

# **C520 USER MANUAL**

Thank you for choosing the Pantech C520, our latest tri-band GSM mobile phone.

The C520 has many features that will enhance your mobile experience. From its light weight and reliability, to the built-in camera, we know you will enjoy all the features the C520 has to offer.

The C520 user guide contains important information about using your handset. Please read the manual thoroughly, pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, related to the use of unauthorized components.

**NOTE:** Some information in this User Manual may differ from your phone, depending on your software version and network provider.



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## Pantech C520 at a glance



## Quick & Easy

Key	Function
	Perform the functions shown at the bottom line of the display by using these Soft keys.
	<p>Scroll through the menu options in Menu mode. In standby mode,</p> <p>Left: Access My Stuff menu Right: Access IM menu Up: Access Create Text Message menu Down: Access Contact list menu</p>
	<p>Select a menu function or store user-input information, such as names. Also use this key for confirmation (as the [OK] key).</p> <p>Launch the MEdia Net directly if pressed in standby mode.</p>
	<p>Delete characters from the display, or return to previous menu.</p> <p>Open Calendar view if pressed shortly in standby mode.</p>
	Turn on camera capture mode
	Accessing to message menu.
	<p>Make or receive a call.</p> <p>Show the recent call list in standby mode.</p> <p>Re-dial the last call number if pressed and held in standby mode.</p>
	<p>Complete the current call.</p> <p>Turn on/off the phone if pressed and held.</p> <p>Cancel user input and return to standby mode while in Menu mode.</p>
	Quickly connect to the voice mail server if pressed and held in standby mode.

	<p>Enter or exit from vibrate mode if pressed and held in standby mode.</p> <p>Show the symbol input screen if pressed and held in text input mode.</p> <p>Work in Word search mode if pressed in the Predictive text input mode.</p>
	<p>Enter an international dialling prefix.</p> <p>Enter the space character in text input mode.</p>
	Change various text input modes if pressed and held at the text-editing screen.
	<p>Adjust the earpiece volume while making a call.</p> <p>Control the Ringtone volume, vibrate mode and silent all mode in standby.</p>

# 1. Getting Started

1. Package Contents
2. SIM Card
3. Battery
4. Internal & External Displays
5. Selecting Functions and Options

## 1. Package Contents



Phone



Travel charger



Battery



User's manual

The actual contents may vary depending on your region.

## SIM Card and Battery

### About your SIM card

When you subscribe to your network operator, you receive a SIM (Subscriber Identity Module) card containing your registration information, PIN code, etc.

### About your battery

Your phone uses a Li-Ion battery. Make sure to use an authorized battery and charger only. For more details, please inquire at your nearest dealer.

### To installing/removing SIM card and battery

1. Remove the battery cover from the unit.

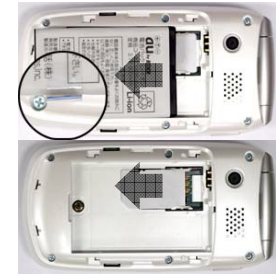


2. Insert the SIM card into the slot. Put the contacts of the battery into the hole located at the bottom of the unit insert and press the upper side of the battery until you hear the "click".



3. To remove the battery pull the tag, it is attached at the battery, and remove.

Push the SIM card in the arrow direction as shown.



4. Fit in the battery upper on the guide rail and push up.



### To charge your battery

1. To charge open the protective cover on the bottom and connect the charger adapter.



2. To remove the adapter connection press the adapter's side buttons(1) and pulling the adapter away(2).



## Battery performance

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	Up to 830 mAh	Up to 250 hours	Up to 3 hours

## 4. LCD Display

Your phone has single display. Icons at the top of the display indicate your phone's status.

### Display Layout



Icon area

Text and graphic area








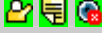
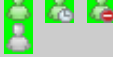




Displays the following information in Standby mode:  
Textural and graphical information showing Network Name, Time and Date, or a Greeting put in by the user.

Soft keys

### Display icons

Depending on your phone's status, the following icons may appear at the top of the display.

Icon(s)	Description	1
	Received signal strength. The greater the number of bars, the stronger the signal.	
	Network searching	
	A call is being made.	
	Your phone is outside the network coverage area; you cannot make or receive calls.	
	You have received one or more voice messages.	
	WAP is connected.	
	You have received one or more text, multimedia or e-mail messages. is displayed if the message memory is full.	
	A GPRS signal is available. is displayed when there is an active GPRS session.	
	A EDGE signal is available. is displayed when there is an active EDGE session.	
	Call-forwarding feature is activated.	
	Alarm is set.	
	Phone is locked.	
	You have set the alert type for incoming call to ring only.	
	You have set the alert type for incoming call to ring ascent (volume increases over the duration of the ring).	
	You have set the alert type for incoming call to ring and vibrate.	
	You have set the alert type for incoming call to vibrate then ring.	
	You have set the alert type for incoming call to silent all.	
	You have set the alert type for incoming call to vibrate, or Vibrate mode is activated.	

	Headset is connected.
	Battery level. The bar indicates the available battery charge. If your battery charge is low,  is displayed.
	A message is being received.
	A message is being sent.
	Speakerphone mode is activated.
	You have received a new browser message. This icon is displayed until the message is loaded.
	Available, Away, Invisible Status of AIM
	Online, Away, Busy, Offline Status of MSN
	Available, Busy, Invisible Status of YAHOO
	This becomes set when Bluetooth function is activated.
	This becomes set when Bluetooth Headset/Handsfree are connected.
	This becomes set while Bluetooth data is being transmitted.

## Automatic display off

If you do not press any key for ten seconds (dependent on the user setting) while the display is dimmed, the internal display turns off automatically to save power. To restore the display, press any key.





## 5. Selecting functions and options

Your phone offers several convenient ways for you to select the phone function you want. You can access all of your phone's functions when the phone is active.

### Selecting functions and options


Your phone offers many phone operating and customization functions arranged in menus and sub-menus.

Each menu and sub-menu allows you to view and change the settings of the particular function.

You access these functions using the left and right selection ("Soft") keys ([] and []).

Soft key functions change depending on the current context. The label or icon in the bottom line of the display, above the Soft keys, shows each key's current function.




***To display the functions and options available, or select the one required:***

1. Press the left or right Soft key as appropriate.
2. To select the function that is displayed or option that is highlighted, press the left Soft key or the [OK] key.
3. To highlight the next or previous option in a list, press the Down or Up scroll key.
4. To move back to the previous function or option in a list, press the [C] key.
5. To return to Standby mode, press the [] key.

**NOTE:** In some functions, you may be asked to enter a password or PIN. Enter the required code then press the [OK] key.

### Side Key Special Functions

The following section describes display screen and easy-to-control sub-menus and their functions.

 Side Up	<ul style="list-style-type: none"><li>- Adjust the earpiece volume during a call.</li><li>- Adjust the ringtone volume and set vibrate mode and silent all mode in standby mode.</li><li>- Mute the ring tone of an incoming call.</li><li>- Reject the incoming call if pressed and held when you receive an incoming call</li></ul>
 Side Down	<ul style="list-style-type: none"><li>- Adjust the earpiece volume during a call.</li><li>- Adjust the ringtone volume and set vibrate mode and silent all mode in standby mode.</li><li>- Mute the ring tone of an incoming call.</li><li>- Reject the incoming call if pressed and held when you receive an incoming call</li></ul>
 Extra Key	<ul style="list-style-type: none"><li>- Turn the camera capture mode on.</li><li>- Work as a camera shutter in the capture mode.</li><li>- Turn Video Mode on if pressed and held.</li></ul>

## 6. Keypad Lock

### To lock the keypad

Keypad lock prevents accidental pressing of the keys.

Press the [Menu] Soft key then select [\*] key.

### To unlock the keypad


Press the [Unlock] Soft key then select [\*] key within 3 seconds to unlock the keypad.

## 2. Basic functions

1. Switching your phone on or off
2. Making and ending a call
3. Answering a call
4. Options during a call
5. Using your headset
6. Using the Speaker Phone
7. Selecting menu functions
8. Entering text

### 1. Switching your phone on or off

#### To switch your phone on


1. Press the [] key until the phone switches on.
2. If you are asked to input your PIN (Personal Identification Number), enter your SIM card's PIN and press the [OK] key. (For further details, see [Security](#) on page 70.)

Your phone starts to search for an available network and the current date and time is shown on the LCD display. Once connected to the network, you can make and receive calls.

**NOTE:** If a malfunction occurs while you use your phone or it is not turned on, remove the battery then insert it again after 5 to 10 seconds.


**NOTE:** To change the language if you are switching on your phone for the first time, select the Language menu option. (For further details, see [Language](#) on page 66.)

#### To switch your phone off

Press and hold the [] key until the power-off animation is displayed.

## 2. Making and ending a call

### To make a call


Enter the area code and phone number from Standby mode, then press the  key.

To clear the last digit displayed, press the [C] key.

To clear the all digits displayed, press and hold the [C] key.

**NOTE:** If you have turned the [Auto Redial] option on (For further details, see Auto Redial on page 66.), your phone will automatically redial up to 10 times when the call connection is failed.


### To end a call

Press the  key in the normal way. To terminate all active calls at the same time while you are in multi-party call, select [Options] and then select [End All Calls].


Once the call is completed, a call summary (displaying the recipient's name or number, and the call length) is displayed.

### To make a call using Call Logs


Your phone logs up to 30 dialed, received and missed call numbers. The last call number is saved in the first position. If you dial the same number more than once, only the latest occurrence is saved.

1. Press the  key to display the Call Logs list of dialed, received or missed call numbers in reverse chronological order.

2. Press the [Up] or [Down] scroll key to select a number.



3. Press the  key to dial the selected number.

(For further details, see 3. Recent Calls on page 43.)


**NOTE:** To redial the last number in the Call Logs list, press and hold the  key.

### To make a call using contact list

You can store frequently used names and phone numbers in your SIM card or your phone's memory.

1. Press the  Navigation Down key to see the **Contact list**.
2. Select a name from the **Contact list**.
3. Press the  key to dial. (For further details, see 8. Address Book on page 60.)

## To make an International call

1. Press and hold the [0] key for the international prefix until the '+' character appears on the display, or type the outgoing national code that follows 011 (if the network supports it).
2. Type the country code, area code, and phone number that you want to call.
3. Press the [] key.

## To speed-dial from Entry

Press and hold the **Speed Dial** number to make a call using the number you have saved. For example, press and hold the [5] key to dial a number which you have saved as "5" in your Speed Dial list.

(For further details, see **Speed Dial** on page 60.)

## To make an emergency call

You can make emergency calls even if your phone does not have a SIM card.

1. Select **Emergency Number**, or press the [SOS] Soft key if your phone does not have a SIM card.
2. Press the [OK] key.



### 3. Answering a call

#### To answer a call

When you receive a call, your phone rings (or vibrates).

If the caller can be identified, the caller's phone number is displayed (or the caller's name, if it is stored in your contact list).

**NOTE:** This function is network and subscription dependent, and may not be available in all areas.



1. To answer a call, press the  key.
2. If your answer type is set to **[Any Key]**, you can answer calls by pressing any key except the  key.

#### To reply to a missed call


If the incoming call could not be answered, a missed call message is shown on your phone's display to remind you of the call you have missed.

**NOTE:** This function is network and subscription dependent, and may not be available in all areas.

To reply to a missed call, do the following.

1. Press the **[View]** Soft key to display the list of missed calls.
2. If necessary, scroll to highlight the number you want by pressing the **[Up]** or **[Down]** scroll key.
3. Press the  key to call the missed call's number.
4. Press the **[C]** key or  key to close the 'missed call' notification message.


#### To reject a call

- Press the  key or the **[Reject]** Soft key.
- Press and hold the **[Up]** or **[Down]** Side key during the incoming call.

The caller hears a 'busy' tone.

#### To answer a second call


You can answer an incoming call while you have a call in progress, if your network service provider supports this service and you have activated the **Call Waiting** option. (For further details, see Call Waiting on page 66.) You will be notified of an incoming call by a 'call waiting' tone.

Press the  key. The first call is automatically put on hold.

#### To switch between two calls

Press the **[Swap]** Soft key.

#### To end the current call

Press the  key. The call on hold is automatically reconnected to you.

## 4. Options during a call

### To adjust the call volume

To adjust the earpiece volume during a call, do one of the following.

- To increase the call volume during a call, press the **[Up]** volume key on the left side of your phone.
- To decrease the call volume during a call, press the **[Down]** volume key on the left side of your phone.
- In Standby mode, adjust the ringtone volume and sets vibrate mode and silent all mode by using the **[Up/Down]** keys.

### To switch your microphone off (Mute) or on (Speak)

You can temporarily switch your phone's microphone off so that the person you talk to on your phone cannot hear you.

For example, you may wish to say something to another person in the room but do not want the person calling to hear you.

#### To switch your phone's microphone off

Press the **[Mute]** Soft key.

#### To switch your phone's microphone back on


Press the **[Unmute]** Soft key.

### To put a call on hold, and return to a held call


You can place the current call on hold whenever you want. You can also

make another call while you have a call in progress if your network supports this service.


#### To put a call on hold

Press the **[Options]** Soft key then select **[Hold]**, or press the  key. The callers name and icon are grayed while the call is on hold.

#### To return to a held call

Press the **[Options]** Soft key then select **[Retrieve]**, or press the  key again.


#### To make a call while you are on a call

1. Enter the phone number that you want to dial or look it up in Address Book entry.
2. Press the  key to dial the second call. The first call is automatically put on hold.

#### To switch between two calls

Press the **[Swap]** Soft key. The current call is put on hold and the held call is reactivated so that you can continue your conversation with the caller.

#### To end a call

Press the  key in the normal way. To terminate all active calls at the same time while you are in multi-party call, select **[Options]** and then select **[End All Calls]**.

