Thank you very much for choosing AMOI CA8a, the fashionable and elegant camera phone. CA8a is a perfect integration of unparalleled contemporary design and consummate precise craftsmanship, bringing you easy communication, funny entertainment, as well as highlighting your tast es.

Key Features:

GSM Tri-band Unlocked

Compatible with Most Standard GSM Networks

GPRS Class 10, WAP 2.0

AMOI Smart Dial

SMS (Short Messaging Service)

MMS (Multi-media Messaging Service)

Phonebook Memory: 500 V-card Entries

Downloadable 40-polyphonic Ring Tones

Downloadable Standby Animations & Images

Built-in Amusing Games

Downloadable Karaoke and Music Box

Tool Kit (Note Book, Alarm Clock, Calculator, Unit Converter, World Time, Voice Memo)

Specifications:

GSM/ GPRS: 850/1800/1900 MHz

Voice Encoding: HR, FR, EFR, AMR

Screen: Internal: 65536 colors CSTN display (128 x 160 pixels)

　　　External: STN display (96 x 64 pixels)

Size: 86 x 44 x 19.9 mm; 3.39" x 1.73" x 0.78"

Weight: 76 g; 2.68 oz

Battery Capacity: 520 mAh

Standby Time: 60-80 hrs

Talk Time: 4-6 hrs

INTELLECTUAL PROPERTY

All Intellectual Property, as defined below, owned by or which is otherwise the property of AMOI or its respective suppliers relating to the AMOI mobile phones, including but not limited to, accessories, parts, or software relating thereto (the "Phone System"), is proprietary to AMOI and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You could not infringe on it, otherwise you may violate the rights secured by the Intellectual Property. Moreover, you must agree that you will not (and will not attempt to) modify, prepare derivative works, recompile, disassemble, or attempt to create source code from the software. No title or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with AMOI and its suppliers.

TABLE OF CONTENTS

4

5

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 may disturb the remote control of the explosion.
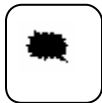
Switch off when refueling
Do not use the phone at a refueling point (service station) or near fuels or chemicals.

Interference

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

Switch off in hospital

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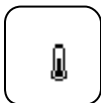
Accessories and batteries

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.

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:

Handset	Battery
Travel Charger	Hands-free Headset
User's Manual	Addendum to User's Manual
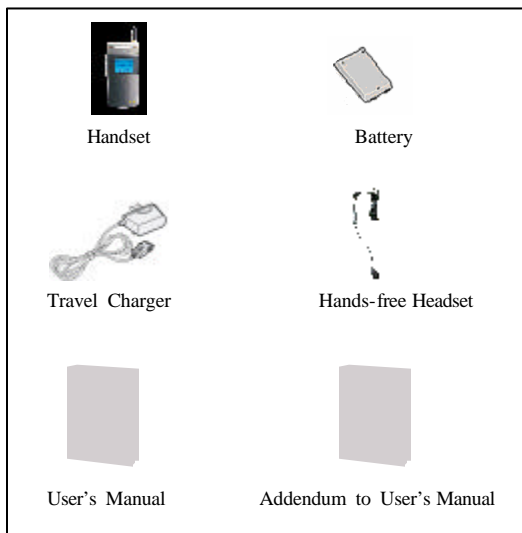
Note: Accessory availability may vary in different markets.

YOUR PHONE

Phone 's Layout

The following illustrations show the main elements of your phone.

Open View

Earpiece

Display

Left Soft Key

Internet Hotkey

Right Soft Key

Record Key

Navigation/Hot key

Volume Key

Power On/Off Key

Send Key

OK Soft Key

Alphanumeric Key

Special Function Key

Microphone

Closed View:

Earphone   Jack

Antenna

External Display

Speaker

Rear View:

Battery Lock

Battery
Terminals

SIM Slot
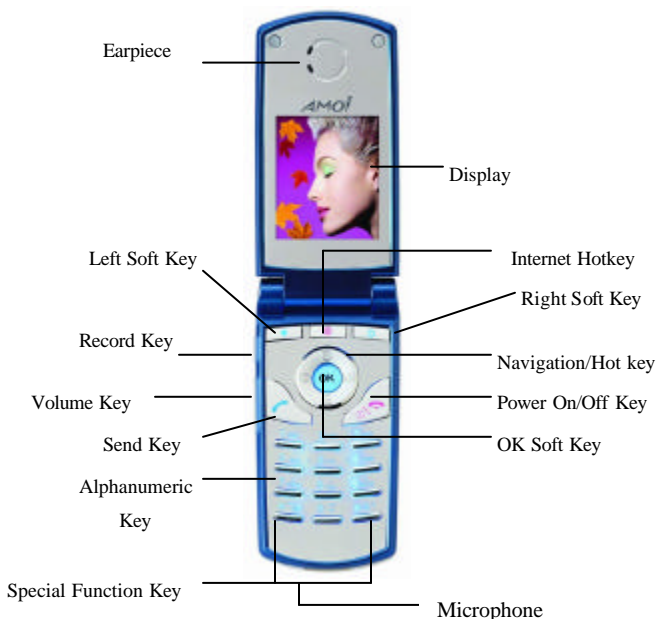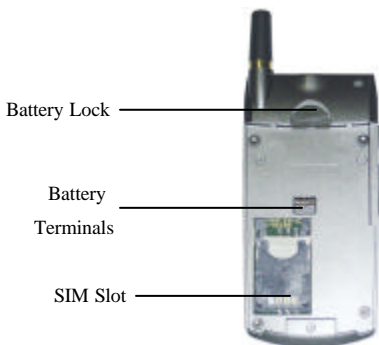
Keys Description

Key	Description
	Two soft keys perform the functions indicated by the text above them (in the bottom line of the display).
	Internet Hotkey: Hold this key to connect WAP services in the standby mode; Press to enter data service.
	Navigation Keys: Scroll through the menus; In the standby mode, press ▲ to enter Amusement, press ? to enter Phonebook, press ? to enter Call list, press ? to enter Messages.
	OK Key: In the menu facility, confirms your selection or entry; Enter eZI Sub Menu in editing mode; Hold to go to WPS in standby mode.
	Send Key: Makes or answers a call. In Standby mode, recalls the last number dialed.
	Power On/Off Key: Hold it to switch on/off the phone; End a call; In the menu facility, returns to the Standby mode and cancels your input.
	Special Function Key: Use these keys for various special functions.

🔲	**Volume Keys:** During a call, adjusts the voice volume; When the phone is closed, press it to display the current time.
🔲	**Record Key:** When the phone is closed, press and hold it to refuse a call; In standby mode, press it to enter Voice Memo Menu; In standby or call mode, press and hold it to record a voice memo.

Display

Display Layout

The display comprises three areas.

📶🔋 🔔📧	Icons
GSM Test Net 001 01	
[graphic image]	Text and graphic area
10/05 SUN 21:50	
Menu ◁⬍▷ PhBook	Soft keys indications
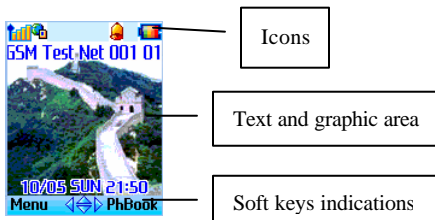
Area	Description
Icons	Displays various icons
Text and Graphic Area	Displays messages, instructions and any information that you enter.
Soft Keys Indications	Shows the functions currently assigned to the two soft keys.

