









2208

GSM SYSTEM

User Manual

Index

CONTENTS	4
GENERAL INFORMATION	6
CARE AND MAINTENANCE YOUR PHONE	6
YOUR PHONE	7
KEYS AND CONNECTORS	7
GETTING STARTED	9
INSTALLING THE SIM CARD AND THE BATTERY	9
CHARGING THE BATTERY	10
SWITCHING THE PHONE ON AND OFF	10
KEYPAD LOCK	10
CALL FUNCTIONS	12
TO END THE ONGOING CALL AND RETURN THE CALL ON HOLD	13
INPUT METHOD	14
PHONE BOOK 	16
GROUPS	17
SPEED DIALING A NUMBER	17
MEMORY STATUS IN THE PHONE BOOK	18
COPY ALL	18
DELETE ALL	18
MESSAGE 	19
<i>Voice mail</i>	19
<i>Read messages</i>	19
TO WRITE MESSAGES	20
UNSENT AND OUTBOX MESSAGE	20
EDIT A TEMPLATE	20
<i>Message setting</i>	21

CALL RECORD	.....	22
<i>Missed calls</i>.....	.....	22
<i>Call duration</i> .....	.....	22
SETTING	.....	23
ALARM.....	.....	23
TIME & DATE SETTING .....	.....	23
DATE.....	.....	23
MELODY .....	.....	24
RING SETTING .....	.....	24
RING VOLUME.....	.....	24
RING OR VIBRATE.....	.....	24
KEY TONE .....	.....	25
<i>Ring composer</i> .....	.....	25
PROFILE	.....	33
EXTRAS	.....	35
CALENDAR.....	.....	35
CALCULATOR .....	.....	36
STOPWATCH .....	.....	36
TIME COUNTDOWN.....	.....	37
PICTURE EDITOR.....	.....	37
PICTURE EDITOR KEYS AND FUNCTIONS .....	.....	37
PICTURE DOWNLOAD MANAGEMENT .....	.....	38
SIM TOOLKIT	.....	38
GAME	.....	39
GENERAL INFORMATION.....	.....	42
BATTERY CARE.....	.....	42
ACCESS CODES.....	.....	42
CARE AND MAINTENANCE.....	.....	43

Contents

Your phone

- Keys and connectors
- Standby mode

Getting started

- Installing the SIM card and the battery
- Charging the battery
- Switching the phone on and off

Call functions

- Making a call
- Answering or rejecting an incoming call
- Call waiting
- Handling more than one call

Menu functions

1. Messages

- Compose
- Inbox
- Unsent
- Outbox
- Delete all
- Template
- Voice mail
- Setting

2. Phone book

- Search
- Add
- CLI
- Groups

- Speed dial
- Memory status
- Copy all
- Delete all

3. Call record

- Missed
- Received
- Outgoing
- Clear call
- Call duration

4. Setting

- Alarm
- Time & Date
- Melody
- Display
- Phone setting
- Call setting
- Security
- Reset all

5. Profile

- Normal
- Meeting
- Outdoor
- My profile

6. Extras

- Calendar
- Calculator
- Stopwatch
- Time countdown
- Picture editor

7. Game

8. WAP Service

General information

Care and Maintenance

Your phone

Keys and connectors—



Side key


- During a call, adjusts the earpiece volume.
- In standby mode, the keys adjust the ring volume.
- To reject an incoming call, press the side key twice.

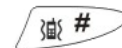


Soft key

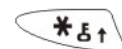
- The current functions are displayed in the bottom line of LCD. The soft key display as shortcut to access the sub menu.



- In standby mode, quick access to
 - ▶ **Profile**
 - ▲ **WAP**
 - ▼ **Phone book**
 - ◀ **Message service**
- In sub menu, use  to scroll up and down to select an item to view.













- Long press to activate Silent mode



- Long press to activate Keypad lock

Standby mode

In the main display

-  : Show the signal strength of the cellular network at current location.
-  : Shows the battery charge level.
-  : When your phone received one or several messages.
-  : When all your calls are diverted to a specified number.
-  : When the vibrate indicator is switched on.
-  : When the alarm clock is switched on.
-  : When the phone does not ring at an incoming call or message.
-  : When you miss the incoming call.
-  : Keypad lock
-  : When use of your phone when you are outside your home area.

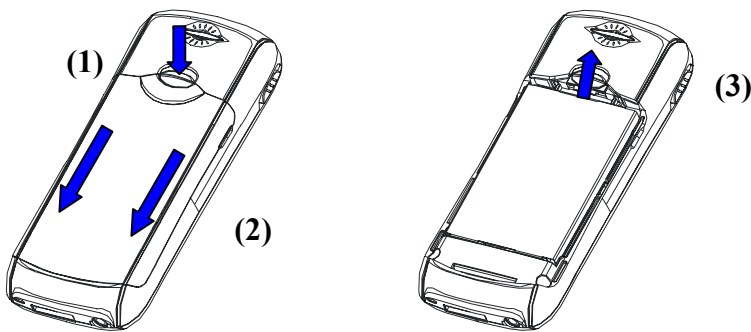
Getting started

Installing the SIM card and the battery

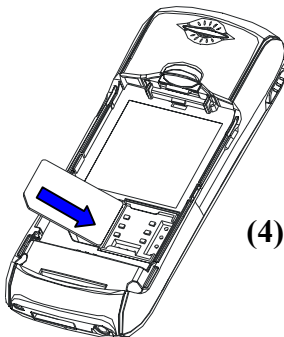
You need to insert the SIM card and charge the battery before using the phone.