## Transferring a call

You can transfer or connect the current call to the held call if your network service provider supports this service, so that callers can talk to each other. You will be disconnected from both of them.

1. During a call, make or answer a call in the normal way then press the **[Options]** Soft key.
2. Press the **[Up]** or **[Down]** scroll key to highlight the **[Transfer]** option then press the **[Select]** Soft key or **[OK]** key.

The two callers will be connected to each other.

## Multi-party calls

A multi-party call feature is a network service that allows up to six people to take part in a multi-party or conference call simultaneously. For further details, contact your service provider.

### To make a multi-party call

1. Call the first participant in the normal way.
2. Call the second participant in the normal way. The first call is automatically put on hold.
3. To join the first participant to a multi-party call, press the **[Options]** Soft key then select the **[Join All]** option.
4. Press the **[OK]** key

### To add a new person to a multi-party call

1. Call the person in the normal way.
2. Press the **[Options]** Soft key then select the **[Join All]** option.

3. Press the **[OK]** key.


### To add a caller to a multi-party call

Press the **[Options]** Soft key then select the **[Join All]** option.

### To view the status of multi-party call participants

Press the **[Left]** or **[Right]** scroll key. An icon indicates whether the remote party is participating in the multi-party call ('Far Multiparty') or on hold ('Far Hold').

### To answer or make a second call during a multi-party call

1. Place the multi-party call on hold by pressing the **[Options]** Soft key then selecting the **[Hold All Calls]** option.
2. Answer or make a call in the normal way.
3. To reactivate the multi-party call on hold, press the **[Options]** Soft key then select the **[Retrieve all calls]** option.
4. To end the multi-party call, press the  key in the normal way.

### To have a private conversation with one participant


1. Press the **[Options]** Soft key then select the **[Private]** option.
2. Press the **[OK]** key.
3. Press the **[Up]** or **[Down]** scroll key to highlight the participant you want then press the **[OK]** key. Now you can talk privately with that person.
4. The other participants can continue the conversation with each other.

5. To return to the multi-party call, press the [Options] Soft key then select the [Join All] option.

6. Press the [OK] key.

All of the multi-party call participants can now hear each other.

### To remove one participant from a multi-party-call

1. Press the [Options] Soft key then select the [Exclude] option.
2. Press the [Up] or [Down] scroll key to highlight the participant then press the [OK] key. The call ends with that participant, but you can continue to talk with the other participants.
3. End the multi-party call by pressing the  key.

### Searching for a number in Address Book during a call

1. Press the [Options] Soft key.
2. If necessary, press the [Up] or [Down] scroll key to highlight the [Contact Search] option.
3. Press the [OK] key.
4. The entries are displayed.

### To search for a name in Address Book

Enter the first letters of the name for Name Search. The entries are displayed starting with the first entry matching your input.

### To find a name manually in Address Book

Press the [Up] or [Down] scroll key.

### To view the highlighted entry in Address Book

Press the [OK] key. (For further details, see 8. Address Book on page 60.)

### Using DTMF tones

You can turn the DTMF key tones off or on during a call.

When the [DTMF Off] option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing any key tones during calls.

To communicate with answering machines or computerized telephone systems, you must select the [DTMF On] option.

### Reading or writing a message during a call

You can read or write a message during a phone call.

1. Press the [Options] Soft key.
  2. Press the [Up] or [Down] scroll key to highlight the [Message] option then press the [OK] key.
- To read a received message, select the **Inbox** menu then scroll to the message that you want to read.
  - To write a new message, select the **Write New** menu then press the [OK] key. (For further details, see **Write New** on page 34.)

**NOTE:** During a call, you can only send text messages. Multimedia messages cannot be sent, but can be saved.

### **Retrieving Call in Headset/Handsfree/Phone**

This function becomes available when Bluetooth Headset/Handsfree are connected during a call. To talk using the Bluetooth Headset/Handsfree during a phone, select [Option] -> [Retrieve Headset] or [Retrieve Handsfree]. On the other hand, selecting . [Option] -> [Retrieve Phone] allows you to talk using the phone again.



## 5. Using your headset

You can send or receive a call using your headset.

When you connect your headset to the jack located at the top of your phone, the button on the headset works as follows:

- While in Standby mode, press the button once to list recent calls.
- While in Standby mode, press the button twice to redial the last call.
- Press the button once to receive a call.
- Press the button once to end the call.
- Press and hold the button to reject the incoming call when you receive an incoming call.


## 6. Using the speaker phone function

To use the speaker phone function during a call, press the **[OK]** key then **[Speaker On]**.

To deactivate the speaker phone function, press the **[OK]** key then **[Speaker Off]**.




## 7. Selecting menu functions

Displaying your phone's menu functions.


To display your phone's menu functions, press the [Menu] Soft key () in Standby mode.

### Moving within your phone's menu and submenu functions

To move within your phone's functions and select the function or value you want, press the following keys.

Key	Function
Soft key 	Go to the main menu in Standby mode.
 navigation key	Move within the main menu. Search for the submenu.
 [OK] key	Go to the sub-menu.











**NOTE:** You can input the menu function number to access the submenu function quickly. For details of the menu tree listing all menu function and sub-function numbers, see 1. Menu Tree on page 74.)

**NOTE:** Press the  key to return to the previous menu.

Type the menu number to access the sub-menu quickly.

### Using the Shortcut Key in Standby Mode

Key	Menu selected if pressed	If pressed and held
-----	--------------------------	---------------------

Soft key 	Display <b>Main Menu</b>	Menu
Soft key 	Display <b>Options menu</b>	
 Right key	Display <b>IM</b>	
 Left key	Display <b>My Stuff</b> menu	
 Up key	Display <b>Write New</b> screen	
 Down key	Display <b>Address Book</b> list	
 OK key	Display <b>WAP</b> browser	
 key	Display <b>Calendar</b> Monthly View	
 key	Display <b>Recent Calls</b>	Redial last call
 key	Photo capture mode	Video capture mode
[ 1 ] key		Connect to the voice-mail server
[ * ] key		Enter or exit from Vibrate mode

## 8. Entering text

### Input mode

On many occasions you need to input text in your phone such as: storing the name in your Address Book, writing a new message, creating a greeting, or scheduling events on your calendar.

You can select from the following methods (modes) of inputting text in your phone.

#### T9 mode

You can input a letter using only one keystroke per letter.

The keypad has more than one letter on it – when you press the [5] key once, J, K or L may be displayed.

The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the conventional ABC mode (see below).

#### ABC mode

In this mode, you input the letter you want by pressing the keypad once to select the first letter on the key, twice to select the second letter on the key, three times to select the third letter on the key and so on until the letter you want appears.

#### 123 mode

You can input numbers in this mode.

#### Symbol mode

You can input special characters like Greek letters, currency units, or a period mark in this mode.

#### My Words

Manage the words that you have added to the dictionary. You can edit and delete the words.

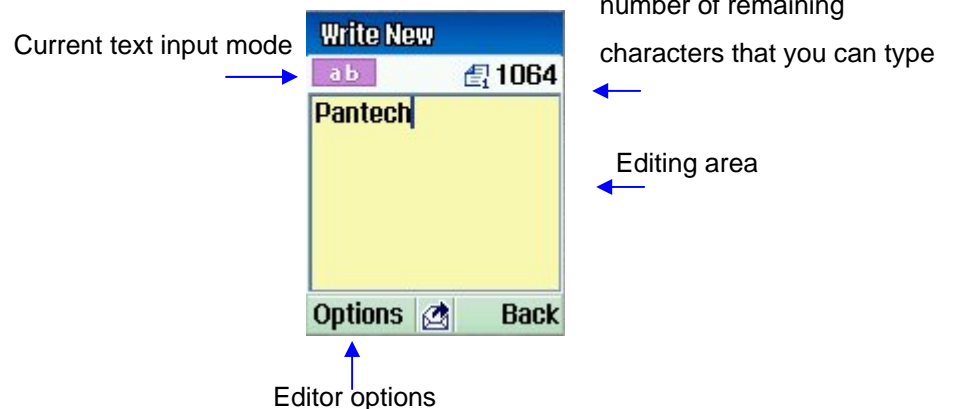
#### Spell

Edit the suggested word by using text input (ABC, 123 or Symbol mode) for T9 Text Input only.

### To change text input mode

When you are in an area where you can input text, the text input mode indicator is displayed at the top of your screen.

Example: Typing a Text Message.



1. Press the **[Options]** Soft key.
2. Press the **[Up/Down]** key to highlight the **[Input Mode]** option then press the **[OK]** key.
3. Press the **[Up/Down]** key to highlight the mode you want to use then press the **[OK]** key.

### To insert a space

To insert a space between words, press the **[0]** key.

To insert a space at the end of a line, press the **[Right]** scroll key to add a new space character.

### Scrolling

To move the cursor to the left or right within the text, press the **[Left/Right]** scroll key. And also, to move the cursor to the up or down among the lines, press the **[Up/Down]** scroll key.

**NOTE:** By pressing the **[Up/Down]** scroll key, the cursor can be moved very quickly to the beginning or the end of the text.

### Clearing letters and words

To clear the letter to the left of the cursor, press the **[C]** key.

To clear all of the letters in the editor box, press and hold the **[C]** key.

### Returning to the previous screen

Press the **[Back]** Soft key to return to the previous screen.

If the text input field is empty, press the **[C]** key to return to the previous screen.

**Tip:** Use the following procedures to change the text input mode quickly in English mode (the Alphabet or Predictive mode):

Key	Function
Press and hold the <b>[*]</b> key	Display the symbol screen. Return to the previous screen in Symbol mode.
Press the <b>[0]</b> key	Enter a space character.
Press the <b>[C]</b> key	Delete characters one by one. After deleting all the characters, return to the previous screen.
Press and hold the <b>[C]</b> key	Delete all the characters and move the cursor to the beginning of the input screen.
Press and hold the <b>[#]</b> key	Change the text input mode. Multi-Tab -> T9 -> Numeric -> Symbol mode.

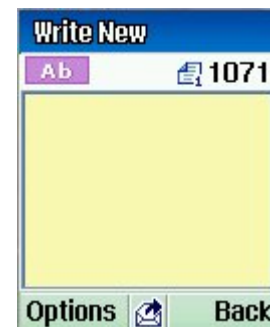
## Using T9 mode



In the T9 alphabet editor, the word is composed completely as you enter the text.

1. Press the keys numbered [2] to [9] to input text. For example, press [4][3][5][5][6] in sequence to input 'hello'. The word you are typing appears on the display. It may likely change with each key you press.
2. Enter the whole word before editing or deleting any keystrokes.
3. Upon searching a word, input the next text.
4. If the search fails, press [✖] key to search which text can be typed in. Your phone displays the most commonly used choices first.
5. Continue entering the next word.

## Using ABC mode



When typing in ABC mode, press the key labeled with the target letter once for the first letter; press it twice for the second letter, and so on.

Example: To display the letter “C”, quickly press the [2] key three times. To display the letter “K”, press the [5] key twice. This method is called Multi-tab typing.

**NOTE:** The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just press the [Right] scroll key or wait a few seconds for the cursor to move to the right automatically, and then enter the next letter.

Refer to the table below for more information about the characters available. The characters vary depending on the text input language.

## Changing case

To change the case of the next letter that you type, press the [#] key.

There are three cases:

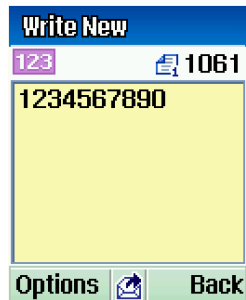
- Lowercase ( **ab** or **T9ab** )
- Initial capital ( **Ab** or **T9Ab** )

- Capital lock ( **AB** or **79AB** )

[English]

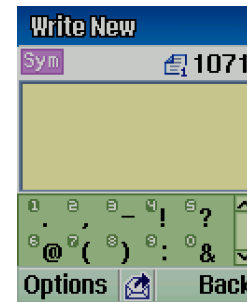
Key	Characters, in displayed order
1	. , - ? ! ' @ : 1
2	a b c 2
3	d e f 3
4	g h i 4
5	j k l 5
6	m n o 6
7	p q r s 7
8	t u v 8
9	w x y z 9
0	Space 0

## Using 123 mode



Use the 123 mode to type numbers into the text. Press the key that corresponds to the digit that you want to type.

## Using Symbol mode



The symbol mode allows you to enter symbols into your text.

To display more symbols, press the **[Up]** or **[Down]** scroll key.

To input a symbol, press the number for a symbol, and the symbol appears in the input screen.

## 3. Applications

1. Email & IM
2. Messaging
3. Recent Calls
4. MEdia Net
5. AT&T Mall
6. Games & Apps
7. My Stuff
8. Address Book
9. Settings

See the appendix for information about the menu tree.

### 1. Email & IM

#### Mobile Email

The phone can receive Email from the service provider.

Press [**Menu**] Soft key, select **1. Email & IM**, and then select **1. Mobile Email**, where the number of unread Emails is shown.

When you are in the list of Emails, press the [**Options**] key to select from the following functions.

- **Delete**: Delete a message.
- **Delete All**: Delete all the messages in Inbox.
- **Ok**: Show the information for the selected message.

In addition you can press the [**Go to**] key to connect to the appropriate WAP page.

#### IM

Use Instant Messenger (IM) to send and receive short, simple messages that are delivered immediately.

#### Starting Instant Messenger

1. Press [**Menu**] Soft key, select **1. Email & IM**, and then select **2.IM**.
2. Highlight your established IM application and press the [**Select**] Soft key or the [**OK**] key.
3. Type your **Logon ID** and your **Password** and then select **Sign On**.
4. Select the person you want to talk to.
5. Start your conversation.

## Viewing the Conversation Log

You can view the log of your conversations in the **Instant Messenger Saved History**.