14

Icons

Icons	Indications
	Signal Intensity: Shows the received signal intensity. The greater the number of bars, the better the signal intensity.
	Service: Appears when a call is in progress.
	Roaming: Appears when you are out of your home area and have registered with a different network.
	New Message: Appears when a new message has been received; flash indicates that your message box is full.
	Ring Mode: Indicates the phone rings when a call is coming.
	Vibrate Mode: Indicates the phone vibrate when a call is coming.
	Ring & Vibrator: Indicate that your phone will ring and vibrate when a call is coming.
	Log Setting: Appears when you set a log.
	Alarm: Appears when the alarm is active. (If both alarm and countdown are set, this icon won't appear until the countdown alarm rings.)
	Countdown: Appears when the countdown is set.
	Battery Status: Shows the level of your battery. The more black area you see, the more power you have left.

External Display

Your phone has an external display on the cover, it indicates that you have an incoming call or message, and notifies you at the specified time when you set an alarm or a log, without having to open the phone. It appears alternately with a screensaver every three seconds.

Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Backlight** Option set in the **Mobile Setting** menu.

GETTING STARTED

You must insert the SIM card and charge the battery before you can use the phone.

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 when 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. Switch the phone off.

2. Remove the battery. To do so:

   ? Press down the catch above the battery and hold it in this position.

   ? Slide the battery and lift it away, as shown.
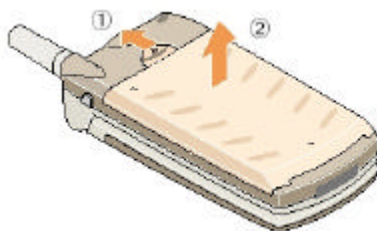
3. Slide the ivory lock in the SIM card holder as shown below to unlock the SIM card holder and lift it up.
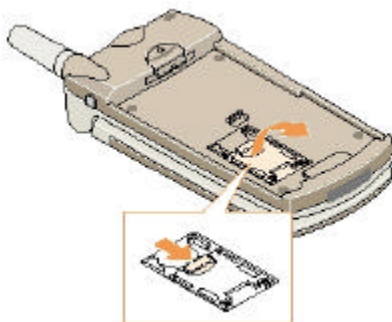
4. Insert the SIM card ensuring that the cut corner is at the top left and the gold contacts of the card face into the phone.
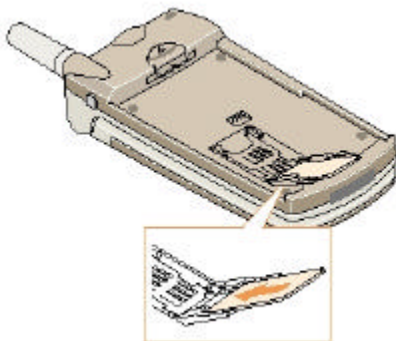
5. Lay down the SIM cardholder and slide back the ivory lock
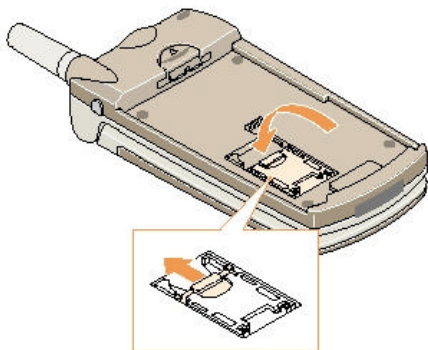
6. Reinstall the battery. To do so:

? Place the battery back, taking care to match t he tabs on the

battery with the grooves on the phone.
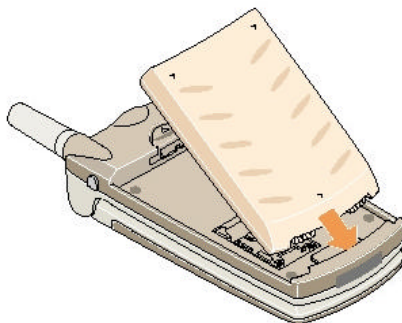
? Push the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the phone.
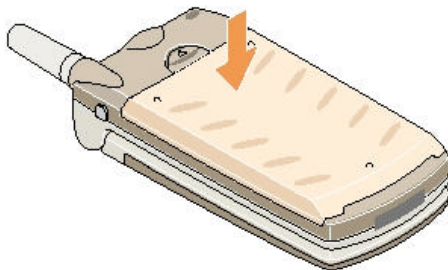
Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. You are provided with a travel charger when buying the phone. Use only

20

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.
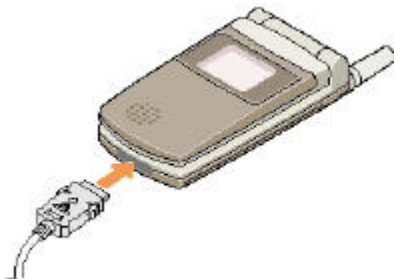
2. Connect the adapter to a standard AC wall outlet.

3. When charging starts, the battery status icon begins rolling and the word "charging" is shown. The phone can be used normally as usual.

4. When charging is finished (the full battery icon becomes solid), disconnect the adapter from the AC wall outlet, then from the phone.
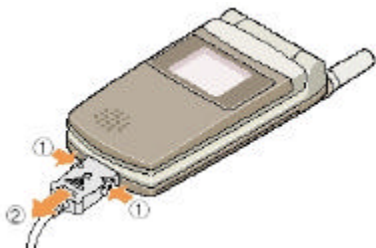
Note: When disconnect the lead of the adapter from the phone, you should press the buttons on both sides of it, otherwise it's easily damaged.

Low Battery Indicator

When the battery is low, the icon 🔲 is shown; at the same time your phone displays "Battery low" and gives a warning tone？

The phone will be switched off automatically if the battery is run out. When it happens, you will lose what you are doing and your call will be cut off.

Notes:

1. The phone would only display characters if the prompt tone were off.

2. If the battery is too low, the phone may give no response in a period of time when plug in; Please wait.

3. You cannot switch on your phone if the battery hasn't enough power, please charge the battery first.

Switching the Phone On/Off

1. Open the phone.
2. Press and hold the⏻\☎ key until switch the phone on.
3. Enter your PIN , if you have for your SIM card.
4. Press the left soft key, then your phone connects to the GSM network.

Note: If the network signal is too weak, 'No Service' appears in the display, and you can not make or receive any calls. Wait for the better signal or move into an open area to regain the service.

5. To switch the phone off, hold down 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. Meanwhile, make sure that you didn't activate the Timed On/Off or other Auto On function.

Note: Unnecessary touch of the antenna 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. If you enter a phone number, you can press the ☏ key to dial it.

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, and it also disconnects the call.

Talk Mode

You can make 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 the left soft key gives you a list of Options referred to as "Call Menu", and press ☿ key to disconnect the call and return back to standby mode

Shortcut Keys

The phone allows you to use the following shortcut keys for your convenience.