- Keep all miniature SIM cards out of the reach of small children.
- Be careful to handle, insert or remove the SIM card since the SIM card and its contacts can easily be damaged by scratched or bending.
- Before installing/removing the SIM card, always make sure that the phone is switched off and then remove the battery.

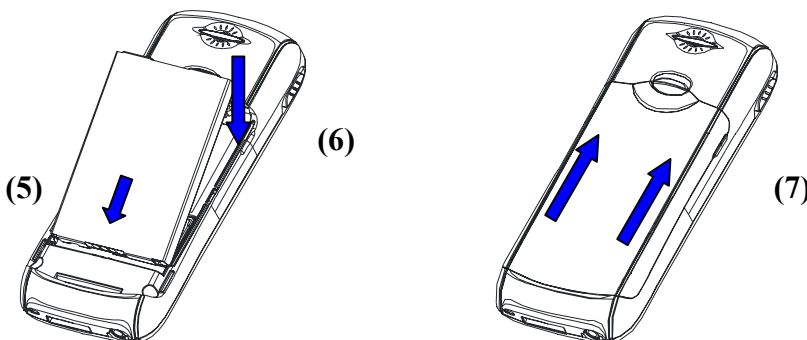
1. Press the back cover release button (1) and slide the back cover off the phone (2) and lift the battery away (3).



2. Insert and slide the SIM card under the SIM card holder (4).



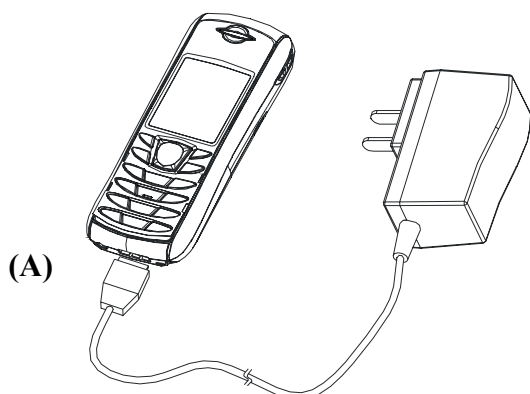
3. Install the battery on the back of the phone (5)(6) and push it (7) until you hear a click sound.





Charging the battery

You must fully charge the battery before using your phone for the first time.

1. Connect the lead from the travel adapter to the socket on the bottom of your phone. **(A)**
2. Connect the charger to an AC wall outlet.
3. It can take 5-15 minutes before a charging icon is shown in the display.
4. Disconnect the charger from the phone by pressing the tabs on side of the connector and pulling the connector out.



[A] *Note:* You can use the phone while the charger is connected but charging is suspended during that time.

[A] *Note:* When the battery is weak indicated by “” on the display, you will hear a warning sound. When the battery becomes too weak indicated by “” on the display, it switched off automatically.

Switching the phone on and off

- Press and hold the  .

[A] *Note:* If the phone shows “Insert SIM” when SIM card is properly inserted, contact your network operator or service provider.


- If the phone asks PIN code, key in the PIN code, and press **OK**.

[A] *Note:* Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Keypad lock

Your phone allows you to lock the keypad to avoid accidentally dialing.

To lock the keypad manually

1. Press and hold  key.

2. When the sub menu pops up in screen, select **keypad lock**, press **Select**.

To unlock the keypad

1. Press and hold  key.

2. Press **OK** to release keypad lock

Automatic keypad lock


If no keys are pressed after **25** seconds, the keypad will be locked automatically.

To switch the keypad lock or off

1. Press **menu**, choose **Setting**, press **select**.

2. Choose **Phone setting**, press **select**, choose **Key lock**, press **select**.

3. Choose **On** , **Off** or **Auto**, press **OK**.

 **Note:** When keypad lock is on, calls to the emergency number can still be made.

 **Note:** To answer or reject a call when keypad lock is on, press  or  .

Call functions


This gives you information about the calling service that support in your phone.

Making a call



- In standby mode, key in the number, including the area code, press .

 **Note:** Use ++ to move the cursor and use the soft key to delete the character.

Making a call from the phone book


1. In the standby mode, Press “Names”, choose Search, press Select.
2. Enter a name or press “Names“ to find a name, press  to call.


Making an international call

- For international calls, long press  for the international prefix (character +).
- Key in the country code, area code and the phone number.
- Press  to call.

Answering or rejecting an incoming call

To answer the incoming call

- Press  to answer the call.



 **Note:** This phone also provides you other answer modes for your option; please refer to ” **Answer mode setting**” on page 25.


To reject the incoming call

- Short press upper side key twice to reject the call.
- Press **Reject** to reject the call.

Call waiting

You can answer another incoming call while you have a call in progress.


- During a call, press  to answer the waiting call and the first call is put on hold.
- Press  to end the ongoing call.


 **Note:** Please to refer to “**Call waiting**” on page 26.

Handling more than one call

You can handle up to two lines simultaneously.

Making a second call

1. During a call, press **Option**, choose **Hold**, press **Select**.
2. Key in the numbers, press  to make the second call.

 **Note:** *You can only put one call on hold.*

Two calls on line

To swap between the two calls

- Press **Swap**. The first call is put on hold.

To end the ongoing call and return the call on hold

- Press .

Making a Conference call


This function is a network service that allows up to five persons to take part in a conference.