## 2. Messaging

This function allows you to create, send, read and save a message using the Short Message Service (SMS: text messages), Multimedia Message Service (MMS: messages supporting presentation of various media types, such as full color images polyphonic ring tones , and videos) provided by your network operator, or an e-mail service.

Voice mails are also available.

Press the [Menu] Soft key and then select **2.Messaging**.

**NOTE:** These features are available only if your service provider's network supports it. Contact your service provider for more information.

### Text Message

Short message service (SMS) allows you to send and receive a short text message to and from other phones.

### Multimedia Message

Multimedia Message Service (MMS) is a messaging service similar to Short Message Service (SMS). It provides asynchronous delivery of personal multimedia messages.


In addition to the familiar text content of text messages, multimedia messages can contain images, graphics, video, and/or sound.

An MMS message is a separate multimedia presentation in a single entry, not an attachment to the text file.



Using the MMS feature, your phone can receive a multimedia message and/or send a picture message, depending on MMS availability from your

service provider. Only phones that support the multimedia message feature can receive or display the multimedia messages.


### Receiving a new message

When you receive a new message, the popup dialog box displays the number of unread messages and the number of total messages with the New Message icon () in the icon area of the LCD display. You also hear an alert, depending on the message sound setting.

To read the new message(s) immediately, press the [View] Soft key or the [OK] key.

**NOTE:** To clear the new message notification on the display, press the [Exit] Soft key, the [] key, or the [] key.

### Managing memory

The Inbox, Outbox, Drafts, Sent, and Templates share a given amount of memory on the phone. In the Inbox, text messages (SMS) can be saved on the phone or the SIM, depending on the Text Message settings. When "Save to" in the Text Message settings is set to SIM, received messages are saved in the phone memory if the SIM capacity is full. Also, even if "Save to" in the Text Message settings is set to Phone, received messages are saved in the SIM if the memory capacity is full. When using the mailboxes, up to 200 received messages can be saved to the phone memory. The Inbox can use the SIM memory. Only the Inbox can use the SIM memory to store text messages (SMS). When you try to save more than 200 messages in the mailboxes, a full icon () appears. When a full

icon appears, you cannot receive any new messages. You must delete one or more of the old messages in order to make memory available for the new messages. Use the **[Delete]** option within the each mailbox, or use the **[Delete All]** option to delete all the messages.

**NOTE:** If “Auto delete” set as On, with the inbox full, when handset receives new message, it deletes the oldest read message and saves the new message instead.

- **Write New:** Write a multimedia message (MMS) or a text message (SMS)
- **Inbox:** Display the received messages in the SIM and Phone memory. You can save up to 200 messages in the phone memory and more messages are received only if the SIM capacity is available. The “10” in **[10/20]** represents the number of unread messages, whereas the “20” represents the number of saved messages in the **Inbox**.
- **Sent:** Display the stored messages in the phone memory that were sent. This depends on the settings for Save Messages.
- **Outbox:** Display the list of stored messages that have not been sent.
- **Draft:** Display the list of stored messages that were not completed and stored as Draft. You can save up to 30 messages in Draft.
- **Voice mail:** Access the voice mailbox provided by your network service provider
- **Templates:** Display your saved templates.
- **Settings:** Set up the environment for messages.
- **Memory Info:** Display the used/free space of the SIM or phone memory.


## Write New

Press **[Menu]** Soft key, select **2. Messaging**, select **1. Write New**, and then press the **[OK]** key.

Select the type of message you want to write.

- **Text Message:** Write new SMS message.
- **Multimedia Message:** Write new MMS message.

## Text Message

1. Creating a Text Message. At the top of the display, the number of remaining characters appears and you can see the  icon.
2. While you are entering a text message, press the **[Options]** Soft key (**[—]**) for more editing options. Use **[Up]** or **[Down]** scroll key to select an item and press the **[OK]** key.
  - **Add template:** Obtain a template.
  - **Add Subject:** Add the message subject.
  - **Save:** Save messages in the phone memory.
  - **Input Mode:** Change the mode used to input data into your message, such as text, numbers, and symbols.
  - **My words:** Manage the words that you have added to the dictionary You can edit and delete the words (For more information about My Word, see My Words on page 27)
  - **Language:** Select English, Spanish or French.
3. After you have created the message, press the **[OK]** key to send the message. If you want to send a Text Message to a new number that is not stored, press the **[Up]** scroll key to move to **Add Contact** and then just enter the number (**Add Contact** is only for entering numbers that

are not searched).

If you want to search for a stored name, enter the name using the keypad.

You can also add numbers from **Call Log**. To find the **Call Log** menu, press the **[Options]** Soft key.

- **Call Log**: Show the recent calls
- **Edit**: Edit the selected address.
- **Delete**: Delete the selected address.

**NOTE:** When you select an address that is not stored in Contact List, Edit and Delete menu appear.

After selecting the correct number, press the **[Mark]** Soft key to check it. When you have finished entering the recipient information, press the **[OK]** key.

## Multimedia Message

1. When **[Write New]** page displays, press the **[Options]** Soft key to use the following **[Editor Options]**.

- **Add Object**: Add an image, sound, other files and slide objects.
- **Preview**: Show the message as it appears on the recipient's phone, and you can return to the Editor to press the **[Back]** soft key.
- **Add Template**: Add a text or multimedia message template. This feature is only available when no item is in the slide. With more than one slide, **Add Template** is not available.
- **Add Subject**: Add the message subject.

- **Input Mode**: Change the mode used to input data into your message, such as text, numbers, and symbols.
- **My words**: Manage the words that you have added to the dictionary You can edit and delete the words (For more information about My Word, see My Words on page 27)
- **Language**: Selects English, Spanish or French.
- **Setting**: The user can only change the setting for the message which is in the process of being written. The setting for **Slide Timing**, **Page Layout** and **Priority** can only be set while a message is being written. However, **Delivery Reports** and **Read Reports** setting can also be set by pressing **2.Messaging**, select **10.Settings**, and then select **2.Multimedia Message**.
  - **Slide Timing**: Set how long the received message is displayed for. The display automatically scrolls to the next slide page after the specified time.
  - **Page Layout**: Arrange the image and text display position in the slide page. You can set **Image at Top** or **Text at Top**.
  - **Delivery Reports**: When this option is set to **[On]**, the network informs you whether or not your message has been delivered successfully (This is network dependent).
  - **Read Reports**: When this option is set to **[On]**, the recipient's phone sends a reply to let you know when your message has been read. (if your carrier's network supports this functionality)
  - **Priority**: Set **Normal**, **High**, or **Low**.

- **Save as Draft:** Saves messages in the Draft folder.
2. When **[Write New]** page displays, press the **[Add]** Soft key to add an objects.
- **Add Image:** Adds the photo or the downloaded image. Press the **[OK]** key to select the sub-menu.
    - **Take a Photo:** Create a new photo.
    - **Take a Video:** Creates a new video.
    - **Photo Album:** Already saved photo.
    - **Video Album:** Already saved video
    - **Graphics:** Downloaded image.  
(For further details, see **Graphics** on page 50.)
  - **Add Sound:** Add the voice memo or the downloaded sound. Press the **[OK]** key to select the sub-menu.
    - **New Voice Memo:** Create a new recording memo.
    - **Voice Memo:** Already recorded sound.
    - **Audio:** Downloaded sound.  
(For further details, see **Audio** on page 50.)
  - **Add Other files:** Add the other file in the Other Files folder.
  - **Add Slide:** Add a new slide.
- NOTE:** After you add the text, the image or the sound, the **Add Slide** menu appears if you press the **[Add]** Soft key. To move to a different slide, press the **[Right]** or **[Left]** scroll key.
3. After writing the message, press the **[OK]** key. And then press the **[Options]** Soft key to use the following **Editor Options**.

- **Add Object:** Add an image, sound, other files and slide objects.
  - **Preview:** Show the message as it appears on the recipient's phone, and you can return to the Editor to press the **[Back]** soft key.
  - **Delete Text/Image/Sound:** Delete the selected text, image, or sound from the slide page.
  - **Delete Slide:** Delete the selected slide.
- NOTE:** When more than one slide exists, this menu appears.
- **Edit Subject:** Edit the subject.
  - **Setting:** The user can only change the setting for the message which is in the process of being written regardless of the global settings. To find those settings, press **[Menu]** Soft key select **2.Messaging**, select **10.Settings**, and then select **2.Multimedia Message**.
    - **Slide Timing:** Set how long the received message is displayed. The display automatically scrolls to the next slide page after the specified time.
    - **Page Layout:** Arrange the image and text display position in the slide page. You can set **Image at Top** or **Text at Top**.
    - **Delivery Reports:** When this option is set to **[On]**, the network informs you whether or not your message has been delivered successfully (This is network dependent).
    - **Read Reports:** When this option is set to **[On]**, the recipient's phone sends a reply to let you know when your message has been read if your carrier's network

supports this functionality.

- **Priority:** Set **Normal**, **High**, or **Low**.
  - **Save as Draft:** Saves messages in the phone memory.
4. After writing the message, if the user wants to change the already added object, press the **[Up]** or **[Down]** scroll key to move to the already added object and press the **[Options]** or **[Edit]** Soft key. This key is automatically linked to editing text, or replacing image or sound.
- **Edit:** Edit text
  - **Replace Image:** Replace the selected image/photo with a different selected image from the sub-menu.
    - **Take a Photo:** Create a new photo
    - **Photo Album:** Already saved photo
    - **Graphics:** Downloaded image
  - **Replace Sound:** Replace the selected sound with a different selected sound from the sub-menu.
    - **New Voice Memo:** Create a new recording memo
    - **Voice Memo:** Already recorded sound
    - **Audio:** Downloaded sound
5. When you have finished creating the message, press the **[OK]** key to send the message. If you want to send a Multimedia Message to a new number or an e-mail address that is not stored, press the **[Up]** key to move to **Add Contact**, and then just enter the number or e-mail address (**Add Contact** is only for entering numbers or e-mail addresses that are not searched).
- If you want to search for a stored name, enter the name using the keypad.

You can also add numbers from **Call Log**. To find the **Call Log** menu, press the **[Options]** Soft key.

- **Call Log:** Show the recent calls
- **Cc (Carbon copy):** Send the message to both the recipient and a third party in Address Book Entry.
- **Bcc (Blind carbon copy):** Send the message to a third party but does not notify the other recipients in Address Book Entry.
- **Edit:** Edit the selected address.
- **Delete:** Delete the selected address.

**NOTE:** When you select an address that is not stored in Contact List, Edit and Delete menu appear.

After selecting the correct number, press the **[Mark]** Soft key to check it.

When you have finished entering the recipient information, press the **[OK]** key.

**NOTE:** To send a text message or MMS message to someone not in your phonebook, enter the phone number at the idle screen and select the right soft key and then select type of message.

**NOTE:** If the size of the Multimedia Message exceeds the transmission limit (600 Kb), a warning information message will appear. It is automatically saved in the Sent folder if transmission is successful.

## Inbox

Press the **[Menu]** Soft key, select **2.Messaging**, select **2.Inbox**, and press the **[OK]** key to display the received messages one by one. To write a new message, press the **[Reply]** Soft key at the lower-right corner.












You can receive a multimedia message notification through the network and

read only the downloaded multimedia message.

You can also receive a text message and voice mail.

In case of a text messages, if available in the **Address Book**, the sender's name and initial text appears with the list of messages. In the case of multimedia messages, the list of messages appears with the sender phone number or name and the message subject.

According to message type, the list of messages shows the following icons:

-  Unread text message in the SIM
-  Read text message in the SIM
-  Unread text message in the phone
-  Read text message in the phone
-  Unread multimedia message
-  Unread priority low multimedia message
-  Unread priority high multimedia message
-  Read multimedia message
-  Read priority low multimedia message
-  Read priority high multimedia message
-  Multimedia Notification message

1. Select the [**Options**] Soft key on the bottom of the message list to select one of the following options.
  - **Callback**: Call to the message sender.
  - **Delete**: Delete the selected message.
  - **Delete All**: Delete all messages in the Inbox.

- **Delete All Read Messages**: Delete only read messages in the Inbox.
- **Forward**: Send the received message to another recipient.
- **Move to Phone (SIM)**: Save the message in the phone memory (in the SIM) if the message is saved in the phone (in the SIM). Only text message is available. This option might not be available depending on your SIM card.
- **Reply All**: Reply to the message sender and the 3<sup>rd</sup> party who received the message. (Shown only on the Multimedia Message.)

2. Select the [**Reply**] Soft key on the bottom of the message list to select the following option.
  - **Reply**: Reply to the message sender.
3. Select the [**Options**] Soft key on the bottom of the message view to select one of the following options.
  - **Callback**: Call the message sender.
  - **Delete**: Delete the selected message.
  - **Save Objects**: Extract an object from the multimedia message. You can save it in one of the categories in My Stuff. (Shown only on the multimedia message.)
  - **Save Numbers & E-mail**: Extract a number & e-mail from the message text. You can save it as an **Address Book** entry. Press the [**OK**] key, or the [**Options**] Soft key
    - **Save New**: Create a new entry.
    - **Add to Old**: Add to the existing entry and save the entry

- **Call back:** you can call the person that number.
  - **Send Message:** Send a message to a selected recipient.
  - **Save URLs:** Extract a URL address from the message text.  
You can save it as a MEdia Net bookmark and connect to the URL.
  - **Save as Templates:** Save the message as Template message to use it after. (Shown only on the Multimedia Message.)
  - **Forward:** Send the received message to another recipient.
  - **Details:** Display the detail information for the message.
  - **Reply All:** Reply to the message sender and the 3<sup>rd</sup> party who received the message. (Shown only on the Multimedia Message.)
4. Select the [**Reply**] Soft key on the bottom of the message view to select the following function. with
- **Reply:** Reply to the message sender.