In Standby Mode:

* 0 #	Backlight settings
Hold the @ key	Connect the WAP services
(1-9)+ *	Fast dialing
Hold the Record key (closed)	Refuse a coming call
Press the Record key (open)	Enter the record menu
Hold the Record key (open)	Start the recorder
▲	Amusement
?	Phonebook
◄	Call lists

▶	Messages
Send key	Outgoing calls
Hold the volume key (closed)	Current time &date
Hold the * key	Change the prompt mode

In Talk Mode:

Hold the Record key (Open)	Start the recorder
Press the Volume key	Adjust the volume

CALL FUNCTIONS

Make Calls

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

1. In Standby mode, enter the phone number. (If you make a mistake while dialing, use ◀ key to put the cursor to the right of the digit, press the right soft key to erase it; Press and hold to erase the entire number.)
2. Press the ☎ key to make the call.
3. When you finish the talk, press ☎\☏ or close the phone to end the call.

Note: When entering the number, you can hold "#" key to insert a pause symbol (eg. between the telephone exchange and the extension). The latter number will be sent several seconds later than the former

26

number.

Making a Call from the Phonebook

Search a desired number from the phonebook, and press the 📞 key to dial.

Last number redialing

In standby mode, press 📞 once to access the list of the 20 numbers you last called; Scroll to the number or name you want, and press to call the number.

Note: If you have set Auto Redial menu to "On", when nobody answers you or the line is busy, the phone automatically retries to make the call.

Making International Calls

1. Press and hold the "0" key until a "+" sign appears.

2. Enter the country code, area code, and phone number, then press the key to begin dialing.

Making Emergency Call

Enter the emergency call number, and then press 📞 to make the call.

Receive or Reject Calls

When a call comes in, the phone prompts you by ringing and/or vibrating; the screen displays an incoming call message. If you have subscribed to the Line Identification Service (contact your service provider), the caller's phone number is displayed; if you have saved the

number in your phone book, the name is displayed.

To reject a call

When the phone is closed, hold the Record key to reject the call.

When the phone is open, press ⓞ or Reject key to reject the call.

To receive a call

Three modes are provided to receive a call: Call Key, Open Mobile or Auto. Please refer "Call" for details.

Adjust Volume

You can use the volume keys on the left side to adjust the volume when making calls.

Call Menu

During a call, press Option soft key to enter Call Menu or right soft key to enter the phonebook. The options may be variable in different conversation circumstances. Many of the options you can use during a call if your network provides these service.

The followings are the possible options:

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

Hold: You can hold the current call.

Answer the hold: Answer the previously held call.

Hold current and make next: You can hold the current call and make

the next call.

Hold current and answering coming: You can hold the current and answer the coming call.

Hold current and answer the held: You can hold the current call and answer the previously held one.

Add the held into the telephone conference: You can add the previously held call into the telephone conference.

End the current: You can end the current call.

End the held: You can end the held call.

End the current and answer the coming: You can end the current call and then answer the coming call.

End the current and answer the coming: You can end the current call, and answer the previously held call.

End all calls: Select it to end all the calls.

Note: The Call Wait, Hold and Conference Call functions are all provided by the network. You can contact the network operator for the details.

ENTERING TEXT

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

You are provided with the following text input modes.

• Symbol

• English/ ENGLISH/ english

• ABC/ abc/ Abc

• 123 (Numeric Input Mode)

Note: The input mode may vary in different markets.

Change Text Inputting Mode

When in a text entry screen, press ✐ to change Text Input Mode, or press the **O K** key to enter the eZi options and press ? or ? to select

one. You will see the text input mode indicator in the top line of the display.

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, J, K or L 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.

1. Input a word: press the corresponding numeric keys to enter the desired word.

    ✧   When you finish a word, press 0 key to confirm;

    ✧   Press the Delete soft key to delete the word gradually from right to left.

    ✧   Hold the Delete soft key to fast clean all the letters.

2. Select the letter group: press ◄ or ► to scroll through the letter groups and 0 key to select.

3. Caps Lock change: After entering word, you can press ? or ? to change caps lock. Or you can insert period among the letters.

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

If the word that appears in the display is not the word that you desire, press the ► or ◄ key to display alternate word choices for the keys you have typed. (For example, "of" and "me" both shares the sequence 6, 3) The phone displays the most commonly used choice first.

ABC/abc Mode

This mode allows you to enter letters by pressing the key labeled with the required letter once, twice, thrice or four times until the letter is displayed, e.g. you press the 2 key three times quickly to display the character "C", the 5 key two times quickly to display the character "K".

Note: When entering the same character twice (or a different character on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next character.

List of characters available:

Keys	Characters
1	. , ? ! 1 / : ' @
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	Space 0

123 (Numeric) Mode

123 indicates numeric mode. It enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to the text entry mode of choice.

Insert Symbol

1. Press the **O K** key in the text entry mode;
2. Press the ▲ or ▼ key to select the column which including the symbol mark you want to use;
3. Press the corresponding numeric key to insert the desired symbol mark.

```
┌─────────────────────┐
│       Symbol        │
│ . , : ; ? ! "       │
│ ' ( ) * + - / =     │
│ <> # % _ [ ] @      │
│ { } $ ~ ^ \ ` |     │
│ 1 2 3 4 5 6 7 8     │
│               Back  │
└─────────────────────┘
```

Then the phone automatically switches back to the text entry mode used just prior to selecting Symbols mode.

Note: When in the English, ABC or abc mode, you can enter some often used symbol by pressing 1 numeric key one time or more times.

Using User's Dictionary

CA8a allows you to add new word to the in-built dictionary. When in English mode, the new-added words enjoy the priority.

● **New**

1. In the entry screen, press OK key to enter eZi option—User Dictionary—New;
2. Enter the word you desire, and then press option soft key;
3. Select User Dictionary, and press OK key.

● **Word List**

1. In the entry screen, press OK key to enter eZi option—User Dictionary—Word List;
2. Press ? or ? to select the desired word;
3. Press Option soft key, and you can edit the word;
4. Press Option key, you can operate the Add or Delete.

PHONEBOOK

You can store your phone numbers and the corresponding name in SIM card or in your phone memory. In addition, Phone memory can store up to 500 entries. Every entry includes a name, one phone number, one home telephone number, one office telephone number, one personal E-mail address, one office E-mail address, one fax number, and one remark.

The quantities of the entries, which SIM can store, depend on the type of SIM. Every entry includes a name and a number.

<u>Smart Dial</u>

This Option allows you to find an entry quickly in your PB. In standby mode, press the Down direction key to enter 'Smart Dial' directly.
1. When Smart Dial is highlighted, press OK soft key to enter.
2. Input the corresponding numerical key of the desired name.
3. Press OK soft key. Scroll to your desired entry.

4. Press ☎to dial it or press Select soft key to enter "Select
   Operation". The following Options are available:

Edit: Edit the details in the PB of the selected entry.

Copy: Allows you to copy the selected entry from the phone memory
   to the SIM memory or from SIM to phone.

*Note: The phone will not copy the same entry (i.e. the same name and
number).When you copy an entry without name from the SIM card, the
phone will automatically add "No Name" as the name of the copied entry.*

Delete: Press the OK key and phone will display "Delete?" Select
   "Yes" to delete this entry. Select "No" to cancel.

Call: Press the OK key to dial this number.

Write SMS: Refer to SMS/ Write.

Send Number: Send all the numbers in this entry to the appointed
   number.

Search All

This option allows you to find a Phonebook entry by searching from
the list of all entries sorted by name.

(1) Press the ▲ or ▼ key until you find the desired entry from the list.