1. When receive the second call during a call, press **Option**.
2. Choose **Join call**, Press **Select**.

Input method

Before you start entering letters, you need to select the input method that you want to use when writing.


To select input method

1. In **Setting** menu, choose **Phone setting**, press Select.
2. Choose **Input select**, press **Select**, choose a selection, press .
3. Press **OK** to exit the menu.


To Changing case

- Short press  to change capital or lower-case letters.

To Change input method



- Long press  to change the input method (T9Ab, ABC, abc, 123)

To insert a space








- Press  to insert a space.






Traditional English input

- Press  to  and select the desired character.

 **Note:** Your phone provides Multi-tap function. For example, press  twice to display the letter B, and press three times to display the letter C.





Characters table

Key	Character
	Space - ? ! , . : ; ” ‘ < = > () _ 1
	A B C Å Ä Æ à Ç 2 Γ
	D E F è É 3 Δ Φ
	G H I ì 4
	J K L 5 Λ
	M N O Ñ Ö Ø Ò 6
	P Q R S β 7 Π Σ

	T U V Ü Û 8
	W X Y Z 9
	+ & @ / Ø % \$ € £ ¥ \ § ¨ ¡ 0 Æ Ψ Ω
	To activate keypad lock. To shift the case to lower-case and initial case.
	To activate Silent mode. To change text input.


Predictive English input

This predictive input method uses a built-in dictionary to recognize the most commonly used word for every sequence of key presses.

1. Press  to  only once and a word is suggested.
2. Press  to view alternative words.
3. Press  to enter a space a symbol.

Menu Structure

Phone book

You can save numbers and names in your phone or in SIM card. In addition, this phone allows you to store up to **100** numbers and names in phone memory. Names and numbers saved in the SIM card's memory are indicated by .

To save a phone number and a name

1. In standby mode, key in a number, press **Options**.
2. Choose Save, press **Select**, choose Save in SIM or Save in phone, press **Select**.
3. Key in the name and press **OK** to save number.

To edit a number and a name

1. In Phone Book menu, choose Search, press **Select**, choose Search, press **Select**,
2. Key in a name or press **Names** to find a name in the phone book.
3. Press **Detail**, press **Option**, choose Modify, press **Select** to edit.
4. Press **OK** to save the number.

Your phone also provides the following phone book selections for your option.

- **Call** : Allow you to call the number specified in the phone book.
- **Modify** : Allow you to edit a number and name saved in the phone book.
- **CLI** : Allow you to personalize caller's numbers saved in the phone.
- **Copy** : Allow you to copy a phone book number to another location (SIM or Phone).
- **Delete** : Allow you to delete a number and name saved in the phone book.
- **Group** : Allow you to set numbers and names in a specified group.
- **Cancel group** : Allow you to cancel numbers and names in a specified group.

To set the CLI (Calling Line Identification) in the phone book

Your phone allows you to recognize the incoming call by the specified ring signals, pictures and animations for personal calls saved and specified in the phone book.

To add CLI name list when add a number and a name

1. In Phone book menu, choose CLI, press **Select**.
2. Choose an item in CLI list, press **Select**, choose Assign, press **Select**.
3. Key in the number or press **Names** to select a name, press **Select**.
4. Choose Rings, Pictures or Animation, press **Select**, choose a selection, press **OK**.

Groups

You can send a message to all members of a group at the same time by this setting. Before using this function, you need to edit name list in Group list of Phone Book.

To add a name in a Group

1. In **Phone book** menu, choose **Search**, press **Select**.
2. Key in a name or press **Names** find a name in the phone book.
3. Press **Detail**, press **Option**, choose **Group**, press **Select**.
4. Choose a group, press **OK**.





Group edition

1. In **Phone book** menu, choose **Groups**, **Select**.
2. Choose a group, press **Select**, choose a selection, press **Select**.

Your phone provides the following selections for your option:

- **List members:**
Allow you to view the members specified in the group.
- **Add member:**
Allow you to add a member in the specified group.
- **Rename:**
Allow you to change the group name.
- **Ring type:**
Allow you to set a ring type for a group.
- **Pictures:**
Allow you to set a picture for a group.

Speed dialing a number

If you assign the number to one of the speed dialing keys (from  to ) saved in the phone book, you can call the phone number by long pressing the key (from  to ) in standby mode.

1. In **Phone book** menu, choose **Speed dial**, press **Select**.
2. Choose a speed key number you like, press **Select**.
3. Choose **Assign**, press **Select**, choose an entry in the phone book, press **OK**.

Memory status in the phone book

This phone allows you to view the phone book data in SIM and Phone.

1. In **Phone book** menu, choose **Speed Memory status**, press **Select**.
2. Choose **Memory status**, press **Select** to view the status.

Copy all


You can copy and transfer your phone data from SIM to your phone (or from phone to SIM).

1. In **Phone book** menu, choose **Copy all**, press **Select**.
2. Choose **Copy to phone** or **Copy to SIM**, press **Select**.

Delete all

Your phone allows you to delete all numbers and names stored in the phonebook.

1. In **Phone book** menu, choose **Delete all**, press **Select**.
2. At the prompt “*Are you sure?*” press **Yes**.

 **Note:** *The function will erase the numbers and names stored only in your phone.*


Message

Your phone services voice mail notification messages and text messages. Voice mail and short message service (SMS) are network service. Your phone also allows you to send and receive text messages contain pictures or melodies. A message with pictures was made up of several text messages. Therefore, sending message with pictures may cost more than sending one text message.



