

Thank you very much for choosing AMOI A320a, the fashionable and elegant camera phone. A320a is a perfect integration of unparalleled contemporary design and consummate precise craftsmanship, bringing you easy communication, funny entertainment, as well as highlighting your tastes.

Key Features:

Compatible with Most Standard GSM Networks

GPRS Class 10, WAP 2.0

AMOI Smart Dial

SMS (Short Message Service)

MMS (Multimedia Messaging Service)

Downloadable 40-Polyphonic Ring Tones

Phonebook Memory: 300 V-card Entries

Built-in 300K pixels CMOS Video Camera

Built-in Amusing Games

Toolbox (Alarm Clock, Record, Unit Conversion, World Time, Calendar, Calculator)

Specifications:

GSM/GPRS: 850 /1900 MHz

Dimension: 104 x 43.6 x 17 mm; 4.09 x 1.72 x 0.67 inch

Screen: 128 x 160 pixels, 1.8 inch, 65k colors CSTN display

Weight: 80g; 2.83oz

Battery Capacity: 750 mAh

Standby Time: 70-120 hrs

Talk Time: 2-4 hrs

Voice Encoding: FR / EFR / HR

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SAFETY PRECAUTIONS



Read these brief guidelines. Failure to comply with them may be dangerous or illegal.



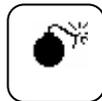
Road safety comes first

Do not use a hand-held mobile phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use a mobile phone while driving.



Switch off on aircraft

Mobile phones can cause interference. Using them on aircraft is both illegal and dangerous. (Please also close the power-off alarm clock.)



Switch off near an explosion place

Do not use the phone near an explosion place, because it likely disturbs the remote control of the explosion.



Switch off when refueling

Do not use the phone at a refueling point (service station) or near fuels or chemicals.



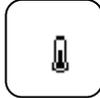
Switch off in hospital

Follow any regulations or rules. Switch phone off near medical equipment.



Interference

All wireless phones may be subject to radio interference, which may affect their performance.



Accessories and batteries

Use only approved accessories and batteries.



Use sensibly

Use only in the normal position (to ear). Do not touch the antenna unnecessarily when the phone is switched on. Your package contains the following items.

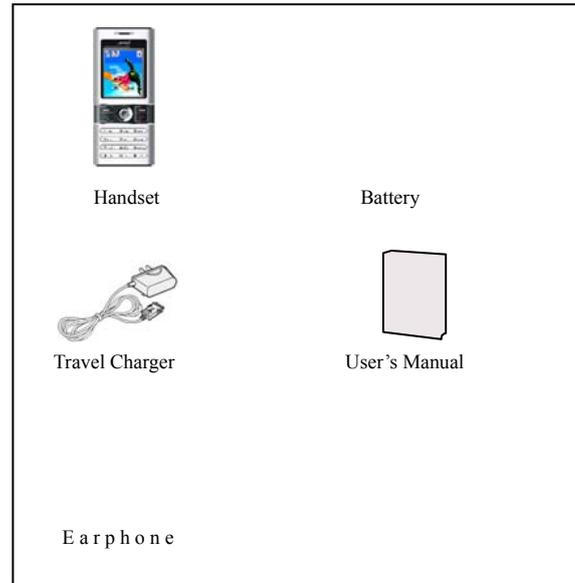


Emergency Call (SOS)

By pressing the soft key SOS you can reach an emergency call on any network without a SIM card and without entering a pin (not available in all countries)

UNPACKING

Your package contains the following items.

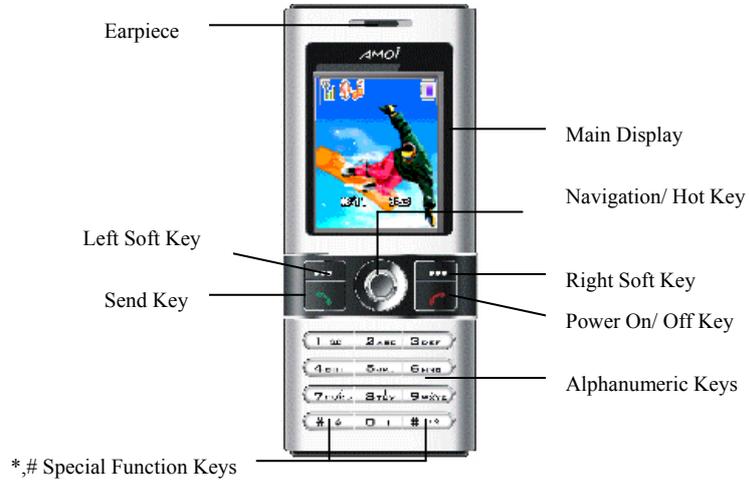


YOUR PHONE

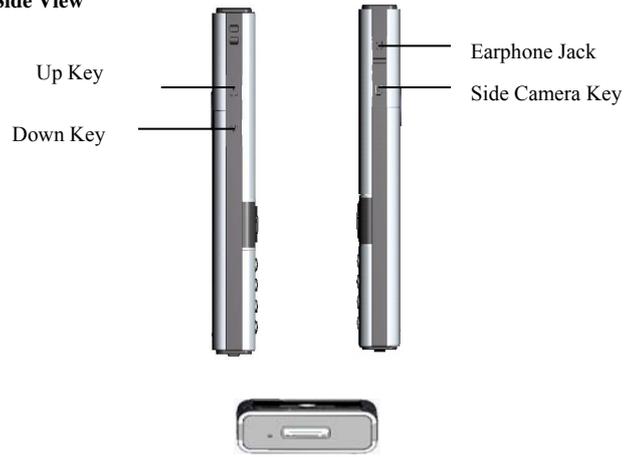
Phone's Layout

The following illustrations show the main elements of your phone.

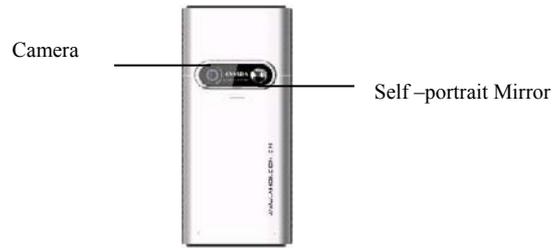
Open View



Side View



Rear View

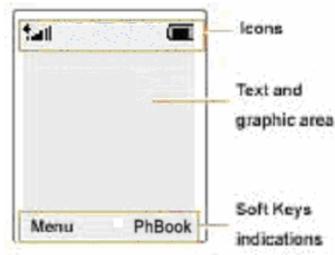


Keys Description

Key	Description
	<p>Two soft keys perform the functions indicated by the text above them (in the bottom line of the display).</p>
	<p>Navigation Keys: In the menu facility, scroll through the menu Options and Phonebook memory. In Standby mode, the ▲ key to enter Entertainment, the ▼ key to view the phonebook entries, the ◀ key to enter the Call Lists and the ▶ key to enter Messages. In standby mode, press down the center of the key to enter the WAP Internet directly.</p>
	<p>Send Key (Call Key): Makes or answers a call. In Standby mode, recalls the last number dialed. In eZi editing interface, press the key to switch among the different input modes.</p>
	<p>Power On/ Off Key: Ends a call; hold it to switch the phone on/off. In the menu facility, returns to the Standby mode or cancels your input.</p>
	<p># Key: Hold the # key to lock your keyboard; * Key: Hold the * key to switch between the silent and typical mode.</p>
	<p>Up & Down Keys (On the side of the phone): During a call, adjusts the voice volume. In Standby mode, adjusts the key tone volume.</p>

Display

The display consists of three areas.