## Sent

**Sent** saves all messages sent from your phone.

Press [**Menu**] Soft key, select **2.Messaging**, and then select **3.Sent**.

The icons below indicate the status of the SMS message saved in Sent:



Sent SMS message (normal)

The icons below indicate the status of the MMS message saved in Sent:



Sent MMS message (normal)



Delivered MMS message



Read MMS message



Deleted MMS message without Read

## To manage messages in Sent:

1. Press the [**Edit**] Soft key at the bottom right corner to edit and send a Sent message using the recipient's number.
2. Select the [**Options**] Soft key on the bottom of the message list to select one of the following functions.
  - **Forward:** Send the Sent message to another recipient.
  - **Delete:** Delete the selected message.
  - **Delete All:** Delete all messages in **Sent**.

## Outbox

**Outbox** contains all messages you have not yet sent.

Press [**Menu**] Soft key, select **2.Messaging**, select **4.Outbox**, and press the [**OK**] key.

## To manage messages in Outbox:

1. Press the [**Send**] Soft key ([ — ]) at the bottom right corner to send the failed message again.
2. Press the [**Options**] Soft key ([ — ]) at the bottom left corner to select the following functions.
  - **Delete:** Delete the message.
  - **Delete All:** Delete all messages in the Outbox.
  - **Edit:** Edit and sends an unsent message using the recipient's


number.

## Draft

**Draft** contains all the messages you have edited and saved.

Press [**Menu**] Soft key, select **2.Messaging**, select **5.Draft**, and press the [**OK**] key.

### To manage messages in Draft:

Press the [**Options**] Soft key ([) at the bottom left corner to select the following functions.

- **Delete**: Delete the message.
- **Delete All**: Delete all messages in **Draft**.

## Voice Mail

If you are busy or cannot answer when someone calls, you can refer the caller to a voice-mail message service. After the caller leaves a message, the voice mail service indicates that a message is available.

Press the [**Menu**] Soft key, select **2. Messaging**, select **6.Voice Mail**, and press the [**OK**] key. You can listen to the voicemail by calling the voice-mail center.

## Templates

A template contains a block of text for quick insertion into text messages and multimedia messages.

Press the [**Menu**] Soft key, select **2.Messaging**, and then select **7.Templates**.

**Templates** contain some preloaded & user created templates.

1. Select a text or a multimedia template and press the [**Options**] Soft key at the left for associated options.

### User created Templates:

- **Create New**: Make a new template. Not available if the template space is full.
- **Delete**: Delete a template you have defined.
- **Delete all**: Delete all messages in the templates box.
- **Edit**: Edit the selected template.

### Preloaded Templates:

You cannot edit or delete a preloaded template.

- **Create New**: Make a new template. Not available if the template space is full.
- **Send Text Message**: Send a text message with the selected template.
- **Send Multimedia Msg.:** Send a multimedia message with the selected template.

2. Select a message and press the [**Send**] Soft key to send the selected template. The [**Send**] Soft key is shown only on the user created template.

## Settings

Before you can send or receive messages using your phone, you must configure their settings first. This information is normally pre-populated in the phone by your service provider.

Press the [Menu] Soft key, select **2.Messaging**, and then select **8.Settings**.

### Common Settings

Select [Menu], select **2.Messaging**, select **8.Settings**, select **1.Common Settings**, and press the [OK] key.

**To set up common message settings, use the following functions:**

- **Default Edit Mode:** Set in Alphabet mode (Multi-tab mode) or Predictive mode (T9 mode).
- **Save Messages:** If set as On, the sent message will be stored in the [Sent].
- **Auto Delete Read Message:** If setting is on and the inbox is full, handset deletes the oldest read message and saves the new message when it receives a new message.

### Text Message

Press the [Menu] Soft key, select **2.Messaging**, select **8.Settings**, select **2.Text Message**, and press the [OK] key.

**To set up default Text Message information, use the following functions:**

- **Message Center:** Store or change the number of your message center that is required when sending a message.

- **E-mail Gateway:** Store or change the number of your e-mail gateway required when sending an e-mail.
- **Save to:** Set the text message storage to SIM or phone. This option might not be available depending on your SIM card.

### Multimedia Message

Press the [Menu] Soft key, select **2.Messaging**, select **8.Settings**, select **3. Multimedia Message**, and press the [OK] key.

**To set up default Multimedia Message information, use the following functions:**

- **Message Center:** Store or change the address of your message center that is required when sending a message.
- **WAP Profiles:** Set up WAP profile settings for multimedia message.
- **Delivery Reports:** When this option is set to [On], the network informs you whether or not your message has been delivered successfully.
- **Read Report:** When this option is set to [On], the recipient's phone sends a reply to let you know when your message has been read.
- **Message Lifetime:** Set the duration of time your message is stored at the message center while attempting to deliver it. You can select one of **1 Hour, 2 Hours, 6 Hours, 1 Day, 2 Days, 1 Week, 4 Weeks, 6 Months**, or **Maximum**.

### Voice Mail


Press the [Menu] Soft key, select **2.Messaging**, select **8.Settings**, select **4.Voice Mail**, and press the [OK] key.

This number is normally pre-populated by your carrier during the activation

process.

## Browser Message

Press the [Menu] Soft key, select **2.Messaging**, select **8.Settings**, select **5.Browser Message**, and press the [OK] key.

- **Receive:** Set up browser message receiving. The  icon displays when the user receives a new message.

### *When the user receives an SI (Service Indication) message*

- **Prompt/On**
  1. Press the [Options] Soft key on the Browser Message Alerting screen.
    - **View:** View a SI(Service Indication) message
    - **Go To URL:** Enter the browser.
    - **Delete:** Delete the received message.
- **Off**
  - Do not accept messages

### *When the user receives an SL (Service Load) message*

- **Prompt**

On the Browser Message Alerting screen,

  - **Accept:** it attempts a connection with the corresponding URL.
  - **Close:** Close the Browser Message Alerting screen. The message is placed in the inbox.
- **On**

When the user receives a message, it attempts an automatic connection with the corresponding URL. Only an alert occurs.

- **Off**

Do not accept messages

## Memory Info

This function displays the amount of used and available memory on your phone and SIM.

Press the [Menu] Soft key, select **2.Messaging**, and then select **9.Memory Info** to display the free text message and multimedia message memory space.

### 3. Recent Calls

This function displays missed calls, received calls, and dialed calls. You can delete a call log and see the information for the Call Time and GPRS info in this menu.

Press the [ ] key to see the recent calls in Standby mode or select the [Menu] Soft key and then select **3.Recent Calls**.

**NOTE:** If **Address Book Entry** contains the phone number that you want to dial, the name displays. Alternatively, the phone number, date, and time displays on the screen.

Press the [ ] key when the cursor is placed on the number or name to dial the number.

#### Missed Calls

This function displays the missed calls list showing the time and date of missed calls as well as the number or name of the caller.

Press the [Menu] Soft key, select **3.Recent Calls**, and then select **1.Missed Calls**.

Press the [Up] or [Down] scroll key to select the missed call.

To manage your missed calls, press the [Options] Soft key ([ ]) to select from the following functions.

- **Call:** Call the selected number.
- **Save Number:** If the selected number is not saved on the SIM or the phone, this option appears. Saves the selected number to the SIM or

the phone.

- **Delete:** Delete the selected number.
- **Delete All:** Delete all missed call records from the list.

Press the [Message] Soft key ([ ]) to send a message to the person whose call you missed.

#### Received Calls

This function displays the received call list showing the time and date of a received call as well as the number or name of the caller.

Press the [Menu] Soft key, select **3.Recent Calls**, and then select **2.Received Calls**.

Press the [Up] or [Down] scroll key to select the received call.

To manage your received calls, press the [Options] Soft key ([ ]) to select from the following functions.

- **Call:** Call the selected number.
- **Save Number:** If the selected number is not saved on the SIM or the phone, this option appears. Save the selected number to the SIM or the phone.
- **Delete:** Delete the selected number.
- **Delete All:** Delete all received call records from the list.


Press the [Message] Soft key ([ ]) to send a message to the person who called you.

## Dialed Calls


This function displays the dialed calls list showing the time and date of dialed calls as well as the number or name of the recipient.

Press the [**Menu**] Soft key, select **3.Recent Calls**, and then select **3.Dialed Calls**.

Press the [**Up**] or [**Down**] scroll key to select a dialed call.

To manage your dialed calls, press the [**Options**] Soft key ([]) to select from the following functions.

- **Call**: Call the selected number.
- **Save Number**: If the selected number is not saved on the SIM or the phone, this option appears. Save the selected number to the SIM or the phone.
- **Delete**: Delete selected number.
- **Delete All**: Delete all the dialed call records from the list.

Press the [**Message**] Soft key ([]) to send a message to the person if you missed the call.

## Delete Call Logs

This function allows you to choose to delete all missed, received, or dialed call records or delete all call records.

Press the [**Menu**] Soft key, select **3.Recent Calls**, and then select **4.Delete Call Logs**.

Select **All Calls** to delete all the call records. Press [**Yes**] or [**No**] to confirm that you want to execute or cancel this function.

**NOTE:** If no logs exist, the message “List Empty” appears.

## Call Time

This function displays information on call times.

Press the [**Menu**] Soft key, select **3.Recent Calls**, and then select **5.Call Time**. The following information is displayed.

- **Last Call**: Display date and time.
- **Received, Dialed and Total Calls**: Display the received, dialed or total call time.
- **Reset Call Times**: Reset the call timer. To confirm the resetting of all call times, input your phone’s password then press the [**OK**] key.

## GPRS Info

This function displays the following information on the volume of GPRS data transmitted.

Press the [**Menu**] Soft key, select **3.Recent Calls**, and then select **6.GPRS Info**.

- **Current Info.:** Display the total volume of GPRS data transmitted in the current session, in Kbytes.
- **Last Info.:** Display the total volume of GPRS data transmitted in previous sessions, in Kbytes.
- **Total Info.:** Display the total volume of GPRS data transmitted and received, in Kbytes.
- **Clear Logs**: Clear the logs recording how much GPRS data you have transmitted.

## 4. MEdia Net

### MEdia Net Home

You can access the Internet with MEdia Net.

This means you can connect to the Internet anywhere and anytime you have network coverage.

This function contacts your network to load your Wireless Web service provider's homepage. You can also press the **[OK]** key in standby mode.

Press the **[Menu]** Soft key, select **4.MEdia Net**, and then select **1.MEdia Net Home**.

The context of the MEdia Net startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the **[Up]** or **[Down]** scroll key.

### OTA Settings Service

#### WAP/ OTA Provisioning

In order to use the MEdia Net, you need to have the correct connection settings on your phone. You can add or edit the WAP Profile manually, or receive its settings information as a type of configuration message from an operator or a service provider. If you receive the settings information from an operator or service provider, it will automatically store the WAP setting information on the phone.

Note that you need to follow some on-screen steps to save and activate the settings.

### Bookmarks

This function allows you to bookmark an Internet address using the **MEdia Net** just as you do with a PC Internet browser.

1. Press the **[Menu]** Soft key, select **4.MEdia Net**, and then select **2.Bookmarks**
2. To register a URL and name in the closest empty number of the Bookmark List, press the **[Add]** Soft key on the left.

To manage existing bookmarks, select the bookmark then press the **[Options]** Soft key (**[—]**) to select from the following functions.

- **Add:** Add the URL and name of a bookmark.
- **Delete:** Delete a bookmark from the list.
- **Delete all:** Delete all bookmarks which except the default bookmarks from the list.
- **Send Message:** Send a currently selected bookmark via SMS.

**NOTE:** You cannot use the **[Edit]** and **[Delete]**, **[Delete All]** options for default bookmarks.

3. Press the **[OK]** key to go to the related site.

### Go to URL

This function allows you to directly input the address of a URL and connect to it.

1. Press the **[Menu]** Soft key, select **4.MEdia Net**, and then select **3.Go To URL**.

2. Input the URL you want to go to, then press the **[OK]** key.

## Profiles

This function selects or edits WAP connection profiles on your phone.

**NOTE:** The settings for your WAP service are already entered as required by your service provider. You cannot modify these default profiles.

**NOTE:** Creating or editing a profile requires care. The browser cannot connect to the Internet if the profile information is not correct.

Your phone is compatible with OTA (Over The Air) messages. These are used by service providers to send connection details directly to your phone. Please ask your service provider for details of this service.

1. Press the **[Menu]** Soft key, select **4.MEdia Net**, and then select **4.Profiles**.
2. To select a profile, highlight it in the Profile List then press the **[OK]** key. You cannot select Unedited Profile.

To edit a profile, select it in the Profile List then press the **[Edit]** Soft key to select from the following functions.

- **Profile Name:** Press the **[OK]** key to change the profile name.
- **Home URL:** Press the **[OK]** key to edit the Homepage URL provided by your service provider.
- **Connection Type:** Select either **WAP** or **HTTP**.
- **Proxy IP :** If you set the Connection Type to **HTTP**, **Proxy IP** is displayed. Press the **[OK]** key to edit Proxy IP address.
- **Proxy Port :** If you set the Connection Type to **HTTP**, **Proxy Port** is displayed. Press the **[OK]** key to edit Proxy Port.

- **Proxy Login ID :** If you set the Connection Type to **HTTP**, **Proxy Login ID** is displayed. Press the **[OK]** key to input the appropriate login ID.
- **Proxy Password :** If you set the Connection Type to **HTTP**, **Proxy Password** is displayed. Press the **[OK]** key to input the appropriate password.
- **Gateway IP :** If you set the Connection Type to **WAP**, **Gateway IP** is displayed. Press the **[OK]** key to edit Gateway IP address.
- **Gateway Port :** If you set the Connection Type to **WAP**, **Gateway Port** is displayed. Press the **[OK]** key to edit Gateway Port.
- **Gateway Login ID :** If you set the Connection Type to **WAP**, **Gateway Login ID** is displayed. Press the **[OK]** key to input the appropriate login ID.
- **Gateway Password :** If you set the Connection Type to **WAP**, **Gateway Password** is displayed. Press the **[OK]** key to input the appropriate password.
- **Bearer:** Display the bearer type of network access.
- **Reset Profile:** Press the **[OK]** key to reset the settings of the selected profile. Press the Left or Right scroll key to select **Yes** or **No**.