Voice mail

Your phone allows you to access your voice mailbox with a quick way if your operator provides this function.



- In standby mode, press and hold  to access your voice mail server directly.


 *To use this function, you may need to enter the voice server number obtained from your service provider.*

Read messages

When you have received a message, the indicator  will appear on the display. The blinking  indicates that the message memory is full. And before you can receive or send new messages, you need to delete some of your old messages.

1. In Standby mode, press Menu, choose **Message**, press **Select**.
2. **Message** menu, choose **Inbox**, press **Select**.
3. Choose a message, press **Read** to view the message.

 *Note: To scroll through the content of messages, press .*

 *Note: To key in the content, you can see “**Input method**” on Page 11.*

When read the message, your phone provides following selections for your options.

- **Reply:** Allow you to reply by sending a text message.
- **Forward:** Allow you to forward a text message.
- **Delete:** Allow you to delete the message in progress.
- **Add number:** Allow you to save the number in your phone book.
- **Call:** Allow you to call the number that show in the message.
- **Delete all:** Allow you to delete all messages stored in **Inbox**.

To write messages

Your phone allows you to write and edit text messages of up to 160 characters.

1. In Standby mode, press **Menu**, choose **Message** menu, press **Select**.
2. **Message** menu, choose **Compose**, press **Select**.
3. Key in the content, press **Option**, choose a selection, press **Select**.

☞ **Note:** To key in the content, you can see “Input method “ on Page 11.

☞ **Note:** To use picture message function, your network operator or service provider support is necessary. Only phones that contain this function can receive and display picture messages.

Your phone provides the following selections for your option:

- **Send single:** Allows you send a text message immediately.
- **Send group:** Allows you to send to a group that specified in your phone book.
- **Save:** Allows you to save a message and send it later.
- **Clear all:** Allows you to erase the text composed in edit screen.
- **Add symbol:** Allows you to add one more symbols in edit screen.
- **Insert object:** Allows you to add pictures in your message.
- **Use templates:** Allows you to insert templates specified in “**Templates**” in message menu.
- **Font style:** Allows you to choose different input font style edited in your message.

Unsent and Outbox Message

After sending out the message, the message is saved in the outbox folder. You can also save the message in the **Unsent mails** to send it later. You can see “**To write messages**” on *Page 17*.

Edit a template

If you use one or more messages that you send often, you can save these messages as templates in your phone. Your phone allows you to save up to five templates in your phone.

1. In Standby mode, press **Menu**, choose **Message** menu, press **Select**.
2. Choose **Template**, press **Select**, select a template, press **Edit**.
3. Key in the content, press **OK** to save the template.

Message setting

Your phone allows you to set up default setting on the SMS feature.

1. In Standby mode, press **Menu**, choose **Message** menu, press **Select**.
2. In **Message** menu, choose a selection, press **Select**.

Your phone provides the following setting selections for your option:

- **SMS center:** This is the service center that allows you to save or change the number of your SMS center required when sending text messages.
- **Valid time:** Allows you to set the length of time for which your text messages will be stored at the SMS center.
- **Format:** Allows you to send different types of messages if your network operator's service center can offer the function.
- **Delivery report:** Allows you to get the report whether your message has been delivered or not.
- **Reply path:** Allows the recipient of your SMS message to send you a reply through your message center.
- **Broadcast:** This is the network service that allows you to receive text messages on various topics, such as the weather or traffic.

Call Record

Your phone can save information for missed, received and dialed calls, and the length and cost of your calls.

 **Note:** *Once the call list exceeds the memory limitation, the oldest one is deleted.*

Missed calls

Your phone allows you to view the last ten unanswered calls. You can also edit the number or delete the number from the call list.

1. In **Call record** menu, choose **Missed**, press **Select**.
2. Press **Options** and choose a missed call, press **Select**.

Your phone provides the following selections for your option:

- **Call:** Allows you to call the number that show in the screen.
- **Delete:** Allows you to erase the number from the list.
- **Save:** Allows you to save the number in **phone book**.

Call duration

Your phone allows you to view the timers for calls made and received.

1. In **Call record** menu, choose **Call duration**, press **Select**.
2. Choose a selection, press **Select**.

Your phone provides the following selections for your option:

- Total
- Last
- Received
- Dialed
- Clear

Setting

Alarm

This function allows you to set the alarm to ring at the time specified. The alarm clock works even when the phone is switched off.

1. In **Setting** menu, press **Select**.
2. Enter time, press **OK**.
3. Choose **Once alarm** or **Repeat alarm**, press **Select**.

Time & Date setting

This function allows you to view and change the time and date set in your phone.

To set the Time

This function allows you to change the time displayed, using the 12-hour or 24-hour format.

1. In **Setting** menu, choose **Time & Date**.
2. Choose **Time**, press **Select**, choose **Set time**, press **Select**.
3. Enter the time, press **OK**.

To set the Time format

1. In **Setting** menu, choose **Time & Date**.
2. Choose **Time**, press **Select**, choose **Set time format**, press **Select**.
3. Choose **12 hours** or **24 hours**, press **OK**.

Date

This function allows you to change the date displayed in your phone.

To set the Date

1. In **Setting** menu, choose **Time & Date**.
2. Choose **Date**, press **Select**, choose **Set date**, press **Select**.
3. Enter the date, press **OK**.