Areas	Description
First area	Displays various icons
Middle area	Displays phone numbers, messages, graphics and any data that you enter.
Last area	Shows the functions currently assigned to the two soft keys.

Icons

	Signal Strength: Shows the received signal strength. The greater the number of bars, the better the signal strength.
	New SMS: Appears when a new message has been received; flash indicates that your message box is full.
	New MMS: Appears when a new multimedia message has been received; flash indicates that your message box is full.
	Roaming: Appears when you are out of your home area and under another different network.
	Tone & Vibrator: Indicates that your phone will ring and vibrate when there is a new incoming call or message.
	Ring: Indicates that your phone will ring when there is a new incoming call or message.
	Vibrate: Indicates that your phone will vibrate when a new call or message is coming.
	No Notification: There is no notification when a new message or call is coming.
	WAP Alert: Icon for the WAP Alert Info.
	Alarm: Appears when you set the alarm active.
	Battery Status: Shows the level of your battery. The more black area you see, the more power you have left.

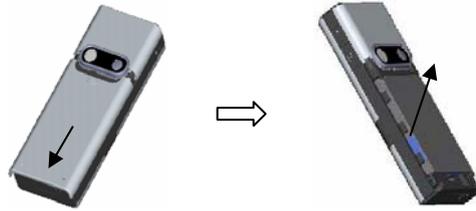
GETTING STARTED

Installing a SIM Card

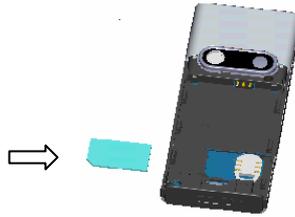
When you subscribe to a mobile network, you are provided with a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details (PIN, Phone book information and so on).

Note: The SIM card can be easily damaged by scratching or bending, so you should be careful when handling, inserting or removing the card. Follow the instructions supplied with the SIM card. Keep all SIM cards out of the reach of small children.

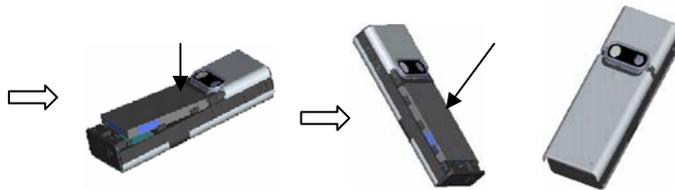
1. Hold the Power On/off key to switch the phone off.
2. Remove the battery. To do so:
 - ① Press the bottom of the battery cover, and at the same time pull it down as shown.
 - ② Remove the cover, then you can take down the battery.



3. Insert the SIM card as shown. Make sure that the notched corner is at the top right and the gold contacts of the card face into the phone.



4. Reinstall the battery. To do so:
- ① Place the battery back, taking care to match the tabs on the battery with the grooves on the phone.
 - ② Place back the cover. Make sure that the battery is properly installed before switching on the phone.



Charging a Battery

Your phone is powered by a rechargeable Li-ion battery.

You are provided with a travel charger when buying the phone. Use only approved batteries and chargers. Ask your local dealer for further details.

Note: *You must fully charge the battery before using your phone for the first time. The phone can be used while the battery is charging.*

Using the Travel Charger

1. Place the battery on the back of the phone, connect the lead from the travel adapter to the connector at the bottom of the phone.



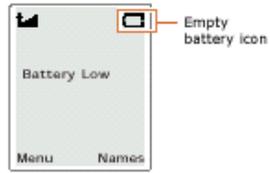
2. Connect the adapter to a standard AC wall outlet.
3. When charging is finished (the full battery icon becomes solid), disconnect the adapter from the AC wall outlet, then from the phone.

Note: *When disconnect the lead of the adapter from the phone, you should press the buttons on both sides of it, otherwise it's easily*

damaged.

Low Battery Indicator

When the battery charge level gets low, you can see an empty battery icon at the top right of the display and a text notification.



If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens, you'll lose whatever you are doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.

Switching the Phone On/Off

1. Press down the Power On / Off key for about 2 seconds to switch the phone on.
2. Enter the PIN code (if you have set to PIN check On), and press OK soft key. Then your phone connects to the GSM network automatically, and you'll see the following display:



Note: If the phone is out of service, 'No Service' appears. In this case, you cannot make or receive any calls. Wait for a better signal or move into an open area to regain the service.

3. To switch the phone off, hold the  key for more than two seconds.

WARNING!

Do not switch on the phone when the mobile phone use is prohibited or when it may cause interference or danger.

Note: The unnecessary touch of the antenna when the phone is switched on may affect the call quality and cause the phone to operate at a higher power level than otherwise needed.

Your Phone's Mode

Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press the **↵** key. When your phone is in Standby mode, you will typically see the current date and time.

Press the **↵** key at any time to return to Standby mode. Be careful if you are on a call when you press the **↵** key, you will return to Standby mode, but it also disconnects the call.

Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, press Left soft key to enter the Call Menu; press Right soft key to enter the Phonebook menu.

CALL FUNCTIONS

Making Calls

Before you can make or receive a call, you must turn on the phone and be within the range of a network.

1. In Standby mode, enter the area code and phone number. (If you make a mistake while dialing, use the Left or Right direction key to move the cursor to the right of the digit, press the right soft key to erase; and hold it to erase the entire number.)

Note: While entering the number, hold the # key to insert a pause (for example: between the switchboard and the extension). The number after the pause will be sent a few seconds after dialing the first number.

2. Press the Call key to dial the number.
3. When you finish talking, press the Power on/off key or simply close the phone to end the call.

Making International Calls

1. Hold the 0 key until a '+' character appears on the display.
2. Enter the country code, area code, and phone number, then press the Call key to begin dialling.

Last Number Redialing

To redial the last number you dialed, press the  key to view the outgoing call list, then choose the desired one by using the Up and down direction key and then press the  key to dial it. Your phone can store up to 10 last numbers you dialed.

Making a Call from the Phonebook

Press the right soft key to enter the phonebook, search the desired number from it, and press  the key to dial it.

Receiving Calls

When somebody calls you, the phone rings or vibrates (if you have set for that), the screen displays an incoming call message. If you have subscribed to the Line Identification Service (contact your service provider) and the caller's phone number displays; if you have saved the number in your phone book, the name displays.

Two modes are provided for receiving a call: Call Key & Auto Answer. Refer to Settings/ Call/ Answer mode for the details.

Note: You can answer a call while using the phonebook or menu features, while the current operation will be halted. If you use the hands-free kit, hold the OK key on it for about three seconds to answer it.

Rejecting a Call

Press the Power On/Off key or the Right soft key to reject it when the phone is opened.

End a Call

Press the Power On/Off key to end the call.

Adjusting the Volume

During a call, use the volume key on the side of the phone to adjust the volume of the voice. Press the Up key to increase the volume, the Down key to decrease it. In Standby mode, you can adjust the key tone volume by using the volume key.

Missed Calls

When an incoming call is not answered for any reason, the Missed call log displays on your screen.