(2) Press the ☎key to dial the number or press the OK soft key for
    more details.

Search Name

Enter the character(s) of the desired name by pressing the associated alphanumeric key(s) and press the Search soft key to see the details in your phonebook. (The default input mode is Abc mode.)

Storing a Phone Number in PB

1. Key in the number to be saved.
2. Press the Save soft key.
3. Select Local PB or SIM PB then press OK soft key.

Add to Local:

(1) Input the name, press OK soft key.
(2) Enter three phone numbers by sequence (after input the first number, press Next soft key and then enter the second and the third number).
(3) Enter email address, fax number, ICQ number and remark separately (the same method as step 2).
(4) Press OK soft key and "Saved" is displayed.

Add to SIM:

(1) Input name, press OK soft key.
(2) Key in the numbers, press Save soft key.
(3) Press OK soft key and "Saved" is displayed.

Number Group

The phone allows you to group the numbers stored in the Phone. (The numbers stored in the SIM card cannot be grouped.) It allows you to set 6 groups, such as Family, Friend, VIP and so on. When the number in

the group dialed, the phone rings and lights in the way you've preset.
Enter one desired group, you'll have the following options:

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

Add from Ph: Add the entries chosen from the phonebook to the desired group.

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

Group Picture: Set the image for the group.

Group Light: Set the color light for the group.

Change Name: Allows you to rename the group.

PhBook Manager

Copy
1. Local to SIM
2. SIM to Local

Take "Local to SIM" for example:

(1) **Copy One:** Press ▲ or ▼ to view the phone number one by one and press left soft key to copy the desired one.

(2) **Copy Range:** Input the start number and the end number, then press OK soft key to copy these entries you want to SIM card. (Refer the following picture) You can press ? or ? to switch between the start number and the end number.

Local to SIM		Range: 1-500
1 Copy One	8	Start:	
2 **Copy Range**		End:

Note: When you input the wrong start number and end number, the phone will prompt you "Wrong Range".

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

Notes:
1. If the entry already exists in target PB, the entry will not be copied.
2. If the space of target PB is not enough for copy, only the front phone numbers will be copied until the target PB is full.
3. Those that are not numbered will not be copied to SIM card.+
4. When you copy an entry without name from the SIM card, the phone will automatically add "No Name" as the name of the copied entry.

Delete
Just same as Copy, you can delete Local or SIM PB, and you have three selections: Delete One, Delete Range and Delete All.

Check Capacity
Check the total capacity and the amount of used entries of PB of SIM card and Local.

Fixed Numbers

If the network service provider and your SIM card support the function, you can limit the outgoing telephone number. If this funct ion is set On, your mobile phone can only dial the number in the fixed number list. If you dial the other number (except the emergency 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.

Info

Country/ Area Code

Select this function, press ◀ or ▶ to view the country/area code; Press left soft key to search by name or by code:

```
         Search
  [1] Search Name
  [2] Search Code


  Ok            Back
```
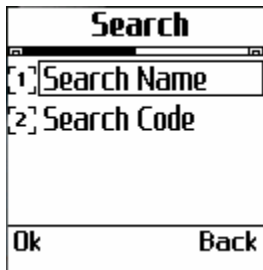
Speed Dial

Enter the number you desire for Speed Dial, then press the Left soft key to save the option. In standby mode, hold the corresponding numeric key, the number can be dialed quickly and directly.

USING MENUS

CA8a offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and submenus.

Accessing a menu function

By scrolling

1. In Standby mode, press **Menu** soft key.
2. Scroll with navigation keys through the menu and select, for example, **Toolbox** by pressing **OK** soft key.
3. If the menu contains submenus, select the one you want, for example **Alarm Clock**.
4. If the selected submenu contains further submenus, repeat step 3.
5. Select the setting of your choice.
6. Press **Cancel** key to return to the previous menu level, and press ⓞ\↝ key to exit the menu without changing the menu settings.

By Shortcut

The menus, submenus and setting options are numbered and you can

access them by using their shortcut number.

1. In Standby mode, press the Menu soft key.
2. Within three seconds, key in the index number of the menu function you want to access.

e.g.: To see your biorhythm, press Menu soft key then press 6,3,2,1.

List of Menu Functions

The following list shows the serial number of each menu function. When you use the STK card the actual menu function may not match the list below. The STK menu will locate at the eighth position of the main menu (you can use the ▶ key to access Messages menu).

1. Messages

1-1: SMS
- 1-1-1: Inbox
- 1-1-2: Write SMS
- 1-1-3: Outbox
- 1-1-4: Status Report
- 1-1-5: Delete

1-2: MMS
- 1-2-1: Inbox
- 1-2-2: New
- 1-2-3: Outbox
- 1-2-4: Drafts
- 1-2-5: Sent
- 1-2-6: Templates

1-3: Voice Mail ─┬ 1-3-1: Voice Mail NO.
                 └ 1-3-2: Call

1-4: Broadcast ─┬ 1-4-1: Read
                ├ 1-4-2: Auto Display
                └ 1-4-3: Filter

1-5: Memory ─┬ 1-5-1: SMS
             └ 1-5-2: MMS

1-6: Settings ─┬ 1-6-1: SMS Settings ─┬ 1-6-1-1: Auto Display
               │   ├ 1-6-1-2: SMS Center
               │   ├ 1-6-1-3: Valid Time
               │   └ 1-6-1-4: Customs
               │
               └ 1-6-2: MMS Settings ─┬ 1-6-2-1: Allow Adverts
                                      ├ 1-6-2-2: Connection
                                      ├ 1-6-2-3: Message Validity
                                      ├ 1-6-2-4: Reception
                                      └ 1-6-2-5: Save Sent Msgs

2. Data Service

2-1: Browser ─┬ 2-1-1: Homepage
              ├ 2-1-2: Bookmark
              ├ 2-1-3: Prompt Information
              └ 2-1-4: Go to URL

2-2: PC Sync

2-3-1: Connection
2-3-2: Clear Cache

AMOI

2-3: Settings

3. Personality

3-1: Music Select
- 3-1-1: Incoming Ring Tone
- 3-1-2: Message Ring Tone
- 3-1-3: Alarm Ring Tone
- 3-1-4: Log Ring Tone
- 3-1-5: Power On Ring Tone
- 3-1-6: Other Tones

3-2: Alert Type
- 3-2-1: Ring
- 3-2-2: Vibrator
- 3-2-3: Ring & Vibrator
- 3-2-4: No Notification

3-3: Volume

3-4: Standby Interface
- 3-4-1: Text
- 3-4-2: Picture
- 3-4-3: Animation
- 3-4-4: Calendar
- 3-4-5: Download More
- 3-4-6: Multimedia
- 3-4-7: Network

44

3-5: Power On/Off Interface

4. Settings

```
                    |4-1-1: Set Time
                    |4-1-2: Set Date
4-1: Time ————      |4-1-3: Format Time
                    |4-1-4: Format Date
                    |4-2-1: Call Volume
                    |4-2-2: Divert
                    |4-2-3: Incoming Filter
4-2: Call ————      |4-2-4: Call Waiting
                    |4-2-5: Answer Mode
                    |4-2-6: Send Number


                    |4-3-1: Auto On/Off
                    |4-3-2: Language
4-3: Mobile ————    |4-3-3: Keypad Tone
                    |4-3-4: Reset all


                    |3-4-1: Mode ————      |3-4-1-1: Auto
                    |3-4-2: Search         |3-4-1-2: Manual
4-4: Network ————   |3-4-3: Sequence
                    |3-4-4: Band Select ——|3-4-4-1:GSM850/1900
                                          |3-4-4-2: DCS 1800
                                          |3-4-4-3: Automatic
```