**NOTE:** You cannot delete a default profile.

## Options

Press the **[Menu]** Soft key, select **4.MEdia Net**, and then select **5.Options**.

## Clear Cache

This function clears all data stored in the cache (recently visited WAP pages).

Press the [Menu] Soft key, select **4.MEdia Net**, select **5.Options**, and then select **1.Clear Cache**.

## Clear Cookies

This function clears all data stored in the Cookies.

Press the [Menu] Soft key, select **4.MEdia Net**, select **5.Options**, and then select **2.Clear Cookies**.

## Clear Authorization

This function clears all data about authorization information.

Press the [Menu] Soft key, select **4.MEdia Net**, select **5.Options**, and then select **3.Clear Authorization**.

## Security

This function shows a list of the available certificates.

Press the [Menu] Soft key, select **4.MEdia Net**, and then select **6.Security**.

- **1. Certificates**: Show a list of the available certificates. Press the [OK] key to view details about the connection, encryption status, and information about server and user authentication.
- **2. Warning**: Hide or show security notifications.

## Version

This function displays the software version of your phone's WAP browser.

Press the [Menu] Soft key, select **4.MEdia Net**, then select **7.Version**.

## 5. AT&T Mall

### Shop Tones

Selecting this menu launches the Web browser to AT&T's Tones menu.  
Press the [Menu] Soft key, select **5. AT&T Mall**, and then select **1. Shop Tones**.

### Shop Games

Selecting this menu launches the Web browser to AT&T's Game menu.  
Press the [Menu] Soft key, select **5. AT&T Mall**, and then select **2. Shop Games**.

### Shop Graphics

Selecting this menu launches the Web browser to AT&T's Graphics.  
Press the [Menu] Soft key, select **5. AT&T Mall**, and then select **3. Shop Graphics**.

### Shop Multimedia

Selecting this menu launches the Web browser to AT&T's **Multimedia** menu.  
Press the [Menu] Soft key, select **5. AT&T Mall**, and then select **4. Shop Multimedia**.

### Shop Applications

Selecting this menu launches the Web browser to AT&T's Applications menu.

Press the [Menu] Soft key, select **5. AT&T Mall**, and then select **5. Shop Applications**.

### MEdia Net Home

For further details about **4. MEdia Net**, see page 45.

## 6. Games & Apps

You can experience the latest full-color, console-style games in full effect on your phone. Get ready for a gripping gaming experience that takes your breath away. We've also included a range of useful tools to keep you organized and connected on the move.

### Shop Games

Selecting this menu launches the Web browser to AT&T's Game Arcade menu and select to choose from a wide range of games to download.

Welcome to the era of fast and furious mobile gaming. The Games Arcade brings you full color, quality games from classic puzzles to championship footy. Choose from a variety of categories such as, action, sport, puzzle and strategy, racing, arcade and retro, and a lot more. Games are easy to download and you can preview them beforehand. You will only be able to view games that are available on your mobile.

### How to download games

- Once you are in the Games Arcade you can choose from the top games, new releases, best sellers or just click on all games to see our full catalogue. These games are all available on the Games Arcade, some games may not be available for all devices.
- Select the category you want and a list of all the available games will appear on screen.

- Just choose the game you want to play and when highlighted press **[OK]** key to get a full description.
- If you want to buy the game select **[Buy]**.
- On the following screen select **[Yes]**. Your phone will start downloading your chosen game. It may take a minute for the game to download – please don't cancel before it has finished downloading.
- The game will now be stored on your mobile in the **Games & Apps** folder.

### Games

Press the **[Menu]** Soft key, select **6.Games & Apps** in the menu to view the Java Game.

The list is stored in your phone.



After moving to the game that you select, using the scroll key, press the **[OK]** key to run the game and press the **[Options]** Soft key to view the following:

- **Delete:** Delete the selected game. (You cannot delete the default game.)
- **Update:** Update the selected game version. (You cannot update the default game.)
- **Permissions:** Set the permission regarding each function when the selected game accomplishes a specific function.
- **Connections:** Set the Connection profile for Java
- **VM version:** Show the JAVA version that the built-in Java VM (Virtual Machine) supports.

## 7. My Stuff

### DRM/ Forward Lock

Your phone supports a Digital Rights Management (DRM) system to protect acquired content. A piece of content (for example, ringtones, wallpapers) can be protected by using **Forward Lock**, which means the protected contents cannot be forwarded to other devices including other phones and desktops.

With respect to DRM, a forward locked sound appears with an icon () in the sound list and a forward locked image appears with an icon () in the image list.

### Audio

#### Shop Tones

Selecting this menu launches the Web browser to AT&T's Tones menu.


### Audio

Play back sound in your phone or edits information. The sound formats supported here are MIDI, AAC, AAC+, WMA, iMelody, MP3 and AMR.

1. Press the [**Menu**] Soft key, select **7.My Stuff**, and then select **1.Audio** to display the list of sounds recorded in your phone.
2. Press the [**OK**] key to play the selected melody.
3. Press the [**Back**] Soft key to return to the list.

Press the [**Set as**] Soft key to set the selected sound as a preferred ringtone.

**NOTE:** You can not set an audio file as a ringtone, if it is larger than 600Kb.

Press the [**Options**] Soft key () to apply the options to the sound concerned. The [**Options**] Soft key is active when the downloaded sound is selected.

- **Send as Multimedia Message:** Send the selected sound in a multimedia messages. This option is available only for non-forward-locked sounds.
- **Send via Bluetooth:** Transmit the selected sound via Bluetooth
- **Rename:** Rename a sound. (For further details about renaming a file, see 8. Entering text on page 27.)
- **Delete:** Delete a sound.
- **Delete All:** Delete all sounds in the sound list.
- **File Info:** View the information about a sound.

### Graphics

#### Shop Graphics


Selecting this menu launches the Web browser to AT&T's Graphics menu.

### Graphics

You can view or edit the image or information recorded in your phone in this menu.

The image formats supported here are JPEG, GIF, BMP, WBMP and PNG.

4. Press the [Menu] Soft key, select **7.My Stuff**, and then select **2.Graphics** to see the thumbnail list of images that are saved in your phone.
5. Press the [OK] key to zoom in the image selected from the list.
6. Press the [Set as] Soft key to set the selected image as Wallpaper.
7. Press the [Left] or [Right] scroll key to view other images in the list.
8. Press the [Small] Soft key to return to the list.
9. Press the [Options] Soft key to apply the options to the image. The [Options] Soft key is active when the downloaded image is selected.
  - **Send as Multimedia Message:** Send the selected image to a multimedia message. This option is available only for non-forward locked graphics.
  - **Send via Bluetooth:** Transmit the selected image via Bluetooth.
  - **Rename:** Rename an image. (For further details about renaming a file, see 8. Entering text on page 27.)
  - **Delete:** Delete an image
  - **Delete All:** Delete all images in the image list.
  - **File Info:** View the information about an image.

With respect to DRM, a forward locked image appears with an icon () in the image list.

## Photo Album


This function allows you to view or edit the photos saved on your phone.

Press [Menu] Soft key, select **7.My Stuff**, and then select **3.Photo Album**.

## Viewing the saved photos

1. Press the [Menu] Soft key, select **7.My Stuff**, and then select **3.Photo Album** in the menu to access the photos.
2. Select a photo from the list and press the [OK] key to display the photo list in the album.
3. Use the [Small] or [List] Soft key to change the list type (Small/List).
1. Select a photo and press the [OK] key to enlarge the photo view. Press the [Left] or [Right] scroll key to view other photos in the album.

## Using the photo options

Press the [Options] Soft key ([) to apply the following options to a selected photo from the album.

- **Send as Multimedia Message:** Send the selected photo with the multimedia message.
- **Send via Bluetooth:** Transmit the selected photo via Bluetooth .
- **Kodak Mobile:** Send the selected photo to online photo album.
- **Set as:**
  - **Wallpaper:** Add a photo to **Wallpaper** in **Display**. The photo is set as the background image of the main screen.
  - **Address Book:** Assign a specific photo image to **Address Book Entry**
- **Rename:** Rename a photo. (For further details about renaming a photo,

see 8. Entering text on page 27.)

- **Delete:** Delete a photo.
- **Delete All:** Delete all photos in the album.
- **File Info:** View the information on a photo

## Video Album

This function allows you to view or edit the video saved on your phone.

Press [**Menu**] Soft key, select **7.My Stuff**, and then select **4.Video Album**

### Viewing the saved videos

1. Press the [**Menu**] Soft key, select **7.My Stuff**, and then select **4.Video Album** in the menu to access the video album list.
2. Select a video from the list and press the [**OK**] key to display the video list in the album.
3. Use the [**Small**] or [**List**] Soft key to change the list type (Small/List).
4. Select a video and press the [**OK**] key to play the video image automatically.

Use [**Stop**] Soft key to stop the play.

### Using the video options

Press the [**Options**] Soft key to apply the following options to a selected video from the album.

- **Send as Multimedia Message:** Send the selected video with the

multimedia message.


- **Send via Bluetooth:** Transmit the selected video via Bluetooth .
- **Rename:** Rename a video. (For further details about renaming a video, see 8. Entering text on page 27.)
- **Delete:** Delete a video.
- **Delete All:** Delete all video files in the album.
- **File Info:** View the information on a video.

## Other Files

This function allows you to manage files in unsupported formats saved on your phone. It also lists files received via Bluetooth from other devices.

Press the [**Menu**] Soft key, select **7.My Stuff**, and then select **5.Other files**.

### Managing other files saved on your phone

To manage the other files you select (for further details, see Other Files, above), press the [**Option**] Soft key [  ] to select from the following functions.

- **Send via Multimedia Message:** Send the selected file with the multimedia message.
- **Send via Bluetooth:** Transmit the selected file via Bluetooth .
- **Rename:** Rename the selected file.
- **Delete:** Delete the selected file.
- **Delete All:** Delete all files in your Other Files.
- **File info:** View details of the selected file.

## Tools

**Tools** provides various functions such as **Camera**, **Alarm**, **Calendar**, **Notepad**, **Voice Memo**, **World Time**, **Calculator**, **Converter**, and **Stopwatch**.

Press the [Menu] Soft keys, select **7.My Stuff**, and then select **6.Tools**.

## Camera

This function enables you to use your camera phone to take a photo or video. You can then save and edit the photo or video on your phone.

### Take a Photo

1. Press the [Options] Soft key and then select **1. Camera** to enter your phone's Photo Camera mode.



**Tip:** You can press the [ ] key in Standby mode to prepare to take photos directly.

2. The phone saves the image automatically when the user presses the



[ ] key. Press the [C] key to return to the camera preview screen.

**NOTE1:** In Multi Capture mode, the photo can be named automatically only if one photo is set as **Marked**. Select [Mark] or [Unmark] to check the

image that you want to save.

**NOTE2:** Image counter, which is next to image size, indicates the number of photos that you can take. Image counter might not be accurate depending on the types of objects and the level of brightness.

**Tip:** You can use the following keys to adjust your phone's camera directly.

Function	Options displayed	Soft key
Brightness	7 levels (from 0 to 6)	 [ key Left & Right
Zoom	Control by levels	 [ key Up & Down



Press the [ ] key Up & Down scroll key to zoom in or out of the selected photo relative to its original size.


**NOTE:** You cannot zoom in **VGA**(640x480) mode.

Press [Album] Soft key to display the Photo Album.


### Using the camera's photo options

When your phone's camera is in Photo Capture mode, press the [Options] Soft key [ ] to select the following options adjusting how the photo is taken or appears.

- **Take a Video:** Switch to Video Capture mode.
- **Image Size:** Specify the size of photo you want to take. You can choose **128X160**, **320X240** or **640X480**.


- **Image Quality:** Low, Medium or High.
- **Effect:** Apply an effect to the photo. You can choose Normal, Sepia, Monochrome, Negative, or Embossing
- **White Balance:** Adjust the photo's white balance according to the ambient lighting. You can choose Auto, Sunlight, Cloudy, Fluorescent, or Incandescent.
- **Multi-Shot:** Control the number of photos taken rapidly in sequence. You can choose Off, 4EA, 6EA or 9EA.
- **Frame:** Take a photo with a built-in frame. The image size is fixed as 128X160.
- **Self Timer:** Specify the delay time for all shooting modes. When you press the  key, the camera takes a photo automatically after the specified time.
- **Display Icons:** Specify whether the icons are shown on your phone's display.
- **Shutter Sound:** Specify the shutter sound. You can choose Shutter, Smile, 321, or Off.

#### ***The Single or Frame Saved screen.***

1. Press the [**Options**] Soft key  in Saved mode to select the following information, which is applied to the image.
  - **Delete:** Delete the photo that is saved automatically.
  - **Send via Bluetooth:** Transmit the selected photo via Bluetooth.
  - **Kodak Mobile:** Send the selected photo to online photo album.
  - **Set as:**

- **Wallpaper** – Add a photo to **Wallpaper** in **Display**. The photo is set as the background image of the main screen.


- **Address Book**– Assign a specific photo image to **Address Book**.



- **Back to Preview:** Return to the camera preview screen.
- **Rename:** Rename a photo. (For more information about renaming a photo, see 8. Entering text on page 27.)
- **Go to Album:** Move to the **Photo Album**.
- Press the [**Send**] Soft key  to transmit the photo with the multimedia message.

#### **Take a Video**

1. Press the [**Menu**] Soft key then select **7.My Stuff** then select **6.Tools** then select **1.Camera** then select **2.Take a Video** to enter your phone's Video Camera mode.  
The image taken by your phone's internal camera is displayed.



