disable daylight savings time. Press **Cities** to set default city and time zone for the phone.

14. Settings

The settings menu allows you to customize your phone's display, sound, and various other settings based on your preferences. In the standby mode, select **Menu**→**Settings** to access the settings menu.



Sound Settings

The sound setting menu allows you to change the sound properties of your phone.

Ringers

Many different ringers are available to help you identify incoming calls and messages. You can assign ringtones to individual contact entries and types of calls or messages.

1. Voice Calls:

Caller ID: Edit the ringtone for calls with caller ID tags.

Unknown Calls: Set the ringtone from blocked or restricted phone numbers.

Roaming : Set the ringtone for the roaming calls.

2. Messages:

Voice Mail: Select the Voice Mail indicator sound.

Messaging: Set the indicator sound for new text messages.

Reminder: Set the reminder time for new messages.

Press **Default** to restore the initial ringers settings. Press **Edit** to edit the ringtone for the highlighted type of ringer. To save the settings of ringers, press the **OK key**.

Keypad Tone

The keypad tone menu allows you set the volume of the keypad tone.

Volume

The Volume menu sets the mode and volume options for the ringer and earpiece.

1. **Silent Mode:** Enable or disable silent mode.
2. **Master Volume:** Change the master volume level among Off, Vibrate only, four steps of Volume Level, etc.

3. **Earpiece:** Set the volume level among three steps of volume level for the earpiece of the wired headset accessory.

Power On/Off Tone

The Power On/Off Tone setting allows you to enable or disable the music played while your phone is being powered on and off.

Alerts

The alerts menu allows you to change the sound settings for various alerts on your phone. To access the alerts menu, select **Menu→Settings→Sound Settings→Alerts** from the standby mode. The following settings are available:

1. **Minute Beep:** Enable or disable the beep played before the calling time is about to achieve one minute or multi-minutes.
2. **Call Connect:** Enable or disable the alert when a call is connected successfully.
3. **Call Lost:** Enable or disable the alert when a call is lost.
4. **Low Battery:** Enable or disable the low battery alert when the battery is low.

Systems Switch Tone

You can turn on and off the system switch tone. When system switching happens and the function is on, the phone will alert with a switch tone.

Display Settings

The display settings allow you to customize your mobile phone's display screen. To access the display settings from standby mode, select **Menu**→**Settings**→**Display Settings**. The following settings are available:

1. **Banner:** Edit the banner name displayed on standby mode.
2. **Wallpaper:** Select the background image from Images or MyImages for the standby mode.
3. **Backlight:** Set the screen and keypad backlight time.
4. **Clock Format:** Change the format of the clock between Digital and Large Digital.
5. **Menu Style:** Choose between Icon and List menu style.
6. **Dialing Font:** Change the size of dialing font between Normal and Large.

Language

Your phone can display text in English or French. To change the language settings, select **Menu**→**Settings**→**Language** from the standby mode. Use **Up** and **Down** keys to select between English and French. Press **OK** to select the highlighted language.

Bluetooth

Your phone is capable of connecting to a variety of Bluetooth wireless accessories. It allows you to transfer data between Bluetooth devices, talk with a Bluetooth wireless earphone, use your handset as a remote control, etc. You may create and store 20 pairings within the phone and connect to one device at a time. The approximate range for Bluetooth wireless technology is up to 30 feet (10 meters).

The Bluetooth menu allows you to search for Bluetooth wireless devices, and manage devices that have already been paired with your phone. To access the Bluetooth menu from standby mode, select **Menu**→**Settings**→**Bluetooth**.

Bluetooth Manager

Manage the Bluetooth settings below:

1. **Power:** Enable or disable the Bluetooth support.
2. **Discovery Mode:** Disable or enable discovery mode for 60 seconds. Turn discovery mode on for 60 seconds to allow other devices to find your handset.
3. **Device Name:** Set the Bluetooth device name for your phone. This name will appear on other Bluetooth devices when your phone is located.
4. **Address:** Identify the address of the Bluetooth device in your handset.
5. **Device Type:** Show your Bluetooth device type.
6. **Support Profiles:** Allow you to view a listing of the Bluetooth profiles supported

by the handset.

Bluetooth Device

This menu allows you to manage the Bluetooth devices that have been, or currently are paired to your handset.

Note: Before using your Bluetooth headset to receive/make calls or to enjoy music, please make sure the Bluetooth headset has been connected with the handset.