1. To view the missed call immediately, press the List soft key, the number or the name (if available) displays, scroll through the desired one, press the  key to dial it.
2. Press the Option soft key, you'll enter the Missed Calls menu, the following options are available:

Call: Dial the number.

Detail: View the details of the missed call (the caller's name, number & calling time of the call).

Save to Phone Book / SIM: Allows you to add the number of the missed call to the phonebook or SIM card.

Write SMS: Send a short message to the number.

Delete: Delete the number from the missed calls list.

Delete All: Delete all numbers from the missed calls list.

Note: Press the  key at any time to exit the Missed Call menu, or view the missed calls at any time by entering the Call Lists.

Quick Switch to Silent Mode

You can quickly switch your phone to the silent mode by holding the * key. In mute mode, the phone vibrates instead of ringing when there is a call coming. To switch back to the Typical mode, hold the * key for about three seconds again.

Call Menu

Some of the features you can use during the call depend on the support of your network service.

During the call, press the Option soft key to enter Call Menu. The options may change in different conversation circumstances.

The followings are the possible options:

Record: Record the conversation during a call. It can be recorded up to 30 seconds.

Note: *Recording conversation in some countries is illegal, so please first get the consent from the other party before you begin the recording.*

Mute: You can switch the microphone off so that the caller can't hear you.

Hold (current call): You can hold the current call.

End the Active: Select it to end the current call.

Message: Send message to the number.

ENTERING TEXT

When storing a name in the phonebook, creating your personal greetings or scheduling events in your calendar or writing any other message, you will need to enter text.

You are provided with the following eZi text input modes:

- Symbol
- Template
- English/ ENGLISH/ english
- Chinese / CHINESE/ chinese
- Abc/ ABC/ abc
- 123 (Numeric input mode)

Note: The current input mode is indicated on the top left of the display. The number on the top right indicates the number you can enter for your text info.

Changing Text Input Mode

When in a text entry screen, you will see the text input mode indicator on the top left of the display. Press **OK** key to enter the text input mode menu, and press Up or down direction key to find the desired one. Or you can simply change the input mode by pressing the Call key in text entering interface.

Note: The text input mode may vary in different markets.

Insert Symbol

Symbols mode enables you to enter symbols into a text message.

To enter a symbol, you should:

1. When entering text, press the OK key to enter the 'eZi Menu'.
2. Enter the 'Insert Symbol' and you will see a symbol chart. Press the Up or down direction key to select the column which includes the symbol you want to use.
3. Press the corresponding numeric key on the bottom of the chart to insert the desired symbol mark.

Insert Template

There are 10 templates stored in the phone that allows you to insert directly when editing the message.

Insert Phone No.

In text entering mode, press the OK soft key to enter 'Menu/ Insert Phone No.'. Press the Up or down direction key to choose the number, then press the OK soft key. The number will be inserted to the message.

Dictionary

While entering a SMS message, you can use your own dictionary which allows you to add a new word and then the word has a high

priority in English mode.

New

1. In the text entry mode, press OK key to enter the eZi 'Menu'.
2. Scroll to 'Dictionary' and press OK soft key to enter.
3. Select "New" and input the word you want to add.
4. Press 'Options' and select 'Save', then the word is saved in your dictionary.

Now, the word saved in your dictionary becomes the one with first priority for the associated key press. You can check the added words in the 'List' of 'Dictionary'.

List

1. Enter the Dictionary in the eZi Menu, press OK soft key.
2. Scroll to the List, and press OK soft key.
3. All the words list out, and then choose the desired one by pressing Left soft key.
4. Press Options soft key to choose to Save or Delete it.

eZi Chinese

Please refer to the Chinese user's manual.

Chinese Stroke Input

Please refer to the Chinese user's manual.

eZi English Mode

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter – when you press once, every letter on it may be displayed. The English mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the ABC mode.

For example: to enter 'hello', press the following keystrokes: 4, 3, 5, 5, 6.

If the word that appears in the display is not the word you desire, press the Left or Right direction key to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both shares keystrokes 6, 3 in the same sequence) The phone displays the most commonly used choice first. Press Up or Down direction key to switch between the Upper and Lower case.

ABC Mode

This mode allows you to enter letters by pressing the key labeled with the required letter, once for the first letter, twice for the second letter, and so on.

For example, press the key "2" three times in succession to display the letter "C", press the key "5" two times quickly to display the letter "K".

Note: When you require the same letter twice or more in succession (or a different letter on the same key), just wait for a few seconds for the cursor to automatically move right, and then select the next letter.

List of characters available:

Key	Characters in the Order Displayed
	- ' , - ? @ 1 _
	A B C 2
	D E F 3
	G H I 4
	J K L 5
	M N O 6
	P Q R S 7
	T U V 8
	W X Y Z 9
	Space 0

(Caps Lock mode)

123 (Numeric) Mode

123 Mode enables you to enter numbers into a text. You can enter your desired digits by simply pressing the key on which the digit is.

PHONEBOOK

You can store your phone numbers and their corresponding names in your SIM card or in your phone memory. You can store up to 500 numbers in phone memory; the number of the entries which SIM card can store, depends on the type of the SIM card.

Smart Dial

This Option allows you to find an entry quickly in your PB.

1. When Smart Dial is highlighted, press Left soft key to enter.
2. Input the corresponding first letter of the desired name.
3. Scroll to your desired entry and press OK left soft key.
4. Press the Send key to dial it directly or press Select soft key to enter "Select Operation", the following options are available:

Edit: Edit the details of the selected entry (name, number).

Duplicate: Allows you to copy the selected entry from the Local to the SIM memory and vice versa.

Delete: Press the Left key and phone will display 'Delete? OK or Back'. Select "OK" to delete this entry. Select "Back" to cancel this operation.

Call: Press OK left soft key to dial this number.

Write SMS: Send short message to the number.

Send Number: Send the phone number through SMS to a desired number.

Search

1. Search Name

Enter the name you want to search, then press Left soft key. The entry will display. Choose the entry, and press Select soft key, you'll have the same operations as the Smart Dial.

2. Search Position

Enter the position number, then press Left soft key to display the desired entry. (The entries stored in the local are numbered from 1 to 300, and the entries stored in the SIM are numbered from 301.)

New

It allows you to add new entries to your Phonebook. Press Left soft key to enter New, and choose Save to Local or SIM.

Save to Local:

- (1) Press Edit soft key to enter name. When finish, press Ok Left soft key.
- (2) Enter three phone numbers by sequence (When finish inputting the Mobile number, press Left soft key, and then press Down direction key to enter the Family and Office Number).
- (3) Enter Private E-mail address & Memo.
- (4) When finish editing, press Power On/Off or Back soft key, the phone displays 'Save it?', press Ok left soft key to save, Back key to

cancel.

Note: You must at least enter a name & one number item. You can also set a specified Alert Ring tone for the entry.

Save to SIM:

- (1) Input name, press Left soft key.
- (2) Key in the numbers and press OK left soft key to confirm.
- (3) When finish, press Power On/Off key or Back left soft key, the phone displays “Save it ?”, press Ok soft key to confirm, Back key to cancel.

Number Group

The phone allows you to group the numbers stored in the Local. (The numbers stored in the SIM card cannot be grouped.) It allows you to set 6 groups, Family, Sweetie, Friend, Colleague, VIP & User-Defined. When the number in the group dialed, the phone rings and lights in the way you've set. Enter the desired group, you'll have the following options:

Group List: List all the members stored in the group.