To set the Date format

1. In **Setting** menu, choose **Time & Date**.
2. Choose **date**, press **Select**, choose **Set date format**, press **Select**.
3. Choose a selection, press **OK**.

Your phone provides the following date formats for your option:

- mm/dd/yy
- yy/mm/dd
- dd/mm/yy

Melody

This function allows you to select ring signal volume, choose among different ring signals or compose your own ring signals.

Ring setting


1. In **Setting** menu, choose **Melody**, press **Select**.
2. Choose **Ring setting**, press **Select**, choose a selection, press **Select**.
3. Choose a melody, press **OK**.

Your phone provides the following melody settings for your option:

- Incoming call
- Message
- Alarm
- Calendar

Ring volume

This function let you adjust the ringing volume to one of six levels.

1. In **Setting** menu, choose **Melody**, press **Select**.
2. Choose **Ring volume**, press **Select**.
3. Use  to adjust the ring volume, press **OK**.

Ring or Vibrate

This feature allows you to set the phone to ring or vibrate during an incoming call.

1. In **Setting** menu, choose **Melody**, press **Select**
2. Choose **Ring or Vibrate**, press **Select**.
3. Choose a selection, press **OK**.

Your phone provides the following ring type selections for your option:

- **Ring only:** The phone rings using the ringing tone set in Melody **Ring setting** menu.
- **Vibrate only:** The phone vibrates but doesn't ring.
- **Ring & vibrate:** The phone rings and vibrates both.
- **Vibrate first:** The phone vibrates a few seconds then rings.

Key tone

This function allows you to select the keypad tone type when you press a key.













1. In **Setting** menu, choose **Melody**, press **Select**.
2. Choose **Key tone**, press **Select**, choose **Key sound**, press **Select**.
4. Choose **Tone** or **DTMF**, press **Select**.

Ring composer

This phone allows you to compose five ringing melodies.

- In **Setting** menu, choose **Ring composer**, press **Select**.

Use the following key to compose melody,

-  : to enter c, the first note in the musical scale (Do).
-  : to enter d (Re).
-  : to enter e (Mi).
-  : to enter f (Fa).
-  : to enter g (Sol).
-  : to enter a (La).
-  : to enter b (Si).
-  : to raise an octave higher or drop an octave lower.
-  : to adjust a length of a note. Notice that the note length changes each time you press the key.
-  : to enter a note rest (p)
-  : to raise one semitone above the tone written.
-  : to decline one semitone above the tone written.

To play or save your melody, press **Options**.

To delete the notes

- Short press **Clear** delete the notes one by one
- Long press **Clear** soft key to delete all notes.

Display setting

Your phone allows you to set the display value to suit your preference.


Wallpaper

This feature allows you to set one of ten wallpapers in Main LCD display in standby mode.

1. In **Setting** menu, choose **Display**, press **Select**.
2. Choose a **wallpaper**, press **OK**.

Contrast

This function allows you to adjust the contrast of the LCD screen.

1. In **Setting** menu, choose **Contrast**, press **Select**.
2. Use  to adjust the contrast.

Greeting

This phone allows you to set a greeting animation or a message to be displayed briefly when the phone is switched on.

1. In **Setting** menu, choose **Display**, press **Select**.
2. Choose **Greeting**, press **Select**, choose **Animation** or **Text**, press **Select**.

Light

Your phone allows you to select whether or not the phone uses the backlight.

1. In **Setting** menu, choose **Light**, press **Select**.
2. Choose **off** or **on**, press **Select**.

Phone setting

Language



This phone allows you to set a language for the display in this phone.

1. In **Phone setting** menu, press **Select**.
2. Choose a **Language**, press **Select**, choose a selection, press **Select**.

Input select

You can select input methods in this phone.


1. In **Phone setting** menu, press **Select**.
2. Choose **Input select**, press **Select**.
3. Choose an input method, press **OK**.

 **Note:** You can use  # to select the input methods for your preference.

Network selection

This Network selection feature allows you to indicate whether the network used when roaming is selected automatically or manually.

1. In **Phone setting** menu, press **Select**.
2. Choose **Network selection**, press **Select**.
3. Choose **Auto** or **Manual**, press **Select**.

 **Note:** You can select a network other than your home network only if it has a valid roaming agreement with your home network.

Call setting

Accept list

This function allows you to receive calls only from certain numbers. Other calls are rejected by a busy tone. To activate the function, you need to save the numbers that you want to receive in an Accepted list. The numbers must first be saved in your phone book.

To activate Accept calls

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Accept list**, press **Select**.
3. Choose **on**, press **OK**.

To add numbers to the Accepted list

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Accept list**, press **Select**.
3. Choose **Edit**, press **Select**, press **Names** and choose an entry, press **OK**.

Time alert

This function allows you to set a time reminder during a call.

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Time alert**, press **Select**.
3. Choose a selection, press **OK**.

Your phone provide the following time alert selections for your option:

- Off
- Each minute
- User setting

 **Notice:** The minimum time for **User setting** is 30 seconds at least.


Answer mode

Your phone allows you to set an answer mode to answer incoming calls.


1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Answer mode**, press **Select**.
3. Choose an answer mode, press **OK**.

Your phone provides the following answer mode selections for your option:

- **Yes key:**

You can answer incoming calls using  key.


- **Any key:**

You can answer incoming calls using any key except  key and **Reject** soft key.



- **Auto:**

With the Auto answer function, the phone automatically answer calls after 4 seconds.

You can also turn this feature off.