Pair with a New Bluetooth Device

1. Access in the **Bluetooth Device** interface.
2. Press **Search** to find a new compatible device.
3. If Bluetooth power is set to off, you will be prompted to enable Bluetooth. Select **Yes** to enable Bluetooth.
4. The device will appear in the Bluetooth Available Devices menu once it has been located. Highlight the desired device and press **Pair**.
5. The phone will prompt you for the pass code. Consult the Bluetooth accessory instruction manual for the correct pass code. Enter the pass code and press the **OK key**.
6. Once paired, you will see the device listed in the Bluetooth Devices menu, and the Bluetooth icon will appear on the status bar.

GPS

Your phone's GPS features enable service providers to locate your position in emergencies. You may check the current GPS Status by selecting **Menu**→**Settings**→**GPS**.

System

The System menu provides system settings.

Call Setup

The call setup menu allows you to change the answering features on your phone. To access the call setup menu from the standby mode, select **Menu**→**Settings**→**System**→**Call Setup**. The following settings are available:

1. **Call Answer:** Set the way of answering a call.
2. **Auto Answer:** Set the auto-answer settings. This feature is intended for use when your phone is connected to an optional hands-free headset.
3. **Auto Redial:** Enable or disable the auto-redial feature. The mobile phone will automatically redial a call after an unsuccessful call if this function is set on.

Automatic Keyguard

The function can make the phone lock the keypad automatically after the phone is inactive for 30 seconds in the standby mode. You can select **Menu**→**Settings**→**System**→**Automatic Keyguard**, and choose to set the function on or off.

Memory Info

The Memory Info menu allows you to view information about the phone memory.

Phone Info

You can view the phone information such as the phone number, phone software version, serving system information, icon glossary, etc.

System Settings

1. **Set Mode:** Select the mode of network.
2. **Set NAM:** Your phone has the capability of storing 2 different phone numbers. Use this setting to select the current Number Assignment Module (NAM). Contact your service provider for more information about the NAM.

Note: Additional fees may apply when roaming on another network.

Security

The security menu allows you to lock your phone electronically. To access the Security menu, select **Menu**→**Settings**→**Security** from the standby mode.

Note: You will need to enter the phone lock code to enter this menu. The default password for an inactivated phone is 0000. Once you have activated your handset, the lock code will be the last 4 digits of your phone number.

If the updated lock code is lost or forgotten, please contact your service provider.

The following options are available:

Lock Mode: Choose between Unlock, Lock, and On Power Up. In Lock mode, the phone is only able to receive calls or make emergency calls. The On Power Up setting will automatically lock your phone when it is powered on.

Change Code: This menu allows you to change the phone's lock code. To change your code:

1. Select **Menu**→**Settings**→**Security**→**Change Code** from the standby mode.
2. Enter your old lock code.
3. Input the new code (1 to 8 characters).
4. Input the new code again to confirm.

Reset Defaults: Reset the default security settings.

Airplane Mode: On/Off

Airplane mode allows you to use some features of your phone, such as games, calculator and many others when you are in an airplane or other area where RF signals may cause interference.

To enable airplane mode, select **Menu→Settings** from the standby mode. Highlight **Airplane Mode: On** or **Airplane Mode: Off** and press the **OK key**.

15. Glossary

Abbreviation	Description
A2DP	Advanced Audio Distribution Profile
AC	Alternating Current
AVRCP	Audio/Video Remote Control Profile
CDMA	Code Division Multiple Access
DST	Daylight Saving Time
HFP	Hands-free Profile
HSP	Headset Profile
GPS	Global Positioning System
NAM	Number Assignment Module
OPP	Object Push Profile
PC	Personal Computer
RF	Radio Frequency
SD	Secure Digital
SID	System Identifier

Abbreviation	Description
SMS	Short Messaging Service
USB	Universal Serial Bus
VIP	Very Important Person

16. Troubleshooting

Fail to power on the phone

Check whether the battery has adequate capacity to power on.

The phone has powered off automatically

The battery capacity is quite low, please charge the battery.

No key tone when pressing the keys

Check whether the keypad tone has been disabled. You can set key tone settings via **Menu→Settings→Sound Settings→Keypad Tone**.

No incoming ringtone when receiving a call

Check whether the phone is set to Silent Mode or the phone volume is turned off by the Volume key.

Can not send a message

Check the status of the network.

Can not answer an incoming call by the headset automatically

Check whether Auto Answer function is on in the call setup settings, via **Menu→Settings→System→Call Setup→Auto Answer**.

To dial an emergency call

You can still dial an emergency call, even if the keypad is locked. Please enter the call number directly and press the **Send Key**.

Can not connect to the network

Check whether the phone is in the CDMA network service area or move other places to try again.

Can not receive a new message

Check whether the network condition is OK, and then check whether the Inbox is full. If you turn off the **Auto Delete Inbox** function, you may not receive new messages when the inbox is in full status. You should delete some messages and change the settings.

Can not establish Three-Way Call

Check the network condition and whether you have applied this service from your network provider.

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