From Phonebook: When the Member List is empty, enter From Phonebook to add the entries stored in Local to the group.

Ring Tone Alert: Set the specified ring tone for the group.

Group Picture: Set a specified picture from the Multimedia resource.

Change Name: Rename the group.

Calls

1. Missed

Allows you to view the missed call info, 20 pieces are available.

2. Incoming

Allows you to view the incoming call info, 20 pieces are available.

3. Outgoing

Allows you to view the outgoing call info, 20 pieces are available.

4. Last Time

Allows you to view the duration of your last call, the max time that can be displayed is 1 hour.

5. Total Time

Allows you to view the duration of your total calls, the max time that can be displayed is 99 hours.

6. Charger Info

The function allows you to set the Unit price & Max charge for your call (The function needs the support of your network.):

Total Charge: The function allows you to view the total charge for your calls. Press OK soft key to reset it back to Zero, while you need to input the PIN2 code first.

Max Charge: Set a desired max charge that can be used for making calls. When your call charge exceeds this limit, no more calls (except free calls) can be made unless you reset it. PIN2 code is required when making modification.

Unit Price: It allows you to view or modify the unit price for your call. PIN2 code is also needed.

Speed Dial

Enter the number or search an entry from the phonebook you desire for speed dial, then press the left soft key to save the option. It allows you to set up to 9 numbers for speed dial. For example, set the number of Steven as the first one in the Speed Dial list, in standby mode, hold the corresponding 1 numeric key, the number can be dialed quickly and directly. The first number in the speed dial list is defaulted as the number of the Voice Mail.

PhBook Manager

Duplicate (Take “Local to SIM” for example)

- (1) **Duplicate One by One:** Press ▲ or ▼ to view the phone number one by one and press Left soft key to copy the desired one.
- (2) **Duplicate Range:** Input the beginning number and the last number,

then press Left soft key to copy these entries you want to SIM card.

(3) **Duplicate All:** Copy all the numbers stored in phone to SIM card.

Note: If the entry has already existed in target PB, the entry will not be copied. If the space of target PB is not enough for the copy, only the foregoing phone numbers will be copied until the target PB is full.

If the name length of target PB is less than that of the original PB, the exceeded part will be lost.

Delete

Choose Delete from Local or SIM, then choose Delete One By One, Delete All or Delete a specified range.

Incoming Filter

With this operation, you can put phone numbers into 'Reject List' so that they will never get through your phone; and put numbers into 'Accept List' in some special circumstances, only the numbers in the 'Accept List' can get through.

Reject List: It allows you to enter 10 rejected numbers. The option allows you to view all the numbers put in the list.

Reject Number: Press numeric keys to enter the numbers you want to reject, or search the number from the phonebook.

Accept List: The same as the Reject List.

Accept Number: The same as the Reject Number.

Note: Only when your SIM card is subscribed to the Line Identification Service can you use the function.

Fixed Numbers

If the network service provider and your SIM card supports the function, you can limit the outgoing telephone number. If this function is set On, your mobile phone can only dial the number in the fixed number list. If you dial the other number (except the urgent number), the phone displays 'Forbidden Number'. You need to input the PIN2 code to set the function for the first time.

Own Number

Store the SIM card number of local phone for reference.

Memory Status

Check the memory status of the SIM & Local.

Country/Area Code

The function allows you to view the country and area code. Press the Up or Down direction key to view the country/ area codes, press the left soft key to search by name or by code.

Search	
[1]	Search Name
[2]	Search Code
Ok	Back

ENTERTAINMENT

A320a provides you with 3 amusing games.

Push Box

You are successful if you can push all boxes to the desired destinations.

You can push boxer by using the direction keys and restart game by pressing the Call key, and you can select the level by pressing the * & # key.

Start: Start a game.

Beep: Allow you to select voice on/off of the game.

Help: Describes operation and rules in the game.

Gobang

Start: Start the new game.

Load Game: Continue the game you last played.

Select Level: 3 levels are provided, Primary, Middle & Serior.

Help: Tells you how to play the game.

Tetris

Start: Start a new game.

Settings: Set the level for your game. 4 options are available.

Beep: Switch on/off the sound when playing the game.

Scores: Keep the record of the first 5 players.

Help: Illustrates the rules of the game.

MESSAGES

SMS

The SMS (Short Message Service) function is network service and may not be supported by your network. You must obtain the number of the SMS center from your service provider. Mostly it is automatically available from your SIM card.

Your phone can store up to 250 incoming and outgoing messages. SIM card memory depends on the type of the SIM card.

Two message boxes are available: Personal SMS and Broadcasting SMS.

Personal SMS: It is the message for mobile users to transmit personal information.

Broadcasting SMS: If you select this option, you will receive public information from Network Operators such as Weather Broadcasting and so on.

SMS Indicator: When you receive a new message, an icon  appears on the screen. If the message memory is full,  continues flashing and you cannot receive any new messages. Then use the 'Delete' menu to delete obsolete messages.

1. Inbox

Inbox stores the messages you have received. The messages with the * symbol before are the messages that you haven't read.

1. Use the direction key to scroll to the desired message.
2. Press OK left soft key to enter the message, then press Options soft key to have the following operations:

Reply: Reply to the sender. You can write a piece of new message and then choose 'Send', 'Save & Send', 'Save' or 'Multiple Send'.

Forward: Allows you to send the message to others. You can edit the message and then choose 'Send', 'Save & Send', 'Save' or 'Multiple Send'.

Extract Number: Allows you to extract the sender's number or extract 2 – 21 numbers contained in the message. You can save or call the extracted number, or send short message to the number.

Save to Local / SIM: You can store the message to Local or SIM.

Delete: Delete the selected message.

2. Write SMS

The text message can be made up to 70 Chinese characters or 160 letters. Write down your own words or press the OK soft key to enter the eZi Menu, then select 'Insert Template' to add a daily used template to your text message. In editing mode, press Call key to change the text input mode directly, or press OK key to enter the text input menu. When finish editing, press Left soft key, the following

options are available:

Send: Write down your own message. When finish, press the Ok left soft key to enter the number you want to send or search the number from the Phonebook.

Save & Send: Allows you to save and send the message. Even if the sending fails, the message can be stored in the Outbox.

Save: Allows you to save the message in the Outbox so that it can be sent later. The message marked with * is the unsent message.

Multiple Send: Allows you to send the message to up to 5 receivers.

3. Outbox

Outbox stores the messages that you have already sent or unsent.

1. Use the direction key to view the messages.
2. Enter the message, and press Options left soft key:

Edit: Allows you to edit the message and then choose 'Send', 'Save & Send', 'Save' or 'Multiple Send'.

Extract Number: You can extract phone number or the number contained in the message. Then you can dial or save the number to your phone or SIM card, or send message to the number.

Save to SIM / Phone: You can store this message to your SIM card or phone.

Delete: Delete this message.

4. Status Report

In the menu of Messages Settings, set this function 'On' to require the

SMS center to inform whether your message has been sent or not.

5. Delete

The function allows you to delete the message from the Inbox, Outbox or Status Report.