45
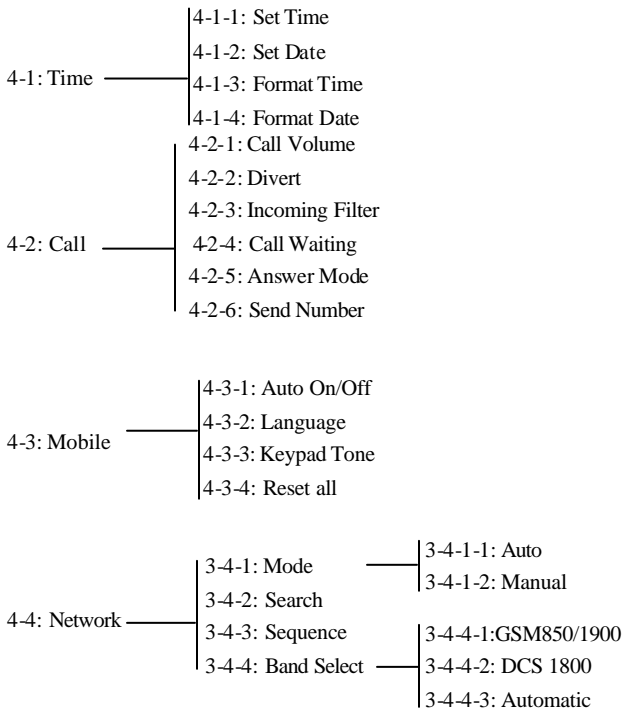
5. Toolbox

5-1: Alarm Clock ────
- 5-1-1: Alarm 1
- 5-1-2: Alarm 2
- 5-1-3: Alarm 3
- 5-1-4: Cancel all

5-2: Voice Memo
5-3: Calculator
5-4: Unit Convert
5-5: World Time

6. Private Info

6-1: Calls
- 6-1-1: Missed
- 6-1-2: Incoming
- 6-1-3: Outgoing
- 6-1-4: Last
- 6-1-5: All
- 6-1-6: Charge ────
  - 6-1-6-1: Total Charge
  - 6-1-6-2: Max Charge
  - 6-1-6-3: Unit Price

6-2: Security
- 6-2-1: SIM Lock
- 6-2-2: Check PIN
- 6-2-3: Secret Items
- 6-2-4: PWD Manage
- 6-2-5: Bar Calls ────
  - 6-2-5-1: All Out
  - 6-2-5-2: Out Intl
  - 6-2-5-3: Out Intl Roam
  - 6-2-5-4: All In
  - 6-2-5-5: In When Roam
  - 6-2-5-6: Status
  - 6-2-5-7: Cancel All

46

7. Amusement

7-1: Tetris ──────┤ 7-1-1: Easy
                  │ 7-1-2: Medium
                  │ 7-1-3: Senior
                  │ 7-1-4: Beep
                  │ 7-1-5: Help

7-2: Push Box ────┤ 7-2-1: Start
                  │ 7-2-2: Rule
                  │ 7-2-3: Beep

7-3: Eat Bean

7-4: Shrew Mouse

8. Multimedia

8-1: Recorder

8-2: Image

8-3: Audio

8-4: User Custom1

8-5: User Custom2
8-6: View

SMS

The SMS (Short Messaging Service) function is a 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.

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.

Note: In standby mode, you can simply press the ► key to enter the menu of 'Messages'.

Inbox

Use the ? or ? key to select one of the messages.
Press the **O K** soft key to see the content. Use ? or ? key to scroll.
Press the **Options** key to do 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: Send the received message to others. You can edit the message and then choose **Send**, **Save & Send**, **Save** or **Multiple Send**.

Extract Number: You can extract numbers from this message to make a call or store in t he phone/SIM card.

Store to Phone: Store the message in the phone

Delete: Delete this message.

Notes:

1. New messages will be signed with *.

2. If the number has been saved in the phonebook, the name will be shown here, or the number will be shown.

3. If the sender's number exceeds 11 digits, only the frontal 11 digits will be shown and the others will be omitted. An overlong name will be omitted with the last characters likewise.

Write SMS

You can edit and send an up to 160-character-long message. Select **New** or choose one of the customs to edit.

Press OK soft key after editing and choose one of the operations as follows:

Send: Send the message.

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

Save: Allows you to save the message so that it can be sent later.

Multiple Send: Allows you to send the message to multiple receivers. You can send the message to less than 5 phone numbers.

Outbox

Outbox stores the messages that you have already sent or unsent. The letter with '*' is unsent message.

Write: You can write a piece of new message or edit the message and then choose '**Send**', '**Save & Send**', '**Save**' or '**Multiple Send**' to do with the Message.

Extract Number: You can extract numbers from this message.

Delete: Delete this message.

Status Report

You can select **On** to require the SMS center to inform whether your message has been sent successfully or not.

Delete

You can delete the messages in **Inbox** or **Outbox**. In each box you can choose to delete the messages one by one or delete them all.

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 right setting for the WAP and MMS server.

1. Choose Internet -> Settings -> Connection to set the WAP configuration with the WAP/MMS parameters table below.

2. Choose Messages -> Info Settings -> MMS Settings -> Connection to set the MMS configuration with the WAP/MMS parameters table below.

WAP/MMS Parameters

Parameter	MMS	WAP

	GPRS	CSD	GPRS	CSD
Name	Custom			
Homepage	http://mmsc.montern et.com		http://wap.monternet.com	
IP	010.000.000.172			
DNS	010.000.000.172			
Bearer	GPRS	CSD	GPRS	CSD
User Name		wap		wap
Password		wap		wap
Res. Time	600 (Custom)			
APN	cmwap		cmwap	
Number		17266		17266
Data Mode		Modem		Modem
Security	Off			

Presently CA8a supports MIDI, MMF files in sound format and BMP, JPEG, GIF87, GIF89a and PNG files in image format. If there are other format files in the MMS, the phone cannot display the image or play the sound.

In addition, CA8a can display a 32k MMS at most. If the MMS exceeds the capacity, it cannot be displayed.

When you use the MMS, the following Icons are possible to display:

Icons   Description

New Message

The message that fail to be received

52

🐦•	The message 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
📑	Fr Audio File

You can download more MMS rings and pictures through the phone assistant. For more details, please refer to the Help Manual.

Inbox

1. In the message list displays the received messages, with indicated icon, title, time and size of every message.
2. Press ? or ? key to select a desired one.
3. Press **Option** soft key:

   View: Press left soft key to view the received message or to receive a new one.

   Delete: Press left soft key to delete the message.

   Detail: Press left soft key to view the title of the message, the sender, the time and the size.

New

You can create a new message by selecting **New** or **From Template**.

The following process is to edit and send a message:

Press ? or ? key to choose:

Add Text: Enter the text. Press left soft key to enter, the cursor glints in the editing frame, enter the text directly. Press * key to change the text mode; press to edit with mixed mode; press left soft key to confirm.

Add Image: Press Option key to operate Select, View and Delete.