 **Note:** *This function is only available when the phone is connected to earpiece.*

Speed dial

You can set digit keys  to  as speed dialing numbers for fast shortcut access.

To activate speed dial

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Speed dial**, press **Select**, choose **On**, press **OK**.

 **Note:** *Digit key  is used as shortcut for voice mailbox.*

Call waiting

This network service enables you to be informed when someone is trying to reach you during another call.

1. In **Setting** menu, choose **call setting**, press **Select**.
2. Choose **Call waiting**, press **Select**.
3. Choose **Activate** or **Cancel**, press **Select**.

 **Note:** Please refer to **Call waiting** on page 26.

Call divert

You can set the call condition by which calls are diverted to another numbers.

To Set call divert

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Call divert**, press **Select**.
3. Choose a condition, press **Select**, choose **Activate**, press **Select**.
4. Enter the number to which your calls to be diverted, press **OK**.

Your phone provides the following divert selections for your option:

- **Any time:**
All calls are diverted.
- **When busy:**
Calls are diverted when your phone is engaged on other calls.
- **No reply:**
Calls are diverted when the call is not answered.
- **Unreachable:**
Calls are diverted when you not in a location covered by your service provider.

To cancel call divert

1. In **Setting** menu, choose **Call setting**, press **Select**.
2. Choose **Call divert**, press **Select**.
3. Choose a condition, press **Select**, choose **Cancel**, press **Select**.

Security


Phone and SIM card are protected against misuse by several security codes.

PIN (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card.


To activate or cancel PIN code

1. In **Setting** mode, choose **Security**, press **Select**.
2. Choose **PIN**, press **Select**.
3. Key in PIN number, choose **on** or **off**, press **Select**.

 **Note:** *Your may need to obtain the password from your service provider.*


PIN2 code (4 to 8 digits)

The PIN2 code may be supplied with the SIM card. Some functions will require PIN2 support, such Set tariff.

 **Note:** *Your may need to obtain the password from your service provider.*

PUK and PUK2 (8 digits)

The PUN (Personal Unblocking Key) code is required to change a blocked PIN code.

 **Note:** *Your may need to obtain the password from your service provider.*

Phone code (4 to 8 digits)

Phone code protects the phone against unauthorized use. It is not on when you buy the phone. You can change the phone code (0000) to any four to eight-digit personal codes.

Call barring

This network service allows you to restrict your calls.

To activate the call barring

1. In **Setting** menu, choose **Security**, press **Select**.
2. Choose **Call barring**, press **Select**.
3. Choose a selection, press **Select**.

Your phone provides the following call barring selections for your option:

- **Outgoing:**
All outgoing calls are not allowed to make.
- **Int'l calls (international calls):**
International calls are not allowed to make.
- **ICEH (Internal Call Except Home):**
When abroad, calls can be made within the current the current country and to your home country, where your home network provider is located.
- **Incoming:**
All incoming calls are not allowed to receive.
- **Roam incoming:**
Incoming calls are not allowed to receive while using the phone outside your country.

 **Note:** Call barring is a network service, and need password for the settings.

FDN (Fixed Dial Number)


This function allows you to restrict your outgoing calls to a limited set of phone numbers.

To set FDN

1. In Setting menu, choose **Security**, press **Select**.
2. Choose **FDN**, press **Select**, enter PIN2 code, press **OK**.
3. Choose a selection, press **Select**.

Your phone provides the following selections for your option:

- Activate
- Cancel
- Status

 **Note:** To active the function, you may need to enter the PIN2 code.

Change codes


This feature allows you to change your current code to a new one. To change the code, you need to enter the current code before you can specify a new one.

To change the codes

1. In **Setting** menu, choose **Security**, press **Select**.
2. Choose **Change codes**, press **Select**.
3. Choose a selection, press **Select**.

Your phone provides the following code selections for your option:

- Change PIN
- Change PIN2
- Phone code

 **Note:** Please refer to *Security* on page 26.

Reset all

This feature allows you to reset your phone to its default configuration. Before start reset, you may need to enter the phones code. Refer to page 26.

1. In **Setting** menu, choose **Security**, press **Select**.
2. Choose **Reset all**, press **Select**.
3. Key in phone code, press **OK**.

Profile

Your phone the following profiles to customize the alert to meet a certain environments.

- **Normal:**
Your phone is set in standard profile, which is the factory setting.
- **Meeting:**
Your phone ring volume is set to be low and key tone is switched off in meeting profile.
- **Silent:**
Your phone ring and key tone volume is switched off and the vibrator is activated in silent profile.
- **Outdoor:**
Your phone ring and key tone volume is set to be loud.
- **My profile:**
Your phone sets to be a casual profile specified in Profile.
- **Handsfree:**
This profile is automatically activated when used with a portable handstree.
When disconnect your phone from the accessory, the profile is changed back to the one that was active before.

To activate the Profile

1. In **Profile** menu, Choose a profile, press **Select**.
2. Choose **Activate**, press **Select**.

Your phone provides the following profile setting selections for your personalize option:

- **Activate:**
To enable the profile specified.
- **Personalize:**
Change the profile sound settings to suit your preference.
- **Reset all:**
Allow you to reset the setting to factory default.

To Personalize the Profile

You can personalize the profile settings to meet your preference.