MMS

MMS is a current technology of message development with highest standard. Its feature contains: supporting multimedia function, supporting sending several kinds of message (letters, pictures, voice and other multimedia message). It makes multimedia sending as phone-to-phone and phone terminal-to-network possible. MMS also needs the support of your SIM card and service provider. Contact with your network service for more details.

For the successful use of the MMS, please first make sure the setting for the WAP and MMS parameter is correct.

Audio files in MIDI & AMR format are supported; Image files in BMP, JPEG, PNG & WBMP format are supported. The size for the MMS can not excel 100KB.

Refer to the following chart for the MMS icons.

Icon	Description
	New MMS
	Messages that fail to be received.
	Messages that fail to be sent
	New message to be read
	Message that has been read
	Forwarded Message
	Replied Message
	File with Image
	MIDI audio file
	AMR audio file

1. Inbox

When a new MMS is received, the phone rings or vibrates (if you have set for that), a new MMS icon  displays. The message will be stored in the Inbox automatically.

- ① Press Up or Down direction key to choose the desired message.
- ② Press OK soft key to view details of message.
- ③ Press Options left soft key and you can have the following options:

View/Receive: Press OK soft key to view the selected MMS or receive the new MMS.

Reply: Reply to the sender.

Delete: Delete this message.

Detail Info: View the Subject, the sender, the time and the MMS size

of the MMS.

2. New

Enter the New, press Left soft key, the following interface displays:



Add Text: Enter the text. Press left soft key to enter, the cursor glints in the editing frame, enter the text directly. Press the Call key to enter the eZi input mode.

Add Image: Press Left soft key to select the image from Download Resource, User Custom 1 or User Custom 2.

Add Sound: Press Left soft key to select the stored music or voice memo from Voice Memo, Download Resource, User Custom 1 or User Custom 2.

Add Slide: Press left soft key to add one slide. You can add up to 20 slides.

When you finish editing, press Menu soft key to choose the following options:

Send: Select 'Send' to enter the Number editing interface. Press the Left soft key to select the number or E-mail address from your Phonebook, or input a new number or E-mail address. Only when the cursor is in the editing frame can you make the editing. The phone allows you to send the message to multi receivers; use the blank mark to separate the receivers. Press Right soft key to erase the input.

Preview: Preview the edited MMS.

Save: Save the MMS as Draft or Template.

Slide Duration: Allows you to set the duration for the slide.

Slide Format: Allows you to set the format for the slide.

Add Slide: Allows you to add the Slide.

Remove Slide: Remove the slide from the message.

Add Image: Add the image file to the current message.

Delete Image: Delete the image file from the current message.

Add Sound: Add the sound file to the current message.

Delete Sound: Delete the added sound from the message.

Create from the Template:

Enter the New and choose from Template, and use the Up or Down direction key to choose the desired template, then press Options soft key:

--**Edit:** Edit the message based on the template.

--**Delete:** Delete the template.

--**Detail:** Allows you to view the title and size of the template.

When finish editing, you can have the same options as the New mentioned above.

3. Outbox

Outbox stores the messages that fail to be sent.

- ①. Press Up or Down direction key to choose the desired message.
- ②. Press Left soft key and you can operate as follows:
 - Edit:** Edit the MMS.
 - Delete:** Delete the MMS.

4. Drafts

The Drafts stores the edited messages.

- ①. Press Up or Down direction key to choose the desired message.
- ②. Press Left soft key and the following options are available:
 - Edit:** Edit the multimedia message.
 - Delete:** Delete the MMS.

5. Sent

The Sent box stores the messages that have been sent successfully.

- ①. Press Up or Down direction key to choose the desired message.
- ②. Press Left soft key and you can operate as follows:
 - View:** Allows you to view the multimedia message.
 - Delete:** Delete the MMS.
 - Detail Info:** View the details of the multimedia message.

6. Templates

You can save the multimedia messages edited by yourself as the Templates.

- ①. Press Up or Down direction key to choose the desired message.
- ②. Press '**Options**' Left soft key and the following options are available:

Edit: Edit the MMS.

Delete: Delete the MMS.

Detail Info: View the details of the multimedia message.

Voice Mail

This menu provides you a quick way to access your voice mail. In standby mode, hold the 1 numeric key to dial the number directly. In the Voice Mail menu facility, the following options are available:

Call: Press the 'OK' soft key to call the number and listen to your messages. If there is no mailbox number, enter the number first.

Number: Allows you to input or modify the number of the voice mail.

Cell Broadcast

You can receive broadcast messages with various contents via this network service, such as weather or traffic. Enter the Cell Broadcast, you'll have the following options:

Read: You can view the up-to-date broadcast message you've received.

Auto Display: If you set this function 'On', messages will be displayed immediately when they are received; select 'Off' to cancel it.

Channel List: Set the channel list for receiving broadcast message:

--All: Allows you to receive all the broadcast messages.

--None: No broadcast messages will be received.

--List: Only the message sent from the list can be received. You are allowed to add or delete the channel to the list.

Memory

This menu allows you to view how many messages are currently stored in your SIM card and Phone. The phone can store up to 250 short messages; the number of message that SIM card can store depends on the type of the card.

Settings

1. SMS

Use the function to set the special features for the SMS. You can have the following options:

Auto Display: If set the function to be 'On', the new incoming message displays automatically on the screen. Press Left soft key to read it directly, Right soft key to read it

later from the Inbox. You can select 'Off' to cancel this function.

SMS Center: Allows you to store or change the number of your SMS center while sending messages. You can obtain this number from your service provider.

Status Report: You can select 'On' to require the SMS center to inform whether your message has been sent or not.

SMS Filter: By setting this function, you're able to avoid messages from the numbers you specify.

Templates: There are 10 message templates stored to be edited. It allows you to send the message conveniently and quickly whenever you want.

2. MMS

Connection: Enter the 'Connection', you can set the server for you MMS. You can choose from the following options:

--SingTel GPRS

--New: It allows you to not only add new servers to the Connection list, but also reset the parameter of the selected server.

--List: Add new servers from the list.

To a specified sever, you are allowed to:

--Activate: Enable the server.

--Modify: Modify the settings of the server.

--Delete: Delete the server.

Reception: It allows you to set the receiving mode for your MMS. 2 modes are available: Auto or Manual.

Ad Allowed: You can choose whether or not to receive the adverts.

Save Sent: Set whether or not to store the messages which have been sent.

PERSONALITY

Music Select

Enter the Music Select. The phone allows you to set the ring tone for the incoming call, message, alarm clock, and so on. You can choose the ring tones from the Immobile Data, More Downloading or Multimedia.

Alert Type

It allows you to set the alert type for a new incoming call & message. There are four types provided for you: Tone, Vibrator, Tone & Vibrator and No Notification. Scroll to the option you want, press OK left soft key to confirm.

Ring Volume

Adjust the volume for the ring and the key. Use the volume key on the side of the phone to increase and decrease the volume, or use the direction keys to adjust it.

Standby Interface

By using this menu, you can set your standby interface.

Picture: Set the picture as the standby interface, 5 pieces are available.

Animations: Set the animation as the standby interface.

Standby Text: Enter your own words as the standby text.

Calendar: Set the calendar as the standby interface.

More Downloadings: Download image or text as the standby interface through the Internet.

Multimedia: Select image from the multimedia as the standby interface.

Menu Style

The function allows you to set the menu style for your phone. 3 options are available.

Power On/Off Display

The phone provides you 2 modes for your Power On/ Off Display.