Add Sound: Press Option key to operate Select, View and Delete.

Add Slide: Press left soft key to add one slide.

When you finish editing, press the Menu soft key, you'll have the following options:

Send: Select the number in the Email address book, or input it directly, then you can send your MMS out. Press the 0 key to compact the numbers if there are several addresses.

View: View the edited content.

Save: Save the edited MMS to the Draft or Template.

Set: You can set the Last Time and Screen Format.

Add Screen: To add the screen.

Delete Screen: To delete the screen.

Add Image: To add image to the current edited MMS.

Delete Image: To delete the added image.

Add Sound: To add the sound file to the edited MMS.

Delete Sound: To delete the sound file.

Note: The options vary with the edited MMS.

You can also set up a MMS from the template. Enter the **Options** menu to **Edit** a file or **Delete** it.

Outbox

The messages you have failed to send are stored in the Outbox.

Enter the Outbox, the available options and operations are the same as those in Inbox.

Drafts

When editing or viewing a message, you can store it in drafts box, and select one to read and send.

Sent

The messages you have sent successfully are stored in the sent box. You can do the same operations as the other boxes.

Templates

When editing or viewing a MMS, you can save it as a template. Afterwards you can use this template to edit a new MMS more conveniently.

Voice Mail

This menu provides you with a quick way of accessing your voice mail (if supported by your network).

Voice Mail: Input the mailbox number obtained from your service provider.

Call V-mail: press the **Send** soft key to listen to your messages.

Broadcast

You can receive broadcast messages with various contents via this network service, such as weather or traffic. The following options are available:

Read: You can view the up to date broadcast messages.

Auto Display: If you set this function '**On'**, messages are displayed immediately when they are received.

Filter: Help you choose the channels you like from which you can receive broadcast messages.

Memory

You can check up the total space and the space used of SMS and MMS.

Info Settings

SMS Settings

You can set some setting for your SMS. The following options are

available:

Auto Display: If select "On", when you receive a new message, it can display automatically. 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.

Valid Time: Allows you to set the length of time for which your text messages will be stored at the message center while attempts are made to deliver them to you. **12 hour**, **1 day**, **1 week**, **1 month** and **Max Time** are available.

Customs: You can edit eight pieces of short messages up to 40 letters, which are in common use.

MMS Settings

It allows you to set some features for your MMS. The following are available options:

--Allow Adverts: You can choose whether or not receive the adverts.

--Connection: You can choose from **MMS GPRS**, **Add new** or **Add from list** to add up to 9 proxy servers in the connection list. Select one to reset its parameters.

--Message Validity: Allow you to set the length of time for which your messages will be stored at the MMS center while attempts are made to deliver them to you.

--Reception: Set the mode of receiving MMS.

--Save Sent Messages: Set whether or not to save the messages which

have been sent.

DATA SERVICE

Browser

WAP is a platform for combining wireless communication with Internet. WAP allows you to access the Internet and also provides you with some E-commercial 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'.*

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

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

Prompt Information

Set it On to know whether you have successfully connect to the URL or not.

Go To URL

Enter a URL and press the OK key to connect to the page. When 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.

For more details, please refer to the Help menu of 'PC Sync'.

Settings

1. Connection

Scroll with ? or ? to choose 'WAP GPRS', 'New' or 'From List'.

You can perform the following operations in 'WAP GPRS':

? Activate

? Modify

? Delete

Select 'Modify', you can make the following modifications:

Name: Edit the name of the service.

Homepage: Enter the URL of the homepage, e.g.

http://wap.monternet.com.

IP Address: Enter IP address, e.g. 010.000.000.172.

DNS IP Address: You need not enter anything while using the WAP

GPRS.

Bearer: Set the type of the bearer. There are three types: GPRS, CSD

and Serial. Please set to GPRS.

User Name: Set the user name of the server.

Password: Set the password when login.

Response Time: Set the time of connecting. The connection will be

abandoned if the Website cannot be connected within

the preset time.

APN: Enter the APN, e.g. cmwap.

Security : Set it On or Off.

Save : Save the modifications you have made.

2. Clear Cache

Clear the cache of the browser.

3. Resets

Reset the settings of the WAP.

The following are shortcut keys for the WAP :

Keys	Functions
? or ? key	Browse the contents of the page
Left soft key	Link corresponding options
Power key (hold)	Disconnect WAP
1 to 9 (hold)	Connect to the pages of bookmarks
0 (hold)	Enter your inbox
* (hold)	Browser window

The menu functions of the Browser window:

Home: Return to the default homepage.

Forward: Forward appointed contents such as rings and pictures.

Bookmarks: Display the website list. Select one to Browser.

Go to URL: Enter the URL of the Website.

History: Store the Websites you have visited.

Snapshots: Create and save a snapshot of the current page for further

use.

Save Items: Save the content of current page.

Reload: Quit the Browser menu and reload current page.

Advanced: You can scroll and use the advanced functions as Restart -up, Key Press Timeout, etc.

PERSONALITY

Music Select

Select your favorite music for the incoming calls, SMS, MMS, alarm clock, and so on.

You can press ? and ? for audition and then press OK key to select one.

Alert Type

There are four kinds of prompt mode: Ring, Vibrator & Ring, Vibrator or No Notification.

Note: In the standby mode you can hold * key to change the prompt mode.

Ring Volume

You can adjust the volume of the ring tone. Press ? key to increase volume and ? key to decrease, or use the side volume key to adjust the

volume.

Standby Interface

The phone offers you several types of display for the standby mode. The following options are available:

Text: Displays your own greetings. Create your own message up to 19 characters.

Picture: Press the ◄ or ► key to preview the pictures; press **O K** soft key to choose one.

Animation: Press the ◄ or ► key to preview the animation; press **OK** soft key to choose one.

Calendar: Displays a solar calendar.

Download More: Download more through PC Sync.

Multimedia: Choose the desired ring tone or images stored in the Multimedia.

Network: Choose to show or hide the network service name in the standby interface.

CA8a supports several formats of the pictures as BMP, JPEG and PNG. You can download more pictures by the Phone Assistant; please refer to its help files.

Power On/Off

You can select what will be displayed when the phone is switched on/off. Choose between Animation and Text.

Picture: Press OK soft key to choose.

Text: Displays your own greetings. Create your own message up to 19 characters.

SETTINGS

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

Clock

This function allows you to change the current time and date displayed in standby facility.

The following functions are available.

Set Time: Enter the time according to the preset format.

Set Date: Enter the date, month and year according to the preset Format.

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

Date Format: Select the day format:

🔹 D/M/Y

🔹 M/D/Y

🔹 Y/D/M

Call

Call Volume

Adjust the voice volume by using the side volume key or the Up &
Down direction key.

Divert

This network service enables the incoming calls to be transferred to the
number that you specified. For example: You would like to transfer
your business calls to a colleague while you are on holiday. The
following options are available:

Not Reachable: Calls are transferred if the phone is switched off or
you are out of an area covered by your service
provider.

No Reply: Calls are transferred if you do not answer the call.

All Calls: All calls are transferred.

Busy: Calls are transferred if you are already making another call or
you refuse to answer.

Status: You can inquire the network about the current status of divert
function.

Cancel all: All call transfer functions are cancelled.