1. In **Profile** menu, choose a profile, press **Select**.
2. Choose **Personalize**, press **Select**.

Your phone provides the following selections for your personalize option:

- Silent
- Incoming call
- Message
- Calendar
- Alarm
- Calendar
- Ring volume
- Ring or vibrate
- Key tone
- Accept list

 **Note:** *You can change the profile to Silent or General quickly by long press * key.*

Extras

Calendar

In the calendar you can add tasks for things such as reminders, meetings, birthdays that you need to make. The phone sounds an alarm tone when the set date expires.

To make a note and reminder in Calendar

1. In **Extra** menu, choose **Calendar**, press **Select**.
2. Choose a day, press **Select**, choose **Make a note**, press **Select**.
4. Key in the note, press **OK**.
5. Choose **None** or **reminder**, press **Select** to save the note.

Your phone provides the following selections for your option:

- **View day:**
To view the task in specified day.
- **View all:**
To view all tasks made in the calendar.
- **Make a note:**
To add a note in specified day.
- **Go to date:**
To go to specified day for view and edit.
- **Delete:**
To delete a task or all tasks in made in calendar.

To delete a note

1. In Calendar menu, choose a date, press **Select**.
2. Choose **Delete**, press **Select**.
3. Choose **One by one** or **All**, press **Select**.



Calculator


The calculator in this phone adds, subtracts, multiplies, divides, and converts currency values.

To use the calculator

- In **Extra** menu, choose **Calculator**, press **Select**.

Your phone provides the following compose mappings for your option:

- : To change the symbol + (Add), - (Subtract) x (Multiply), ÷ (divide)
- : To get the result.

 **Note:** This calculator has a limited accuracy rounding errors may occur, especially in long divisions.


Stopwatch

This feature allows you time an event or record splits in this phone.

To use the stopwatch

1. In **Extra** menu, choose **Stopwatch**, press **Select**.
2. Choose **Start**, press **Select**.
3. Press the **Split** when you want to take an intermediate time and intermediate timers are listed below the display.
4. Press **Stop** to stop the time observation.
5. Press **Option** to choose **Save** or **Reset** the stopwatch.

 **Note:** You can use two soft keys to control the stopwatch.

 **Note:** Using the stopwatch consumes the battery and the phone's operating time will be reduced.

To use the stopwatch

1. In **Extra** menu, choose **Stopwatch**, press **Select**.
2. Choose **Start**, press **Select**.
3. Press the **Split** when you want to take an intermediate time and intermediate timers are listed below the display.

Time countdown

A set period elapses set in your phone, the last three seconds are indicated by a beep. At the end, a special beep sounds.

To use the Time count down

1. In **Extra** menu, choose **Time count down**, press **Select**.
2. Enter the period, press **OK**.

Picture editor

Allow you to edit your own picture in your phone.











To draw the picture





1. In **Extra** menu, choose **Picture editor**, press **Select**,
2. Press **Option**, choose **Edit** to start the drawing.
3. Press **Option**, choose **Save** to save the picture.

To edit a picture

1. In **Extra** menu, choose **Picture editor**, press **Select**,
2. Choose a picture, press **Select** to start edit.
3. Press **Option** and choose **Paste** to start the edit.

Picture editor keys and functions


Key	Use
	Move the cursor 1, 5, or 10 spaces.
	Put down the pen.
	Lift up the pen.
	Switch line thickness.
	Move the cursor up and left.
	Move the cursor up.
	Move the cursor up and right.
	Move the cursor left
	Move the cursor back the center.
	Move the cursor right.

	Move the cursor down and left.
	Move the cursor down.
	Move the cursor down and right.
	Switch between black and white pen colors.

Picture download management

All pictures download save in this file that allow you to edit or to set to be wallpaper.

1. In **Extra** menu, choose **Picture editor**, press **Select**.
2. Choose a picture, press **Select**.
3. Press **Options**, choose **wallpaper**.

 **Note:** You can see the wallpaper set from this function in Setting/ display/ wallpaper function.

CLI

You can see the edit pictures in Phone book/CLI/Picture data base and choose a picture to be CLI.。

1. In **Phone book** menu, choose **CLI**, press **Select**.
2. Choose an item, press **Select**.
3. Choose a name from your phone book, press **Detail**.
4. Choose **Picture** to select a picture.

 **Note:** 1~20 are default pictures, 20~40 are edit pictures.

 **Note:** Only 16x16 WBMP format picture allow in this database.


SIM toolkit

In addition to the functions available in the phone, your service provider may offer additional applications such as weather or stock market information via the SIM card.

To set the STK service

- In **Extra** menu, choose **STK**, press **Select**.

 **Note:** For availability, you need to register for the services from your service provider.

 **Note:** Accessing these services may involve sending an SMS for which you may be charged.

Game

New game options

1. New game:

Allow you to start a new game.



2. High scores:

Show the highest scores.

3. Help:

Show the play rule for the game.


To record names in High score table


1. Use  to change the character.
2. Use  to change the position.
3. Use right softkey to complete the edit.

WAP service


Your phones support Web Browser. You can obtain various services such as up-to date news, weather, sport, and other information as well as use e-mail and other Internet services. These services are designed and maintained by WAP service providers.

The WAP service use Wireless Markup Language (WML) on their WAP pages. You may not view the Internet web pages on your phone.

 **Note:** To activate WAP service, you may need to contact your service provider.

 **Note:** Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Homepage:

To launch the browser from the standby mode, press the  key in the top of the four way key. Once connected, the homepage is displayed. The content depends on the service provider.

To exit the browser, press  key.

Bookmark:

You can save the addresses of up to five Internet sites for easy access using Bookmark feature.