You can set the Animations or edit your own text for it.

MULTIMEDIA

The Multimedia is a menu that helps to manage the mobile phone resources, such as “Recorder”, “Downloaded Resource”, “User Custom1” and “User Custom2”.

Recorder

When the cursor is right to the Voice Memo options, press Options left soft key, you'll have the following 3 options:

1. Enter

Choose ‘Enter’, and use the Up & Down direction key to choose the desired memo, then press ‘Options’ left soft key, you'll have the following operations are available.

--**Play:** Play the voice memo.

--**Copy:** Copy the voice memo to “User Custom1” or “User Custom2”.

--**Move:** Move the voice memory to “User Custom1” or “User Custom2”.

--**Rename:** Rename the voice memo.

--**Property:** View the title, size and recording time.

--**Delete:** Delete the voice memo.

--**Send as MMS:** Edit the voice as MMS. See the menu of “Message-MMS”.

2. Property

View the total files and file size of your voice memo.

3. Delete

Delete all the voice memos.

Camera

When the cursor is right to the Camera option, press Options left soft key, you'll have the following 3 options:

1. Enter

Choose "Enter", then the images stored will be displayed. Use the Up & Down direction to choose the desired image, and then press Options left soft key to enter the following options:

Preview: Allows you to view the image.

Copy: Copy the image to User Custom 1 or User Custom 2.

Move: Move the image to User Custom 1 or User Custom 2.

Rename: Rename the image.

Property: View the title, size and taking date of the image.

Delete: Delete all the images stored.

Send as MMS: Send the image through MMS function to the desired receiver.

Set as Standby Picture: Set the image as the standby interface.

2. Property

View the total files and file size of your camera.

3. Delete

Delete all the images.

Phonebook

When the cursor is right to the Phonebook option, press Left soft key to enter. Then refer to the options of Camera for the operations.

Download Resource

The function allows you to save the images and audio resource downloaded through the Internet.

1. Image

The images downloaded are allowed to be set as the standby interface. Press Left soft key, you can have Enter, Property and Delete options. Choose the desired option, and press Left soft key to enter. You can have the similar options as the Camera & Voice Memo.

2. Audio

The function allows you to save the audio file downloaded through the Internet, the audio downloaded can be set as the different message tone. Press 'Options' left soft key and then "Enter" key to view the list of ring tones you've downloaded. Other operations are the same as in

“Voice Memo”.

User Custom 1

You can store voice memos, pictures, phonebook, photos and ring tones in User Custom 1.

1. Enter

Press OK and then “Enter” key to view “User Custom1”. Operations are the same as the “Voice Memo”.

2. Property

View the total files and file size of your voice memo.

3. Delete

Delete all the files.

4. Rename

Rename User Custom 1. For example, you can rename ‘User Custom 1’ as ‘Ring tone’.

User Custom 2

The operations are the same as the User Custom 1.

View

Allows you to view the total files and memory status of the Multimedia.

CAMERA

Amoi A320a is installed with a built-in 300k pixels CMOS camera, and it allows you to capture the wonderful moment in your life directly. The images taken can also be sent to others through MMS.

Note:

- *Do not take photos of people without their permission.*
- *Do not take photos in a place where photo taking are prohibited.*
- *Do not take photos in a place where you may interfere with another person's privacy.*

Take Photo

Enter 'Take Photo', press OK soft key take photos. When taking photos, press the ◀ or ▶ key, you'll have the following options, press ▲ or ▼ to choose the desired options under each item:

 **Shooting Mode:** 2 photo effects are available to be selected.  is the auto shooting mode, and  is the night shooting mode.



Rotate: Rotate the camera in 3 angles.



Camera Mode: 2 modes are available for camera: NOR & VGA.

 **Photo Quality:** 4 options are available.

 **Brightness:** Adjust the brightness of the image. There are all together 6 levels to be chosen.

 **Color Saturation:** Adjust the color saturation. 6 choices are provided.

 **Frame:** Allows you to add a frame to your photo.

 **Focus:** When in NOR mode, you are allowed to focus in 6 levels. (While in VGA mode, you cannot use the function.) Use the Up & Down direction key to zoom.

 **Delay:** Choose to shoot the photo directly or 10 seconds later.

Take the photo, then you'll have the following options:

Save: Press 'Save' left soft key to save the photos.

Back: Press 'Back' right soft key to cancel.

Video Recording

Enter the Video Recording.

Press Left soft key to begin recording.

1. Take: Choose the object, press OK soft key to begin recording.

Before recording, press Left & Right direction key to choose the option, and Up & Down direction key to choose the desired option under each item. The operations are the same as photo taking. Press OK soft key to stop recording, or the phone will auto stop recording when the max recording time allowed is reached.

Browse Photos

Press left soft key to enter the album, all the images you've saved list out in miniature. Press Options left soft key or OK soft key to view it in full screen.

Play Video

Press OK or Left soft key to enter the function. Choose the desired video, press Left soft key, you'll have:

Play Video: Choose a desired video, press Left soft key to enter.

: Play in sequence (play from the beginning)

: Play the video from the back.

: Pause.

: Stop Playing.

Delete: Delete the current video.

Delete All: Delete all the videos

TOOLBOX

Alarm

There are three alarm clocks provided for you. For every alarm, you can make the following operations:

1. **On / Off:** Press the Select soft key repeatedly to switch between On & Off. An '✓' indication displays when you set the alarm activated.
2. **Time:** Set the time when you want the alarm to ring.
3. **Mode:** Set the mode for your alarm.
 - ① Everyday: The alarm bell rings at the set time every day.
 - ② Workday: The alarm bell rings at the set time from Monday to Friday.
 - ③ Personal: You can choose one or several days of one week for the alarm bell to ring at the set time.

You can also cancel all the alarms.

Note: When the alarm rings at the set time, press any key to stop it; if not, it continues to ring for one minute.

Record

With your phone, you can record up to 5 voice memos (including recording conversation during a call). And each memo can be recorded up to 30 seconds in length.

Notes: Recording voice conversations during a call is illegal in some countries. Make sure the other part on the line has stated his consent to being recorded.

Record

1. Press the OK soft key to begin recording.
2. Record the voice memo by speaking into the microphone.

Note: When recoding, press Pause soft key to have a pause then Record key to continue; A timer displays to show the elapsed time. When the time expires, the phone will automatically save the memo already recorded by that time.

3. When recording is completed, press **Exit** right soft key; the record will be kept at once with the date and time together.

When recording, you can also use the navigation hot keys to control the recording.

Calendar

When you enter the menu, a calendar displays with the current date highlighted.

Scroll the calendar:

1. You can move the underscore to Year, Month and Day fields by

pressing Left & Right direction key.

2. When the desired field is highlighted, press the Up and down direction key to move up or down the Date.

You can also enter the desired date by using the numeric key.

When the time is highlighted, press OK left soft key to get the following options:

1. Settings

Set a new log for Memo, Call & Anniversary. Enter one type:

--**Memo**: Make a note of general schedule, i.e. appointments or meetings. It allows you to set the title and reminder date for your memo.

--**Call**: Schedule a call. Enter the scheduled call number or search one from the phonebook. The phone will remind you automatically at the scheduled time. You can set the phone to remind you on time, 1 hour before, 1 day before, 2 or 3 days before the scheduled time.