**Tip:** You can press and hold the [] key in Standby mode to prepare to take a video directly.

2. Press the [**Left**] or [**Right**] scroll keys to control the brightness.
3. Press the  key to record the previewed video.
4. Press the [**Cancel**] Soft key to cancel recording and return to the Preview screen, or press the  key to stop recording.

5. The phone saves the video when the user presses the **[OK]** key. Press the **[C]** key or **[Cancel]** Soft key to return to the camera preview screen. To play the recorded video, press the **[Play]** Soft key.

### ***Using the camera's video options***

When your phone's camera is in Video Capture mode, press the **[Options]** Soft key to select the following options adjusting how the video is taken or appears.

- **Take a Photo:** Switch to Photo Capture mode.
- **Video Size:** Specify the size of video you want to take. You can choose **128X96**, or **176X144**.
- **Video Quality:** Specify the quality of video you want to take. You can choose **High**, **Medium**, or **Low**.
- **Record Type:** Specify the record length. You can choose **Unlimited**, or **For Msg**.
- **Effects:** Apply an effect to the video.
- **Display Icons:** Specify whether or not the icons are shown on your phone's display.

Press **[Album]** Soft key to display the Video Album.

### ***Video Saved screen.***

1. Press the **[Options]** Soft key in Saved mode to select the following information, which is applied to the video.
  - **Delete:** Delete the video that is saved.
  - **Send via Bluetooth:** Transmit the selected video via Bluetooth.
  - **Back to Preview:** Return to the camera preview screen.

- **Rename:** Rename a video. (For more information about renaming a photo, see 8. Entering text on page 27.)
  - **Go to Album:** Move to the **Video Album**.
2. Press the **[Send]** Soft key to transmit the video with the multimedia message.

## **Alarm**


This function allows you to set an alarm to sound at up to five different times.

Press **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **2. Alarm** to display the current alarm list.


**NOTE:** When you set the **Wake-Up Call** to **On**, an icon is shown on your phone's display.

### ***To set an alarm***

Press **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **2. Alarm** to display the current alarm list.

Press the **[New]** Soft key () , and compose a new alarm in the alarm edit screen.

### ***To manage existing alarms***


Select the alarm then press the **[Options]** Soft key () to select from the following functions.

- **Delete:** Delete an alarm from the list.

- **Delete All:** Delete all alarms from the list.
- **Wake-Up Call On/Off:** If you set **Wake-Up Call** to **On**, the alarm rings regardless of any other settings (for example, vibrate settings).
- **Snooze On/Off:** If the alarm is set to Snooze, it rings in 5 minute intervals for the next 15 minutes. Only one alarm can be set to **Snooze On**.

Press the **[OK]** key to edit the alarm, and then press the **[Up]** or **[Down]** scroll key in the **Edit Alarm** screen to set **Time**, or **Melody**.



Move a joystick ([, ]) to the right to select AM or PM icon in the Time edit window. When the icon is selected, you can change AM to PM by pressing a joystick to the right.

## Calendar

Calendar helps you manage your schedule including your time for calls or special days. You can set alarms service on a set date with this function. Calendar is displayed as the following views: Monthly View, Daily View, and Event View & Edit.

Press the **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **3. Calendar**.


### Monthly View


Calendar is displayed in this view by default.

Press the **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **3. Calendar** from the menu to display the **Monthly View**.

Press the following keys to move in Monthly View.

To:	Press:
Move to another day	<b>[Left]</b> key Previous Day <b>[Right]</b> key Next Day
Move to another week	<b>[Up]</b> key Previous Week <b>[Down]</b> key Next Week
Move to the previous or next month	<b>[1]</b> key Previous Month <b>[3]</b> key Next Month

Press the **[New]** Soft key ([, ]) to add a new event.

To manage existing events, press the **[Options]** Soft key ([, ]) to select from the following functions.

- **Go to Date:** Move to the set date.
- **Go to Today:** Move to today for selection.
- **View All Events:** Show all of your scheduled events.
- **Delete All Events:** Delete all of your scheduled events.
- **Memory Info:** Display the number of stored events (up to 50).


Use the Scroll keys to select the date you want then press the **[OK]** key.

For dates containing events, switch to Daily View to check the schedule.

Events recorded for a date are displayed at the bottom of the display as an icon.

### Daily View

This function displays the events recorded for a date. Select a date then press the **[OK]** key to view or edit the details of specific events.


To manage existing events, press the **[Options]** Soft key ([, ]) to select from the following functions.

- **Delete:** Delete an event.
- **Delete All:** Delete all events.

### **Event View & Edit**

This function displays the events individually and edits the schedule or creates a new schedule.

#### **To create a new event in Event View & Edit**


1. Select a day from **Monthly View** or scroll to a day and press the **[New]** Soft key ([  ])
2. On the **New Event** screen, select and input an event item by item for registration.
3. After input, press the **[OK]** key to save the event.


**NOTE:** You can create 50 events and event can be made up to 5 per day. Also setting date cover from 01/01/2000 to 12/31/2049.

### **Notepad**

This function enables you to create text memos on your phone.

Press the **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **4. Notepad** to display the current notepad list.

Press the **[New]** Soft key ([  ]), and compose a new memo in the Notepad edit screen.

To manage text memos, press the **[Options]** Soft key ([  ]) to select from the following functions.

- **Edit:** Retrieve existing memos, edit existing memos, and press the **[OK]** key to save modified memos.

**Tip:** Press the **[OK]** key and **[Edit]** Soft key ([  ]) to return to the

editing screen.

(For more information about using the editor, see 8. Entering text on page 27.)




- **Delete:** Delete any items.
- **Delete all:** Delete all Notepad.

### **Voice Memo**

The Voice Memo function records your voice messages. You can use Record, Stop, Play, and Save for voice recording and playback.

Press the **[Menu]** Soft key, select **7. My Stuff**, select **6. Tools**, and then select **5. Voice Memo**.

#### **To record a voice memo:**

1. Press the **[New]** Soft key ([  ]) to start recording immediately.
2. Press the  key to terminate the recording process and press the **[Play]** Soft key to hear the recorded data before saving the voice data.
3. Press the **[Re-rec]** key to re-record a voice message.
4. Press the  key, input a name, and press the **[OK]** key to save the data.

**Tip:** When the memory is full, the “Not Enough Memory” message appears and you return to the menu.





#### **To manage voice memos:**

To manage voice memos, press the **[Options]** Soft key ([  ]) to select

from the following functions.

- **Send as Multimedia Message:** Attach the AMR file and send as multimedia message.
- **Send via Bluetooth:** Transmit the selected voice memo via Bluetooth.
- **Rename:** Rename the voice memo.
- **Delete:** Delete the selected voice memo.
- **Delete All:** Delete all voice memos.
- **File Info:** View the information about a file.

#### **To play a voice memo:**

1. Select an item in the voice memo list, and press the [OK] key to play immediately.
2. Press the  key or  key to rewind or fast forward.
3. Press the  key to play or pause a voice memo.
4. Press the  key to stop a voice memo.

## **World Time**

This function allows you to view the world time.

Press the [Menu] Soft key, select **7.My Stuff**, select **6.Tools**, select **6.World Time**.



Home Time is displayed top of text area and Local Time is located in the bottom. You can change Home Zone and Local Zone.

#### **When Auto Update of Time & Date is On:**

- Home Zone is set as Auto Updated Service Area.
- Home Zone is not changeable.

- To select Local Zone, use the [Left] or [Right] scroll key. After select the city, press the [OK] key.

#### **When Auto Update of Time & Date is Off:**

- To select Home Zone, position a cursor on Home Zone and select the city using the [Left] or [Right] scroll key. After select the city, press the [OK] key.
- To select Local Zone, position a cursor on Local Zone by pressing the [Down] scroll key and select the city using the [Left] or [Right] scroll key. After select the city, press the [OK] key.
- To manage Daylight Saving time, press the [Options] Soft key () and select Daylight Saving On or Off.
- **Daylight Saving On/Off:** Specifies whether the current time of the selected place is adjusted to Daylight Saving time. A  icon indicates that daylight-saving is activated for that place.

**Tip:** Daylight-saving sets the clock one hour ahead.


(For more information about Auto Update of Time & Date, see Time & Date on page 67.)



## **Calculator**



Your phone has a Calculator function. Calculator provides four basic operations: +, -, x, and /.

Press the [Menu] Soft key, select **7. My Stuff**, select **6. Tools**, and then select **7. Calculator**.

Press the number keys and direction keys to input a calculation then press = to display the result.


**Tip:** To input a decimal, press the [] key.

Press and hold the [, or press the Soft key ([]) to reset the formula.

Press the [] key briefly to delete the text of a formula and press and briefly hold the [] key to delete the whole formula.

## Converter







Converter converts a figure between different units, i.e. length, area, volume, weight and temperature.

1. Press the [**Menu**] Soft key, select **7.My Stuff**, select **6. Tools**, and then select **8.Converter**.
2. Select **Length, Area, Volume, Weight**, or **Temperature**.
  - Press the [**Down**] scroll key to move to the next line, press the [**Left**] or [**Right**] scroll key to select a target unit, and press the number keys to input numbers.
  - Press the [**Down**] scroll key again to move to the next line and select a result unit to get the converted figure.
  - The result is automatically recalculated upon a change of unit or value.
  - Press the Soft key ([) to input a decimal point.

## Stopwatch

Stopwatch measures time for sports activities.

Press the [**Menu**] Soft key, select **7.My Stuff**, select **6. Tools**, and then select **9. Stopwatch**.

- Press the [] key to operate the Stopwatch.
- Press the [] key to pause the Stopwatch and press the [] key to restart the Stopwatch.
- When you select the [**Lap**] Soft key ([)], the 4 lap times as a maximum are displayed and when you select the 4th [**Lap**] Soft key ([)], the Stopwatch stops.
- Press the [**Reset**] Soft key ([) to initialize all.

## Phone Inspector

Your phone inspect that the phone is working without any troubles.

Press the [**Menu**] Soft key, select **7.My Stuff**, select **6. Tools**, and then select **10. Phone Inspector**.

## Memory Info

This function displays the information of the memory usage status for Photo, Image, Sound, Voice, Games, Message, and System.

**NOTE:** System memory refers to the total memory used for reserved objects, user defined wallpapers, etc.

Press [**Menu**] Soft key, select **7. My Stuff**, and then select **7. Memory Info**.



## 8. Address Book


You can store your personal entries, which can be added or deleted at any time, on your phone. You can save up to 800 contacts in your phone memory. Entries that can be stored on the SIM card depend upon the storage capacity of the card.

### Contact List

Press the [Menu] Soft key, select **8.Address Book**, and then select **1.Contact List**.

To search for a phone number from Address Book, do the following procedure.

1. Input a name. The entry list is shown and the cursor is placed on an item that matches your input data.
2. Press the [Left] or [Right] scroll key to view the recorded numbers.
3. Press the [OK] key to view all.

To manage entries, press the [Options] Soft key ([) to select from the following functions.

- **Add Contact:** Create a new entry.
- **Delete:** Delete the selected item.
- **Copy to SIM/Phone:** Copy memory to SIM or phone.  
**NOTE:** When you copy memory to phone, select the “Change Type”- Mobile, Home, or Office.
- **Send Message:** Send a message to a selected recipient.
- **Add to Speed Dial:** Add the selected number to speed dial.
- **Language:** Select Spanish or French. English is the default selection.
















- **Group Search:** Search for the phone number of each group.
- **Forward Contact Info:** Send the information of the person selected in the **Contact List** in the form of a business card.
  - **Send via MMS :** Transmit the selected contacts information via MMS
  - **Send via Bluetooth :** Transmit the selected contacts information via Bluetooth

### Add Contact

Press the [Menu] Soft key, select **8.Address Book**, and then select **2.Add Contact**.

Then add the entry information for other people.

Depending on the SIM Card or Phone setup in the **Save to** pop-up window, the following fields are displayed.

- **Phone:** Name() , Mobile() , Home() , Office() , Group() , Picture() , Melody() , E-mail1() , E-mail2() , and Memo()
- **SIM Card:** Name() , Mobile() , Group() , Picture() , and Melody()

### Speed Dial

This function enables you to use the Speed Dialing function to dial the entry by pressing a Speed Dial number in Standby mode.

The Speed Dial numbers range from 2 to 9, totaling 8 Speed Dial numbers.

**NOTE:** Pressing and holding the [0] or the [1] key is the prefix for international calls or the Voice Mail service, respectively.

### To set Speed Dial

Press the [Menu] Soft key, select **8.Address Book**, and then select **3.Speed Dial**.

### To add to Speed Dial

- Press the [Up] or [Down] scroll key to move to an empty entry and press the [Add] key.
- Press the [Up] or [Down] scroll key to select a person.
- Press the [Options] Soft key ([ — ]) to select the language and search for Spanish or French. (English is the default selection.)
- Press the [OK] key to save an item in the **Speed Dial** list.

### To edit Speed Dial

1. If you want to edit a particular item in the speed dial list, move the cursor to the item and press the [Edit] Soft key ([ — ]) to update the item.
2. Press the [Options] Soft key ([ — ]) to select the language and search for Spanish or French. (English is the default selection.)
3. Press the [OK] key to save an item in the Speed Dial list.

### To remove from Speed Dial

If you want to remove a particular item in the speed dial list, move the cursor to the item and press the [Remove] Soft key ([ — ]) to remove an

item.

### To set Speed Dial in Name Search

Press the [Menu] Soft key, select **8.Address Book**, and then select **1.Contact List**.

1. Press the [Up] or [Down] scroll key to select a person.
2. To add Speed Dial, press the [Options] key and select the [Add to Speed Dial] option in the list.
3. Press the [Up] or [Down] scroll key to move to an empty entry.
4. Press the [OK] key to save an item in the **Speed Dial** list.