Select one item to divert your phone, you should:

1. Scroll to the desired item then press OK soft key.
2. Select "**On"** and press "OK" soft key (If you want to cancel this
operation, select **Cancel**).

3. Input the number you want to divert to and set the delay time, press OK soft key.

4. The info is displayed to indicate if you've succeeded this operation or not.

Note: You can select the transfer modes according to your need. Not Reachable, Not Reply and Busy can be set singly or in group. However, if you set All Calls, the other transfer setting will be invalid automatically.

Activate, cancel or check any call transfer mode, short-time display will appear for handling the setting. Only after finishing operating can you get the result.

When the Call Baring function is activated, some transfer function will be invalid.

Incoming Filter

With this operation, you can put numbers into Reject number that will never get through your phone; and put numbers into Accept number so that only the number stored in the Accept Number list can get through your phone.

Note: Only when you subscribe the Line Identification Service can you activate the incoming filter.

Call Reject

The phone will automatically refuse the numbers you put in the "Reject Number" (up to ten records); you can get the prompt information in the standby mode when someone calls you with these

numbers; you can also check all the rejected record in the "Reject list".

Call Accept

Your phone can only receive the numbers you put into the " Accept Number". If not, your phone displays the information "this number is rejected". You can also check all the Accept calls in the "Accept List ".

Note: Only when your SIM card is subscribed to the incoming number displayed, can you use the function.

Call Waiting

The phone supported the function of 'Call Wait' and 'Call Hold' of GSM net. If you select this function, the network will tell you there is a new call coming in during another call. You can receive the new call by hold the present call. The following options are available:

Activate: The Call-Wait Tone will be heard when there is another new call coming during one call. The phone will display "Incoming", and you can hole the present call to answer the incoming one.

Cancel: Select to cancel this function.

Status: Select it to display the status of this network function: 'Active' or 'Off'.

Answer Mode

There are three methods to answer a call.

Call Key: Press to answer a call.

Open Mobile: Open the phone to answer a call.

Auto Answer: If you insert Car Kit, the phone can automatically answer after 3 seconds. Before the auto answer, you can also press to answer it.

Sent Number

This function must be supported by network.

Your phone number will be hidden or displayed according to the network when making a call.

On: Your phone number will be displayed to receiver.

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

Mobile

Auto On/Off

The phone will switch on or off at the preset time.

Enable: Enable the phone to automatically power on/off.

Set: Enter the time when you want your phone to switch on/off.

Language

✦ Spanish: All the menus and information is displayed in Spanish.

✦ English: All the menus and information to be displayed in English.

Enter the menu, press the ▶ or ◀ key to switch between the two languages, press the left soft key to confirm your setting.

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

Keypad Tone

It allows you to set the keypad tone On/Off, you can also use the side volume key to adjust the tone volume.

Reset All

You can reset some settings to factory set. You need to enter your phone password (the factory set for the password is 0000).

Note: If you reset, some personal setting will be deactivated.

Network

When you use the phone, the phone will auto select the network service. When the phone is beyond the service area or in abroad, you can select the appropriate network manually.

There are two modes available for you to search the network: Auto & Manual searching.

To select "Search", the LCD will display "Searching..." After you get it, the GSM will auto display the found network. If there are t wo available networks, you can use the ? or? to select. Those labeled with * are prohibited.

Note: The number of stored networks depends on the SIM card you use.

TOOLBOX

Alarm Clock

CA8a offers you three alarm clo cks. They still work even if the phone is powered off. When the clock alarms at the set time you can press the left soft key to switch it on. If you set a clock an alarm icon will display in the standby mode. And you can set the 3 alarm activated at the same time, and every alarm can work independently. For every alarm, you can have the following options:

On: Press the OK soft key to startup or cancel the clock. There is a v sign when the alarm is set on.

Set Time: Enter the time as the 24-hour format.

Mode: You can set the clock to work every day or on workdays or customize it as your desire.

Tone: Select an alarm tone you like.

Cancel All: Disable all the alarm clocks.

Notes:

*1. When the alarm rings at the preset time, you can press any key except
   the left soft key to end it.*

2. The clock will continue alarming for 1 minute if no key is pressed.

Voice Memo

You can record 2 voice memos, 30 seconds at most for each.

Record

Press OK soft key to enter Record. A timer displays to show you the
elapsed time. When recording time expires, the phone will
automatically save the memo already recorded and exit. You can also
press the right soft key to end recording.

In the standby mode you can press the record key to enter the Voice
Memo menu. Or you can hold the record key to perform recording
directly. This operation is also effective when making calls. You cannot
record any more if you have had two memos.

*Note: Recording voice conversations is illegal in some countries. Make
sure the other party has consented to being recorded.*

Calculator

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

Performing a calculation:

1. Enter the first number by using the numeric keys.
2. Press the navigation keys to set the operator for your calculation referring to the screen: ? for + (add), ? for - (subtract), ◄ for × (multiply), ► for / (divide).
3. Enter the second number.
4. Press the **Equal** key to reckon the result.
5. Repeat step 1 to 4 as many times as required.

Unit Convert

You can convert the units as follows:

Length	cm, dm, m, inch, foot, yard, mile, km
Weight	g, dg, hg, kg, kintal, ton, ounce, pound
Volume	cm^3, dm^3, m^3, liter, in^3, ft^3, yd^3, gallon
Surface	cm^2, dm^2, m^2, ft^2, yd^2, mu, ha, acre

To do so:

1. Use ◄ or ► key to select a kind of unit and use ? or ? key to select the unit you want to convert to.
2. Input the number you want to convert.
3. The converted value will display in the nether area immediately.

World Time

Maybe you have had a puzzle like this: You wanted to call a friend in another country but you didn't know the time there. This tool is used to

help to solve the problem. Use ◄ or ► key to scan the time zone of the world. And you can also set the daylight saving time if the area has.

PRIVATE INFO

Calls

Only when your SIM card is provided with the operation of incoming display, your phone can record the information of missed and incoming calls. If the numbers have been saved in the phonebook, the phone will display the corresponding names in the **Missed**, **Incoming** and **Outgoing Calls**.

Missed
20 pieces of missed call information can be stored here.

Incoming
20 pieces of incoming call information can be stored here.

Outgoing
20 pieces of outgoing call information can be stored here.

In the lists above, you can choose a number and press **Option** soft key to do the operations as follows:

Call: Dial this number.

Detail: View the details of the call (Name, Number and Time).

Save : Save the number in local phone or SIM card.

Delete: Delete the information of this number.

Note: You can press the ◄ key to enter this menu directly in the standby mode. But in this shortcut menu there are only three submenus including the information of missed, incoming and outgoing calls.

During the call, the internal screen will display the time (in the format of hour, minute and second).

The call time in the charge bill provided by the network operator may be different from that recorded by the phone. It all depends on the network.

Last

Record the time used in last call. Press **Reset** soft key to set the timer to 00:00.

Total

To record the total time of the calls. Press Reset soft key to set the timer back to 00:00.

Charge Info

When your network provider and the SIM card support this function,

you can set the **Unit Price** and **Max Charge** and see the **Total Charge**. You must input correct PIN2 to start the function. You can contact your service provider first.

Total Charge: Record the total charge. Press Reset to set the total charge to 0.

Max Charge: View and set the total charge. When the total charge used exceeds the preset total charge, you can get through any charged call.

Unit Price: View and set the unit price for calls.