--**Anniversary**: Select to make notes for anniversaries. Set the scheduled time and the time for the phone to remind you.

2. View

Press the View soft key to view the schedules you've set, press Up & Down direction key to scroll through these notes.

3. Delete

Delete the note.

- Delete One by One
- Delete All
- Expired

Unit Conversion

This menu allows you to convert the original unit to the desired one.
To use the Unit Conversion, do as follows:

1. Press Up & Down direction key to scroll to the desired category:
Length, Area, Volume and Weight.
2. Press OK or Left soft key to enter one of the categories you desire and you can see two columns. The upper unit column is comprised of the current units, while the lower unit column is comprised of the units which you want to convert to.
3. Put the cursor to the upper column, press Left or Right direction key to move to the current unit. Move the cursor to the lower column by pressing Down direction key and press Left or Right direction key to choose one of the units that you want the current value to be converted to.
4. Enter the current numerical value below the upper column and the converted value will be automatically displayed below the lower unit column.

5. To reset the Unit Conversion and do new conversion, press 'Reset' or Left soft key.

World Time

The display shows:

- City name
- Current date and time according to the time format setting (12/24 Hours)

To...	Then...
Select the time zone	Press Left or Right direction key
Select the city in the time zone	Press Up or Down direction key
Make some settings (Set as local, Enable DS, Disable DS)	Press OK left soft key and scroll to desired one

Calculator

By this function, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

Performing the Calculation

1. Use the numeric key to enter the first desired number.
2. Press Up direction key for multiplication sign '+', Down

direction key for division sign ' \div ', Left direction key for plus sign '+', and Right direction key for subtraction sign ' \ominus ';

3. Enter the second number.
4. To calculate the result, press Equal soft key to get the result.
5. Repeat steps 1 to 4 as many times as needed.

*Notes: Press the # key to enter a decimal point and the * key to change the sign of a number to a negative (-).*

- Expired

DATA SERVICE

WAP is a platform for combining wireless communication with Internet. WAP allows you to access the Internet and also provides you with some E-commerce applications by phone.

Note: To connect WAP net, your network must provide the service and you should perform the dredging operation described in detail in 'Settings / Browser'.

Browser

1. Homepage

By selecting this item, your mobile phone will connect to the homepage that you've preset directly.

2. Bookmarks

You can store the commonly used websites in your favorite and entitle them. Choose one to connect to it automatically.

3. Alert Message

The function allows you to view the WAP Push information you've sent to the Internet.

4. Go To URL

Enter a URL and press OK soft key to connect to the page. If your

mobile phone cannot connect to the URL, it will connect to the homepage automatically.

PC Sync

With this function, you can make a data transmission between your phone and your PC through the 'PC Sync Program'. By PC Sync, you can do the following options:

- View or edit the Phonebook information.
- View or edit the SMS.
- Upload or download images.
- Download ring tones, images or animations.

Operation Process:

Main Menu – Data Service – PC Sync, through such route you can enter the 'PC Sync' menu facility.

Note: During the transmission, please don't exit from the PC Sync, and ensure that the data link kit is well connected; when there is an incoming call, the transmission will be intermitted. When finish, press the Back soft key to exit from the PC Sync.

Settings

Browser

Press left soft key to enter the settings of browser, you'll have the following options:

1. Connection:

Scroll with Up or Down direction key to choose 'IDEAS (GPRS)', 'New' or 'From List'. You can perform the following operations:

- Activate
- Modify
- Delete

Note: To connect WAP net, you need the network support and you should apply for the service of surfing Internet. For setting details, please see 'Settings / Browser'.

Select 'New', you can add a new server as your operator:

New: Edit your name of the new server.

Bearer: Set the types of data service, choose from GPRS, CSD & Serial.

Homepage: You can set a homepage.

IP Address: Set IP address linking to homepage.

APN: Input AP name.

User ID: Set the user name for WAP.

Password: Set password for WAP.

Security: You can set it as 'On' or set it as 'Off'.

Save: Save the operation.

Tips: In standby mode, hold OK soft key to visit the default homepage directly.

2. Clear Cache

Clear the Cache.

3. Reset

Reset all of the settings.

SETTINGS

Many different features of your phone can be customized for your preferences.

Time

This function allows you to adjust the current time and date displayed in standby screen.

The following options are available:

Time: Allows you to adjust the current time.

Time Format: Choose between 24 hours mode and 12 hours mode.

Date: Allows you to modify the current date.

Date Format: Select the date format:

- D/M/Y
- M/D/Y
- Y/M/D

The cursor is right to the current option, press Left soft key to make modification. When finish, press Left soft key again to confirm your operation.

Mobile

1. Auto On / Off

Set the time when you want your phone to be powered on/ off. Enable the function, your phone will power on/ off automatically at the preset

time.

2. Backlight Level

Set the duration time of your backlight, 3 options are available: High, Middle, or Low Backlight.

3. Language

- ◇ Chinese: All the menus and information is displayed in Chinese.
- ◇ English: All the menus and information to be displayed in English.

*Note: Press the *,9,9,# in succession to switch the two language in standby mode.*

4. Contrast

Adjust the contrast of the Internal and External screen. Press Left or Right direction key to adjust, and Left soft key to confirm your operation.

5. Auto Key Lock

Set the function On, you key will auto lock if you press no key in 30 seconds.

6. Master Reset

You can reset settings back to factory set. You need to enter the PWD

number first. The original PWD number is 0000.

Call

Press the OK or left soft key to enter the Call setting, you'll have the following operations:

1. Call Volume

It allows you to adjust the volume of the call. Use the Left or Right direction key to adjust it; or you can use the side key to adjust the voice volume during the call.

2. Divert

This network service enables the incoming calls to be transferred to the number that you specify. For example: You may hope to transfer your business calls to a colleague when you are on holiday. 5 options are available:

Unreachable: Calls will be transferred to the appointed number when you are not in an area covered by your service network or when the phone is switched off.

No Reply: Calls will be transferred if you are not available to answer the call.

Busy: Calls will be transferred when your line is busy.

All: All incoming calls will be transferred.

Cancel All: All Call Transfer functions are cancelled.

3. Answer Mode

There are 3 modes provided for you to answer a call.

Call Key: You can answer the call only by pressing the Call key.

Any Key: You can press any key except the Power On/off or the right soft key to answer the incoming call.

Auto Answer: If you insert a Car Kit, the phone can answer the call automatically 3 seconds later. Before the Auto answer, you can also press the Call key to answer it.

4. Call Waiting

The phone supports the function of 'Call Waiting' and 'Call Holding' of GSM net. If you select this function, the network will inform you when there is a new incoming call during another call. You can answer the new call by holding the current call.

On: Set the function On, when there is a new incoming call, the network alerts you that there is a call incoming. You can hold the current call, and answer the new call.

Off: Select 'Off' to invalidate the Call Waiting function.

Note: For more details about the Send Number & Call Waiting, please contact with your local service provider.

**5. Send Number**

This function must be supported by the network.

Set by Net: When making a call, your phone number will be hidden or displayed according to your Net.

On: Your phone number will be displayed to receivers.

Off: Your phone number will be hidden and unknown to receivers.

Note: The function needs the support of the network service.

Network

When you use the phone, the phone will automatically select the Internet service. When the phone is out of the service area or in abroad, you can select the appropriate Internet manually.