### Groups

This function is used to configure the settings for the four predefined caller groups: **Family**, **Friends**, **Business**, and **VIP**

Press the [Menu] Soft key, select **8.Address Book**, and then select **4.Groups**.

To manage the Groups, press the [Options] Soft key ([ — ]) to select from the following functions.

- **Group Ringtones:** Set a Group, Melody, and Photo.
- **Rename:** Rename a group in the user defined group.
- **Delete:** Delete the selected groups in the user defined group.

**NOTE:** The **Rename** and **Delete** menus do not appear in the **Default Group**.

Press the [New] Soft key ([ — ]) to set a new group.

## My Business Card

Press the [Menu] Soft key, select **8.Address Book**, and then select **5.My Business Card**.

Allows you to save your business card and send it to the phone of other user Bluetooth. You can edit or delete the saved numbers.

Press the [Option] Soft key [  ] to:

- **Send via Bluetooth**: Transmission via Bluetooth is possible.
- **Delete**: Delete the saved business cards.

Press [Edit] soft key to edit the saved business card.

## Memory in Use

This function enables you to specify whether you want to save your entry information on your **Phone**, on your **SIM Card**, or on either **Phone or SIM**.

Press the [Menu] Soft key, select **8.Address Book**, and then select **6.Memory in Use**.

## Delete All

This function deletes all entry information saved on your phone or SIM card.

Press the [Menu] Soft key, select **8.Address Book**, and then select **7.Delete All**.

Press the [OK] key and type the phone password.

## Copy All

This function copies all entry information saved on the Phone/SIM card to SIM or Phone.

Press the [Menu] Soft key, select **8.Address Book**, and then select **8.Copy All**.

## My Phone Number

This function displays your phone numbers stored in the SIM card. The number for **My Phone Number** can vary depending on the SIM.

Press the [Menu] Soft key, select **8.Address Book**, and then select **9. My Phone Number**.

## Memory Info

Press the [Menu] Soft key, select **8.Address Book**, and then select **10.Memory Info**.


Select **Memory Info** and press the [OK] key to display the usage and free memory space in Phone and SIM memory.

## Service Numbers

This feature might not be available depending on your SIM card.

The list of numbers in the SDN (Service Dial Number) appears.

Press the [**Menu**] Soft key, select **8. Address Book**, and then select **11. Service Numbers**.

If necessary, scroll to a number by pressing the [**Up**] or [**Down**] scroll key and press the [**Call**] Soft key or [] key to dial the number.



## 9. Settings

This function enables you to personalize how your phone operates.

### Mode Change

You can define how information is displayed on your phone.

Press the [Menu] Soft key, select **9.Settings**, and then select **1.Mode Change**.

### Profiles

You can define how information is displayed on your phone.

Press the [Menu] Soft key, select **9.Settings**, and then select **2.Profiles**.

### Display

You can define how information is displayed on your phone.

Press the [Menu] Soft key, select **9.Settings**, and then select **3.Display**.

### Shop Graphics

Selecting this menu launches the Web browser to AT&T's Graphic menu.

### Main Screen

This function allows you to change the idle screen image shown on your phone's main display.

Press the [Menu] Soft key, select **9.Settings**, select **1.Display**, and then select **2.Main Screen**.

- **Wallpaper:** Set up Wallpaper by selecting from "Wallpaper". Wallpaper stores items used to set up Wallpaper at Graphics or Photo Album
- **Clock type:** Set up the clock type
- **Color Theme:** Set up the color of you screen.

### Font

This function allows you to set the font displayed in Startup or Idle mode.

Press the [Menu] Soft key, select **9.Settings**, select **1.Display**, and then select **3.Font**.

### Greeting

This function allows you to set the greeting message displayed in Startup or Idle mode.

Press the [Menu] Soft key, select **9.Settings**, select **1.Display**, and then select **4.Greeting**.

### Backlight Timer

This function allows you to specify for how long your phone's displays are backlight.

1. Press the [Menu] Soft key, select **9.Settings**, select **1.Display**, and then select **5.Backlight Timer**.
2. Choose how long you want backlighting of your phone's displays to

remain on if you do not touch any key. You can choose **5 Secs**, **10 Secs**, **20 Secs**, **1 Min**, and **10 Mins**.

3. Press the **[Left]** or **[Right]** scroll key to change the duration value that you want and then press the **[OK]** key.

## Call

Call Settings define how your phone reacts when you receive a call or a message, and specifies how calls are to be answered on your phone.

Press the **[Menu]** Soft key, select **9.Settings**, and then select **4.Call**.

### Call Forward

This function allows you to divert incoming calls to another phone number.

Press the **[Menu]** Soft key, select **9.Settings**, select **4.Call**, and then select **1.Call Forward**.

Choose **Forward Always**, **When Busy**, **On No Answer**, **When not Found**, or **Cancel All**, all of which divert the call as required.

Because call forwarding is a network service, you must contact your service provider to verify the availability of the service.

#### Forward Always

This function forwards all calls without regard to the condition. It does not even matter if the mobile phone is switched on or off.

- **Activate:** Set **Call Forwarding Always**.
- **Deactivate:** Cancel **Call Forwarding Always**.
- **Status:** Inform the setup condition.

- **By Service:** Set up **Call Forwarding Always** for each service (All Services, Voice calls, Data and Fax).

#### When Busy

This function forwards only those calls that receive a busy connection or that otherwise would have returned the busy indication to the caller.

- **Activate:** Set up **Call Forwarding When Busy**.
- **Deactivate:** Cancel the preset **Call Forwarding When Busy**.
- **Status:** Inform the setup condition.
- **By Service:** Set up **Call Forwarding When Busy** for each service (All Services, Voice calls, Data and Fax)

#### On No Answer

This function forwards the calls that are not answered or not picked up by the called party within a specific time.

- **Activate:** Set up **Call Forwarding On No Answer**.
- **Deactivate:** Cancel the preset **Call Forwarding On No Answer**.
- **Status:** Inform the setup condition.
- **By Service:** Set up **Call Forwarding On No Answer** for each service (All Services, Voice calls, Data and Fax)

#### When not Found

If the mobile subscriber is currently out of the GSM network or decides to switch off the mobile phone, this service forwards all of the subscriber's calls to the indicated number.

- **Activate:** Set up **Call Forwarding When not Found**.
- **Deactivate:** Cancel the preset **Call Forwarding When not Found**.



- **Status:** Inform the setup condition.
- **By Service:** Set up **Call Forwarding When not Found** for each service (All Services, Voice calls, Data and Fax)

### Cancel All

Cancel the **Call Forward** options.

### Answer Type

This function allows you to specify how calls are to be answered on your phone.

1. Press the **[Menu]** Soft key, select **9.Settings**, select **4.Call**, and then select **2.Answer Type**.
2. Use the **[Left]** or **[Right]** scroll key to set the call receiving method. Press the **[OK]** key to save.
  - **Send key:** Incoming calls are answered by pressing the  key.
  - **Any Key:** Incoming calls are answered by pressing any key except the  key and the **[Reject]** Soft key.

### Auto Redial

This function automatically redials the number you call if your call is unsuccessful.

1. Press the **[Menu]** Soft key, select **9.Settings**, select **4.Call**, and then

select **3.Auto Redial**.

2. Select **On** or **Off**.

### Call Waiting

This function informs you that you have received a second call while you are in a call.

Press the **[Menu]** Soft key, select **9.Settings**, select **4.Call**, and then select **4.Call Waiting**.

- **Activate:** Activate the Call Waiting feature.
- **Deactivate:** Cancel the Call Waiting feature.
- **Status:** Indicate whether or not the Call Waiting feature is activated.

### Caller ID

This function prevents your phone number from being displayed on the phone of the people you call.

**NOTE:** This service is network dependent. Please inquire with your network provider.

Press the **[Menu]** Soft key, select **9.Settings**, select **4.Call**, and then select **5.Caller ID**.

### Phone

### Language

This function allows you to select which language is displayed on your

phone.

Press the [Menu] Soft key, select **9.Settings**, select **5.Phone**, and then select **1.Language** to select a language for the display.

**NOTE:** Select **Automatic** to set the language as English.

## Time & Date

This function allows you to set the time and date displayed on your phone.

Press the [Menu] Soft key, select **9.Settings**, select **5.Phone**, and then select **2.Time & Date**.

You can set up Time, Time Format and Date, and Date Format by pressing the [OK] key

If you choose Automatic On , the time and date are updated automatically and you cannot edit Time and Date.

**NOTE:** If you set the Automatic option as On, Home Zone is set as Service Area automatically and you can not change it.

(For more information about Home Zone, see World Time on page 58.)

## Flight Mode

Press the [Menu] Soft key, select **9.Settings**, and then select **6.Flight Mode**.

After you select **Flight Mode On**, you cannot call or receive calls. This mode enables you to cut off the radio session but maintains power to other ancillary functions such as the calendar, games, and other features. This mode supports use of these features in environments where transmitters or

receivers are not allowed, such as on an airplane.

## Connectivity

### Bluetooth

Press the [Menu] Soft key, select **9. Settings**, select **7.Connectivity** and then select **1.Bluetooth** .

Bluetooth refers to either the specifications for connecting wirelessly various devices such as computers, mobile phones and home appliances, which are located within a short distance, and then enabling real time, bi-directional communication among them, or the products complying to those specifications.

The mobile phone (BREEZE) supports the following profiles:

- Serial Port Profile (SPP)
- Dial-Up Networking Profile (DUN)
- Hands-free Profile (HFP)
- Headset Profile (HSP)
- Object Push Profile (OPP) as a client and server
- File Transfer Profile (FTP) as a server only

Bluetooth technology enables cost-free wireless connections between electronic devices within a maximum range of 33 feet (10 meters). A Bluetooth connection can be used to send images, videos, texts, business

cards, calendar notes, or to connect wirelessly to devices using Bluetooth technology, such as computers.

Since devices using Bluetooth technology communicate using radio waves, your phone and the other devices do not need to be in direct line-of-sight.

The two devices only need to be within a maximum of 33 feet (10 meters) of each other, although the connection can be subject to interference from obstructions such as walls or from other electronic devices.

Using Bluetooth technology consumes the battery and the phone's operating time will be reduced. Take this into account when performing other operations with your phone.

### **Bluetooth**

: Selecting **[On]** activates Bluetooth, while selecting **[Off]** deactivates Bluetooth.

### **Paired Devices**

: Display the paired device or allows you to add a new device. The displayed icon type varies depending on the types of paired devices.

Press the **[Option]** Soft key [  ] to:

(Depending on the profiles provided by the paired device, different Option Menu appears.)

#### ■ **Connect/Disconnect**

: It is displayed when devices provide Bluetooth Headset/Handsfree profile, and connects or disconnects each device.

#### ■ **Edit Name**

: Allow you to edit the device names of the other party.

#### ■ **Delete**

: Delete desired devices from the Paired Device List.

#### ■ **Delete All**

: Delete all devices from the Paired Device List.

#### ■ **Set Authorized/Unauthorized**

: If the relevant device has been set for Authorized, it is possible to access your phone with any permission. On the other hand, if it is set for "Unauthorized, the device must have the privilege to access your phone. This menu is displayed only when the registered device type is PC/PDA..

Press the **[New]** Soft key [  ] to:

The menu allows you to select the device to be newly registered.

#### ■ **Search All**

#### ■ **Audio Accessory**

#### ■ **PC**

#### ■ **Phone**

#### ■ **Others**

If you choose from the above menu for the device you wish to search, "Searching..." appears.

To Search a device

Every time a new device is searched, the List becomes updated. During the search process, selecting **[Stop]** Soft key stops searching and displays all the search results. At this time, select the **[Refresh]** Soft Key to resume the search function.

After searching the device to be paired, press the OK key for pairing.

To Pair with a device

Your handset will ask for the Passkey to be used for registering with the other party. If you enter the Passkey and then other party also enters the Passkey correctly, the registration will be completed.

### Outgoing call device

Before placing a call, select the device to be used.

- **Phone**

You can place a call in the normal way that you use your phone to make a call.

- **Headset**

You can place a call through the headset, provided that it has been successfully registered and connected.

- **Always Ask**

As soon as you place a call, a popup message will appear asking you if you wish to use the headset/handsfree. When you press the Yes key, you make a call using the headset/handsfree. If you press the No key, you make a call using your handset. In case of no entry, the call will be made through your phone automatically after 10 secs.

If you press a call button from a headset, you can always make a call with the headset regardless of Outgoing Call Device.

### Visibility

- **Shown to All:** Permit search to all other cell phones with

Bluetooth technology.

- **Hidden:** Permit access only to cell phones listed in the Paired device list

### Name

Allow you to edit the name of your phone, which will be shown to other phones with Bluetooth technology.

### Address

Display the Bluetooth address of your cell phone.

### To send an object

After selecting the desired file, if you select “**Send via**” from [Option] and then select “**Bluetooth**”, Search starts (See: “To Search a device” ). After “Search” is completed, if you choose the device to receive objects, “Send” is processed. At this time, if the corresponding device requests for Pairing (see: To Pair with a device), “Send” is processed after the “Pairing” procedure has been completed.

### To receive an object

The receiving process starts only when the receipt has been approved. If the received object is “Contact” information, when it is saved, it will be saved in the phone memory.

### Network Connection

This menu shows the Network Profile. You can register, delete and edit the Network Profiles.

However, you cannot delete or edit default configurations provided by AT&T.

## Network

This menu lets you to search and set up the default.

Press the [**Menu**] Soft key, select **9. Settings**, select **7.Connectivity**, select **3.Network** and then select **2. Default Set-up**.

## Security

The security settings enable you to restrict the use of your phone to specific people and types of calls.

Codes and passwords are used to protect these features of your phone.