Note: The item of Total Call Cost depends on the function of network, therefore the bill given by the service provider may not match your record.

Security

SIM Lock

If enabled, the phone would use the current SIM card only. You must input the phone password if you want to change a SIM to use.

Check PIN

You must input the PIN code when the phone is switched on.

Note: If the PIN is input incorrectly or three times, the SIM card will be locked and you need the PUK code to unlock it.

Secret Items

You can set password for some functions. You should input correct phone password to startup. You must input correct password to use the functions you have set for it. You can set password for these functions: **SMS, MMS** and **Private Info**.

Password Manage
Change PWD
1. Input old PWD (the default is 0000), press OK soft key to continue.
2. Input new PWD and press OK soft key.
3. Re-input the new PWD to confirm.
4. The information "PWD changed" will display to declare success.

Change PIN
The process of changing PIN resembles changing PWD.

Note: You must set PIN check enabled first.

Change PIN2
The process of changing PIN2 is the same as changing PIN.

Bar Calls
The calling limitation function can help you to limit the incoming and outgoing calls. This service may not be available on all networks. Contact your service provider if necessary.

All out: Select this option to bar dialing any calls (except the urgent calls).

Out Intl: Select this option to bar dialing the international calls.

Out Intl Roam: Select this option to bar dialing the international calls
except to your home country.

All In: Select this option to bar all incoming calls.

In When Roam: Select this option to bar all incoming calls when
roaming.

Status: It allows you to inquire the current Bar calls setting.

Cancel All: Selecting this option, the phone will allow dialing and
answering all calls.

AMUSEMENT

In the standby mode, you can press the ? shortcut key to enter this
menu.

Tetris

There are three difficulty levels: **Easy**, **Medium** & **Hard**. You can see
the details in the **Help** menu and turn on the sound by enabling **Beep**.

Push Box

You are successful if you pushed all boxes to destinations.

Move the pusher by pressing the ▲ ▼ ◄ ► key; restart the game by
pressing the Send key; press the Power On/ Off key to exit from the
game. Press the # or * key to choose the game level.

Start: Start playing the game.

Game Rule: Illustrate the rules of the game.

Beep: Select 'On' to have beep during playing, and 'Off' the cancel the
beep.

Eat Bean

A big smart mouth eating beans. The big mouth has to eat the beans by avoiding the red monster.

Put the cursor to 'Eat Bean', press OK left soft key to enter the game, and then choose the options as follows:

Start: Start playing the game.

Load Game: To enter the game you saved last time.

Help: Provides you with some instructions on playing the game.

Beep: Select 'On' to have beep during playing, and 'Off' the cancel the beep.

Shrew Mouse

New Game: Begin the new game.

Settings: Set the play time and beep for the game.

Scores: Make a record of the best five players.

Game Rule: Illustrate the rules of the game.

MULTIMEDIA

The Multimedia is a menu that helps to manage the mobile phone resources.

Voice Memo

Enter

Press OK soft key or left soft key to enter the Voice Memo. All the voice memos list out. Choose one, the following options are available:

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

--**Copy:** Copy the voice memo to "User Custom 1" or "User Custom 2".

--**Move:** Move the voice memo to "User Custom 1" or "User Custom 2".

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

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

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

--**Send as MMS:** Edit the voice memo as MMS.

Property

View the quantity of the files and the total capacity.

Delete

Delete all the voice memos.

Image

The taken pictures are stored here.

Press the Options soft key, 3 options are available:

Enter

By selecting the Enter, all the images stored list out. Scroll to the desired one and press the OK or Left soft key, you'll have the following options:

--**Preview:** View the images.

--**Copy:** Copy the image to "User Custom1" or "User Custom2".

--**Move:** Move the image to "User Custom1" or "User Custom2".

--**Rename:** Rename the image.

--**Property:** View the title, size and taking time of the image.

--**Delete:** Delete the image.

--**Send as MMS:** Edit the image as MMS. See the menu of "Message-MMS".

--**Set as Standby Picture:** Set the selected image as the Standby picture.

Property

View the quantity of the files and total capacity.

Delete

Delete all the images.

Audio

The options are the same as the Image.

User Custom1

You can store the voice memos, pictures, phonebook, photos and ring tones in User Custom1.

Enter

Press OK soft key to enter User Custom1. Operations are the same as in "**Camera**" and "**Voice Memo**".

Property

View the quantity of the files and the total capacity.

Delete

Delete all the files.

Rename

Rename User Custom1.

User Custom2

You can store voice memos, pictures, phonebook, photos and ring tones in User Custom2.

The options are the same as the User Custom1.

View

View the free & used space of the Multimedia.

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 request is enabled, the code is asked each time the phone is switched on.

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 the **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 shows the details of your battery:

Type	Capacity	Talk Time	Standby Time
Li-ion	520mAh	4hrs	100hrs

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 capacity

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.

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 ing.

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

Care and 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 do not work 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 or scratching 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 used as a daily alarm.

ALS (Alternate Line Service)

ALS provides the capability of associating two alternate lines with one SIM card. You can make and receive calls on either line as desired with this service.

AMOI 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 Calling

Able to establish a conference call involving up to five additional parties.

CSD

Circuit Switch Data. CSD is a GSM transaction, which is charged by the data flow amount.

DTMF (Dual-Tone Modulated Frequency)

You send DTMF signals when you enter numbers by pressing the digit keys.

GPRS—General Packet Radio Service

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

The digital GSM network used in America.

GSM1800

The digital GSM network used in Europe and Asia.

GSM1900

The digital GSM network of GSM1900 is widely used in North America and Latin America.

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.

LCD (Liquid Crystal Display)

Commonly used to refer to the screen display on the wireless phone.

Line Identification Service

Service which allows 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.

MMS (Multimedia Messaging Service)

MMS is current technology of message development with highest standard. Its feature contains: supporting multimedia function, supporting sending kinds of message (letters, pictures, voice and other multimedia message). It makes multimedia sending as phone-to-phone and phone terminal-to-network possible.

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

Keys marked • and **o** on the phone, 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.

Tri-Band

Wireless phone that operates on any of the three digital GSM frequencies-typically, 850 MHz, 1800 MHz and 1900 MHz-to increase service coverage. (1800 MHz is a GSM digital network used in Europe. This frequency allows for global roaming, where roaming agreements are in place.)

URL

Uniform Resource Locator. It demonstrates the path of the resource. It usually takes http://wap as begin ning.

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.

WAP (Wireless Application Protocol)

By working on top of standard data link protocols, WAP provides a complete set of specifications to support Internet protocols. Simply put, it's a special way of formatting content so that it can appear on small screens, like those on wireless phones or PDAs. WAP is becoming a global standard for developing and delivering Internet content to wireless devices.

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.	? 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.	? Check if you've set the Voice Volume too low.
Does not ring when an incoming calls comes in.	? 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.	? Check if you've set the LCD contrast too low.
The keypad doesn't work.	? Check if you've locked the keypad.
The one on the other part of the line cannot hear you.	? 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 0.715 W/Kg and when worn on the body, as described in this user guide, is 1.29 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 1.5 cm 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.

3. Also, you need following info, if cell phone is considering a digital peripheral

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 bet ween 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.

We hold the privilege of modifying the product described in this manual without prior notice. For any errors in publishing, we will make some necessary modification in the new edition.