1. Mode

Switch between these two modes: Auto & Manual.

2. Search

To select this item, the phone displays " Searching ...". After you get it, the GSM will auto display the found networks. If there are more than one available networks, you can use the Up or Down direction key to select. Networks marked with * are forbidden to use.

3. Sequence

This item allows you to list the networks you can use when your GSM is in roaming. If the listed network can be used, your phone will select the network from the prior list. Three operations are available.

Move: To press the Up or Down direction key to shift it to your desired place.

New: You can add new networks. Input the country code and the network code then press OK soft key.

Delete: You can cancel the chosen network.

4. Band

Press the Up or Down direction to view choose the desired band, press the OK soft key to confirm.

There are three bands are provided: GSM850/1900, and Automatic.

You can select one of them.

REFERENCE INFORMATION

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

Phone Password

The security code can be used to avoid unauthorized use of your phone. The security code 0000 is usually supplied with the phone. Change the security code before you start using your phone. Keep the new code secret and in a safe place, which is separate from the phone.

PIN Code

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code is enabled, the code is required each time the phone is switched on.

Note: If you key in an incorrect PIN code three times in succession, the SIM card will be locked. To unlock the SIM card, you'd key in the PUK code and press the OK soft key, and key in a new PIN code twice.

PIN2 code

The PIN2 code, supplied with some SIM cards, is required to access

some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you key in an incorrect PIN2 code three times in succession, the PIN2 will be locked. To unlock the PIN2, you'd key in the PUK2 code and press OK soft key (or OK key), and key in a new PIN2 code twice.

PUK code

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code.

If you key in an incorrect PUK code ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK code. If you lose the code, contact your service provider.

PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code.

If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card.

You cannot change the PUK2 code. If you lose the code, contact your service provider.

Using the Batteries

A rechargeable Li-ion standard battery powers your phone. The following batteries are also available (ask your local dealer for further details):

Type	Capacity	Talk Time	Standby Time
Li-ion	750mAh	2~4hrs	70~120hrs

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.

- Use only approved batteries; and recharge your battery only with approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first. Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.

- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Care & Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years. When using your phone, battery, charger, or any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake it. Rough handling can break internal circuit boards.

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and- water solution.

- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.

- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.

- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility.

- This phone features large inner & outer display screens, which are damageable. Please be most careful to avoid dropping or knocking it or scratch it with a sharp thing.

GLOSSARY

Antenna

A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

Alarm Clock

Your pager alarm can be set for a specific time and date or can be used as a daily alarm.

Smart Dial

An intelligent way to dial a number which is stored in your phonebook. Say you want to dial Steven, at idle, press st, then press *, you can find the number of Steven. Or press st when you select Smart Dial in phonebook.

Band

Range of radio frequencies between two defined limits which are used in wireless communications.

Call Barring

Enable it to restrict outgoing and incoming calls.

Call Divert

Allows you to set your phone to forward calls to an alternate phone number. (Network and subscription dependent feature -- not available in all areas).

Call Holding

You can put callers on hold. (Network and subscription dependent feature -- not available in all areas).

Call Waiting

While making a call, the phone will alert you that another person is trying to call you. You can choose to answer the call or it will forward to your voice mail. (Network and subscription dependent feature -- not available in all areas).

Conference Call

The feature allows you to establish a conference call which can involve up to five additional parties.

GSM (Global System for Mobile Communication)

GSM is the pan-European standard for digital cellular telephone service. It is also one of the technologies available in the Americas. GSM was designed for markets to provide the advantage of automatic, international roaming in multiple countries. The SIM (Subscriber Identification Module) card is a vital component in GSM operation. The user can store all relevant data for the phone on a removable plastic card. The card can be plugged into any GSM compatible phone and the phone is instantly personalized to the user.

GSM850

GSM850, called GSM, is the most widely used digital network and now operating in more than 100 countries around the world.

GSM1900

The digital GSM network used in Europe and Asia.

Hands-Free

A feature that permits a driver to use a wireless phone without lifting or holding the handset - an important safety feature for automobiles, tractors and most other motorized vehicles.

LED (Light Emitting Diode)

It is commonly used to refer to a small light on the wireless phone or on the desktop charger. The LED lights on the phone to indicate an incoming call. The lights on the charger indicate that battery charging is taking place.

Line Identification Service

The service allows the subscribers to view or block the telephone numbers of callers.

Mobile Phone

The term that can be inter-changed with cellular phone or wireless phone.

PIN (Personal Identification Number)

Security code that protects the phone against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, if required.

PUK (PIN Unlocking Key)

Security code used to unlock the phone when an incorrect PIN has

been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

A service offered by most cellular service providers that allows subscribers to use cellular service while traveling outside their home service area. When they are outside their home service area and come within range of another cellular system, the ROAM indicator on the cellular phone will light to show that they are in range.

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot in the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service that allows you to send and receive messages to and from another subscriber without speaking to the correspondent. The message created or received (up to 160 characters) can be displayed, received, edited or sent.

Soft Keys

There are 2 soft keys, and the purpose of which:

- Varies according to the function that you are currently using
- Is indicated on the bottom line of the display just above the corresponding key.

Standby Time

The time a battery can power a phone in the standby mode, ready to make or receive a call, without being used for an actual call. The longer a phone is in standby mode, the less standby time remains in the battery.

Talk Time

The total time a battery can power a phone for cellular calls. As the phone drains the battery during a call, the talk time left in the battery diminished until the phone is turned off or the battery is recharged.

Voice Mail

Computerized answering service that automatically answers your calls when you are not available, plays a greeting (Optionally in your own voice) or records a message.

TROUBLESHOOTING

If the phone does not work properly, please check the following troubleshooting and find a solution. If you can't solve the problems, please contact your local dealer for help.

Questions	Solutions
Cannot make or receive calls.	<ul style="list-style-type: none"> ● Check whether the phone is powered on or not. ● Check if the battery is lack of power. ● Check if the signal is strong enough. ● Check if you've set 'Call Barring', SDN or the other options in Call Set menu. ● Check if you've set the 'Call Divert'. ● Check if you've placed the SIM card properly.
Conversation volume is low.	<ul style="list-style-type: none"> ● Check if you've set the Voice Volume too low.
Does not ring when an incoming calls comes in.	<ul style="list-style-type: none"> ● Check if you've set 'Silent' or 'Vibrator' modes. ● Check if the ring volume is set too low. ● Check if the surrounding noise is too loud. ● Check if you've set the 'Call Divert'.
LCD is not clear.	<ul style="list-style-type: none"> ● Check if you've set the LCD contrast too low.
The keypad doesn't work.	<ul style="list-style-type: none"> ● Check if you've locked the keypad.
The one on the other part of the line cannot hear you.	<ul style="list-style-type: none"> ● Check if you've set 'Mute'. ● Check whether you speak near the MIC.

IMPORTANT SAR INFORMATION

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

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.919 W/Kg and

when worn on the body, as described in this user guide, is 1.540 W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

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

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

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

Body-worn Operation

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

Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

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

FCC Part 15 Notice

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

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

communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- . Relocate this device
- . Increase the separation between the device and the receiver
- . Connect the device into an outlet on a circuit different from that of other electronics. Consult the dealer or an experienced radio technician for help.

FCC Radiation Exposure Statement

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

Caution

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

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