Go to:

You can open any WWW page by entering its URL address.

Edit book:

You can create or edit a local bookmark.

4. Choose a bookmark, press **Select**.
5. Choose **Edit**, press **Select**.
6. Enter the URL address
7. Press **OK**.

Your phone also provides you the following selections for your option.

- Send address: Allows you to open the selected page.
- Delete: Allows you to delete the selected bookmark.


Push inbox:

Your phone is able to receive service message sent by your service provider. Service messages are notifications of headlines or content, and they may contain address of a WAP service.

To access the Push inbox in standby mode, when you received a service message, press **Read**. And the message is moved to the **Push inbox** when you exit the message.

To Set the Push inbox

1. In **WAP** menu, choose **Push inbox**, press **Select**.
2. Choose **Push inbox setting**, press **Select**.
3. Choose **On**, press **OK**.

 **Note:** If you select **Off**, the phone will not receive service message.

To access the Push inbox in menu

- In **WAP** menu, choose **Push inbox**, press **Select**.

To access the Push inbox in browsing

1. Press **Option**, choose **Push inbox**, press **Select**.
2. Choose a message, press **Select**.

Your phone provides the following selections for your option:

- **Retrieve:** to activate the WML browser and download the indicated content.
- **Details:** to display detailed information on the service notification.
- **Delete:** to delete the selected service notification.

Clear cache:

The services you have accessed are saved in the cache of your phone. A cache is a buffer memory, which is used to save data temporarily.

To clear the cache

- In browsing, press **Option** and choose **Clear the cache**, press **Select**, or
- In standby mode, press **Menu**, choose **WAP**, press **Select**, choose **Clear cache**, press **Select**.

General information

Battery care

Your phone is powered by a rechargeable battery.

- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, you should buy a new battery at the time.
- Unplug the charger when not in use, and don't leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime.
- Overcharging may shorten its lifetime, and if left unused a fully charged battery may discharge itself over time.
- Temperature extremes can affect the ability of your battery to charge.
- Do not use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- Extreme temperatures will affect the charging capacity of your battery.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter condition.
- Do not short-circuit the battery. Short-circuiting the terminals may damage the battery or the connecting object.
- Dispose of batteries according to local regulations. Always recycle. Do not dispose of batteries in a fire.

Access codes

PIN code (4 to 8 digits):

The PIN (Personal Identification Number) code protects your SIM card against unauthorized. Your SIM card usually supplies the PIN code.

PIN2 code (4 to 8 digits)

The PIN2 code may be supplied with the SIM card. Some functions will require PIN2 support, such Set tariff.

PUK and PUK2 (8 digits)

The PUN (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code.

Phone code (4 to 8 digits)

Phone code protects the phone against unauthorized use. It is not on when you buy the phone. You can change the phone code (0000) to any four to eight-digit personal codes.

Care and Maintenance

Read this information before using your mobile phone.

Your mobile phone is a highly sophisticated electronic device. When using your phone, battery, charger or any accessory, please read this first.

Product care

- Keep your mobile phone and all its parts out of young children's reach.
- Keep your mobile phone dry.
- Avoid exposing your mobile phone to extreme hot or cold temperatures.
- Avoid placing your mobile phone close to lit cigarettes, naked flames or any heat source.
- Do not attempt to disassemble it. Non-expert handling of the device may damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not paint your mobile phone as the paint could obstruct the earphone, microphone or any moveable parts and prevent normal use.
- Treat your mobile phone with care, keep it in a clean and dust free place.

Important Safety Information

Radio frequency energy

Your mobile phone is a radio transmitter and receiver. When the phone is turned on, it receives and transmits radio frequency (RF) energy. Depending on the type of mobile phone you possess, it operates on different frequency ranges and employs commonly used modulation techniques. The system that handles your call when you are using your phone controls the power level at which your phone transmits.

Electronic devices

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone, therefore:

- Do not use your mobile phone near medical equipment without requesting permission.

Pacemaker

Mobile phones may affect the operation of some implanted cardiac pacemakers and other medically implanted equipment. Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some hearing aids might be disturbed by mobile phones. In the event of such disturbance, you may want to consult your service provider, or call the customer services line to discuss alternatives.

Aircraft

- Turn off your mobile phone before boarding any aircraft.
- Do not use it on the ground without crew permission

To prevent interference with communication systems, you must not use your mobile phone while the plane is in the air.

Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. It is rare, but your phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fuelling areas, such as petrol station, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.; and any other area where you would normally be advised to turn off your vehicle engine.

Driving

Check the laws and regulations on the use of mobile phones in the areas where you drive. If you are going to use your phone while driving, please:

- Give full attention to driving
- Use handsfree. Law in many countries requires vehicle handsfree.
- Pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. in addition, some vehicle manufacturers do not allow use of mobile phones, unless the installation is supported by a handsfree kit with an external antenna, in their vehicles. Check with your vehicle manufacturer's representative to be sure that your mobile phone will not affect the electronic systems in your vehicle.

Emergency calls

Important:

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies)

Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service provider.

FCC Regulations:

- This model phone complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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

- This model phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

- The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

- This mobile phone is in compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

▶ RF Exposure Information (SAR)

This model phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.06 W/kg for GSM850 and 0.776 W/kg for PCS1900 and when worn on the body, as described in this user guide, is 0.676 W/kg for GSM850 and 0.591 W/kg for PCS1900. (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: PJO2208.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.