They are described in the following sections. See also 2. Access codes in the Appendix, on page 77.

The security settings enable you to restrict the use of your phone to specific people and types of calls.

Your phone's security features keep your phone and SIM card safe from unauthorized use. You can either set a password for your phone or use the **Phone Barring** service and **Fixed Dialing** mode to restrict which calls can be made using your phone.

Press the [**Menu**] Soft key, select **9.Settings**, and then select **8.Security**.

## PIN1 Check

Press the [**Left**] or [**Right**] scroll key and [**OK**] key for setup.

If you input the incorrect PIN1 code three consecutive times, you will be

prompted to input the PUK1 number. The default is Disabled.

- **Enabled:** Input PIN1 whenever the power is turned on.
- **Disabled:** Do not input PIN1 whenever the power is turned on.

## Change PIN1

Change the PIN1 number.

You can change the PIN1 number only when the phone is set for PIN1 Enable.

## Phone Lock

This function allows you to lock your phone until the correct password is input.

Press the [**OK**] key after you type the password.

## Change Password

This function allows you to change your phone's password.

The default password is 1234.

## Phone Barring

This function offers multiple methods to limit incoming or outgoing calls. In general, the barring service becomes activated by interoperating with the network, but phone barring is made by the phone itself. Major functions are as follows.

**Incoming:** Limit all incoming calls.

- **On:** Set up all incoming calls barring.
- **Off:** Cancel all incoming calls barring.

**Outgoing:** Limit all outgoing calls. When you attempt to make a call that has the prefixed number that you previously registered, the call is barred.

- **Bar All:** Set up all outgoing calls barring.
- **Bar Prefixed:** Add and delete the prefixed number. (Prefix also means your 10 or 11 digit number of your choosing)
- **Off:** Cancel all outgoing calls barring including the bar prefixed.

### Fixed Dialing (Fixed Dialing Numbers)

**Fixed Dialing** is a service that limits your access to specific numbers in the Address Book list recorded on the SIM. Input the PIN2 to set up or cancel this service. (PIN 2 must be correctly entered within 3 tries.)

- **On:** Set up Fixed Dialing service.
- **Off:** Cancel Fixed Dialing service.
- **Fixed Dial List:** Display the numbers recorded in the FDN Contact List.

### Change PIN2

This function allows you to change your phone's PIN2 code.

### Software

This function allows you to display your phone's current software version. Press the [**Menu**] Soft key, select **9.Settings** select **9.Software** and then select **9.Software Version**.

### Software Update

This function allows you to update your software.

Press the [**Menu**] Soft key, select **9.Settings** select **9.Software** and then select **9.Software Update**.

### Reset

This function allows you to delete all user settings and data from your phone and returns it to factory-default settings.

### Master Reset

This function allows you to return all user settings to factory-default settings.

1. Press the [**Menu**] Soft key, select **9.Settings**, and select **10.Reset** and then select **1.Master Reset**.
2. At the "Reset System?" prompt, press the [**Yes**] soft key to continue, or the [**No**] soft key to cancel.
3. Input the phone password and press the [**OK**] key to reset.  
The default password is 1234.

### Master Clear

This function allows you to delete all user data from your phone memory.

1. Press the [**Menu**] Soft key, select **9.Settings**, and select **10.Reset** and then select **2.Master Clear**.
2. At the "Clear System?" prompt, press the [**Yes**] soft key to continue, or

the **[No]** soft key to cancel.

3. Input the phone password and press the **[OK]** key to clear.

The default password is 1234.

## TTY

TTY (also known as a TDD or Test Telephone) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone.

Your phone is compatible with select TTY devices which have an internal CTM. Please check with the manufacturer of your TTY device for connectivity information and to ensure that the TTY device supports digital wireless transmission.

Press the **[Menu]** Soft key, select **9.Settings**, and then select **11.TTY**.

1. Connect a TTY connector into the Headset/Adapter jack (on the left side of the phone).

2. Select the desired TTY mode by pressing the **[Left]** or **[Right]** scroll key.  
(For a TTY mode, see below)

- **TTY Full**: Users who cannot talk and hear send and receive a text message through TTY equipment.
- **TTY Talk**: Users who can talk but cannot hear receive a text message and send voice messages through TTY equipment.
- **TTY Hear**: Users who can hear but cannot talk send a text message and receive voice messages through TTY equipment.
- **Disabled**: TTY mode is disabled.

## **VI. Appendix**

- 1. Menu Tree**
- 2. Access Codes**
- 3. Troubleshooting checklist**
- 4. Performance and safety**
- 5. Safety Information for Battery Usage**
- 6. Glossary**

## 1. Menu Tree

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  - 1.2 IM
- 2 Messaging
  - 2.1 Write New
    - 2.1.1 Text Message
    - 2.1.2 Multimedia Message
  - 2.2 Inbox
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- 3.4 Delete Call Logs
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  - 9.8.9 Closed User Group
- 9.9 Software
  - 9.9.1 Software Version
  - 9.9.2 Software Update

- 9.10 Reset
  - 9.10.1 Master Reset
  - 9.10.2 Master Clear
- 9.11 TTY



## 2. Access codes

The following section describes various security codes used on your phone.

### **PIN1 code** (4 to 8 digits)

The PIN1 (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN1 code is usually supplied with the SIM card. If you input the incorrect PIN1 code entry three times in a row, the PIN1 code will be blocked. If the PIN1 code is blocked, you need the PUK 1 code to unblock before you can use the SIM card again. See information on the PUK1 code.

### **PIN2 code** (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as call cost counters. Contact your carrier for information.

### **Lock code**

The lock code can be used to lock the phone and keypad to avoid unauthorized use.

**NOTE:** The factory setting for the lock code is 1234. To avoid unauthorized use of your phone, change the lock code. Keep the new code secret and in a safe place separate from your phone.

### **PUK1 and PUK2 codes** (8 digits)

The PUK1 (Personal Unblocking Key) code is required to change a blocked

PIN1 code. The PUK2 code is required to change a blocked PIN2 code. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone for the codes.

### **NOTE:**

You can change the following codes: lock code, PIN1 code, and PIN2 code. These codes can include numbers from 0 to 9 only. The [#] key works as the **[OK]** function.

Avoid using access codes similar to emergency numbers such as 112, to prevent accidental dialing of an emergency number.

### **Network Barring Password (4 digits)**

The N/W password is required when you use the N/W Barring function. Your service provider will provide the N/W password to you when you subscribe to this function.

You can change this password using the **Call barring** function.

(For further details, see [Security](#) on page 70.)

### 3. Troubleshooting checklist

If you experience any problem while using your mobile phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest carrier.

**When the “Insert SIM Card” message appears:**

Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact points of the card. If it is out of order, take it to the nearest carrier.

**When the “Password” message appears in Phone locked state:**

Enter the phone password. The default password is “1234”. If you cannot remember the password, contact the nearest carrier.

**When the “Enter PIN1” message appears:**

Input PIN1. If you cannot remember it, contact the nearest carrier. You can still receive calls even if your mobile phone becomes locked after entering the incorrect PIN1 on three consecutive attempts.

**When the “No Service” or “Network Search” appears:**

If you cannot make/receive a call when you are indoors or undergrounds where the signal strength is poor, move toward a window or go out to an open area. If you still cannot make a connection, contact the nearest carrier.

**When audio quality is poor:**

End a call and try again.

**When the other party cannot hear you speaking:**

Your phone may be set to MUTE. Disable the MUTE function.

**When battery lifetime is shorter than usual:**

This may happen when you are in an area with low signal strength. Turn off your phone when it is not in use. Change the battery when battery energy is exhausted.

**When your mobile phone does not turn on:**

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

**When you are unable to send a message:**

Either you are not registered to receive an SMS service, or you may be in an area where your network service provider cannot provide such a service.

**When you are unable to make a call:**

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.

**When you are unable to charge the battery:**

This may be the result of one of the following three cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in an overly hot/cold

temperature. Try changing the charging environment.

3. Your battery may have not been connected to the charger properly.  
Check the connector.

**When you are unable to input data into your Address Book:**

Your Address Book memory may be full. Try deleting some entries from your Address Book.

**When you are unable to select a certain function:**

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided.  
Contact your local service provider.



## 4. Performance and safety

The following list shows how to maintain your mobile phone, together with precautions to take.

- Keep your mobile phone and its accessories out of the reach of children.
- Maintain your mobile phone in dry conditions and keep it within normal operating temperatures. Temperatures higher than 55°C (131°F) or lower than -20°C (-4°F) may damage your phone.
- Do not use or store your mobile phone in dusty, dirty areas.
- Do not attempt to disassemble your mobile phone.
- Do not drop or cause severe impact to your mobile phone.
- Do not use chemical products, cleaning solvents or detergents to clean your mobile phone.
- If your mobile phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the earthing points of the battery and battery charger do not come in contact with conductive objects.

## 5. Safety Information for Battery Usage

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a severe center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.

### Getting the best from your battery

- Do not use a damaged battery or charger.

- Use your battery for the specified purpose only.
- The closer you are to your network's base station, the longer your phone usage time because less battery power is consumed for the connection.
- The battery recharging time varies depending on the remaining battery capacity and the battery and charger type you use.
- Battery life inevitably shortens over time.
- Use an authorized battery and charger only.
- Since overcharging may shorten battery life, remove the phone from its charger once it is fully charged. Unplug the charger, once charging is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery within normal temperatures.
- Dispose of used batteries and recycle them in accordance with local regulations. Do not dispose of batteries by burning; they may explode.
- To prevent injury or burns, ensure that no metal objects come into contact with the + and – terminals of the battery.



## 5. Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

### **Call Barring**

Ability to restrict outgoing and incoming calls.

### **Call Forwarding**

Ability to re-route calls to another number.

### **Call Holding**

Ability to put one call on Standby while answering or making another call; you can then switch between the two calls, as required.

### **Call Waiting**

Ability to inform users that they have an incoming call while engaged on another call.

### **CLI (Caller Line Identification) Services**

Services allowing subscribers to view or block the telephone numbers of callers.

### **GPRS (General Packet Radio Service)**

New non-voice value-added service that allows information to be sent and

received across a mobile telephone network. GPRS guarantees a continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched mobile phone connections and Short Message Service (SMS).

### **GSM (Global System for Mobile Communication)**

International standard for mobile phone communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

### **MMS(Multimedia Message Service)**

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The Message supports presentation of various media types, such as full color images and polyphonic ringtones.

### **Multiparty Calling**

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

### **PIN (Personal Identification Number)**

Security code that protects the phone/SIM 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, as required.

### **PUK (PIN Unblocking 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**

Use of your phone when you are outside your home area (when travelling for example).

### **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 on the back of the phone and is protected by the battery.

### **SMS (Short Message Service)**

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.

### **Soft Keys**

Two keys (, ) marked on the phone, that:

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

### **Voice Mail**

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



## 6. Safety precautions

### *Using a mobile phone while driving may be prohibited.*

Please check local laws and regulations with regard to the prohibition of mobile phone use while driving, and comply with them.

Use of your phone while you are driving may disturb your concentration and so cause an accident. Always switch your phone off as soon as possible.

Should you use your phone in an emergency, either use a hands free device built into your car, or pull over in a safe place first.

### *Switch off in restricted areas*

Always switch your phone off in areas where mobile phone use is restricted.

### *Switch off in explosive or dangerous areas*

Always switch your phone off in areas with explosive or dangerous materials (such as fuels, fuel stations or areas containing chemical goods) and obey any instructions or signals. Do not remove your mobile phone's battery in such areas.

### *Switch off in aircraft*

Always switch your phone off or select **Flight Mode On** (press the [Menu] Soft key, select **9. Settings**, select **4. Phone**, and then select **3. Flight Mode**) when you are in an aircraft. The electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

### *Switch off in hospitals and near medical equipment*

Always switch your phone off in hospitals, and obey the regulations or rules of the hospital.

Switch your phone off when using medical equipment for private purposes, if possible. Always consult with the medical equipment's manufacturer or an expert regarding phone use near the medical equipment.

### *Installing a hands free device in your vehicle*

Install vehicle hands free devices away from the steering wheel and airbag expansion area, otherwise injury may result.

### *Mobile phones and other electronic devices*

Mobile phones emit electromagnetic waves that may affect nearby electronic devices. When it is switched on, do not place your phone close to delicate electronic equipment.

## 7. FCC & Industry Canada Regulatory Compliance

### FCC & Industry Canada Regulatory Compliance

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.

Your mobile device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile devices. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies: American National Standard Institute (ANSI), National Council of Radiation Protection and Measurements(NCRP), and International Commission on Non-Ionizing Radiation Protection (ICNRP). Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. The design of your phone complies with the FCC guidelines and applicable.

#### Statement according to FCC part 15.105

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### Statement according to FCC part 15.21

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

#### RF exposure FCC

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

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

#### Health and Safety Information FCC

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general

population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Ministry of Health (Canada), Safety Code 6. 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 1.6W/kg \*.

\* In the U.S. 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.

### **FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices**

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this

interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

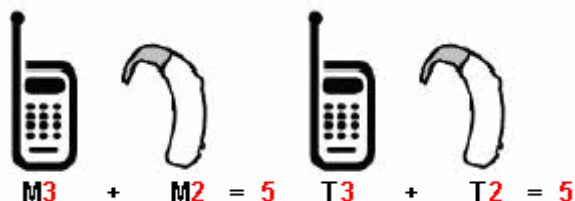
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.


$$\begin{array}{c} \text{M3} \\ \text{+} \\ \text{M2} \\ \text{= 5} \end{array} \quad \begin{array}{c} \text{T3} \\ \text{+} \\ \text{T2} \\ \text{= 5} \end{array}$$

In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN

components must be disabled during a call. See Page XX for instructions to disable these components.

\*\*This device contains GSM functions that are not operational in U.S. Territories; this filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.