



Dual Band GSM/DCS1800 SGH-2200

OWNER'S MANUAL





ELECTRONICS

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Safety Precautions

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

For more detailed safety information, see Safety Information on page 90.

Road safety comes first

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

Switch off when refuelling

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

Switch off in aircraft

Mobile phones can cause interference. Using them on aircraft is both illegal and dangerous.

Respect special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Interference

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



Qualified service

Only qualified service personnel must repair cellular equipment. Use only approved accessories and batteries.

Use sensibly

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency calls

Ensure the phone is switched on and in service. Enter the emergency number (112 or another official emergency number) and press . Give your location. Do not end the call until given permission to do so. End the call by closing the flip cover or pressing .

IMPORTANT! Use only SAMSUNG-approved accessories. This phone is intended for use with a SAMSUNG-approved:

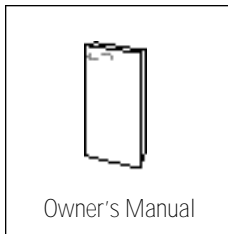
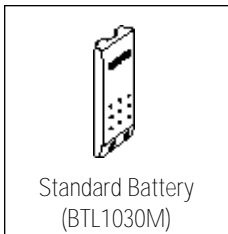
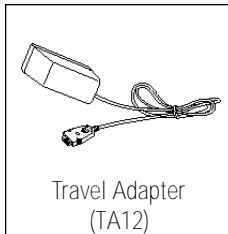
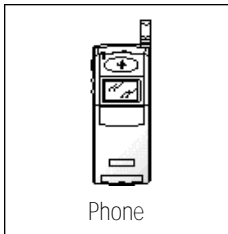
- Travel adapter (TA12)
- Desktop charger (DTC33)
- Cigarette lighter adapter (CLA12)

The use of any other power accessory will invalidate any approval or warranty applying to the phone, and may be dangerous.

When you disconnect the power cord of any accessory, grasp and pull the connector, not the cord.

Unpacking

Your package contains the following items.



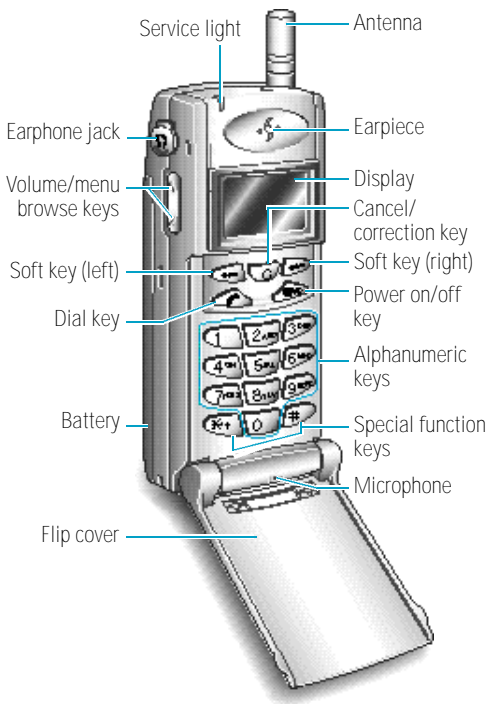
In addition, you can obtain the following accessories for your phone from your local SAMSUNG dealer:

- Desktop charger (DTC33)
- Cigarette lighter adapter (CLA12)
- Hands-free car kit (HFK220G)
- Slim, standard and long-life batteries (BTL631S, BTL1030M, BTL1630L)
- Data kit (DC010G)
- Earphone (EP010G); depending on the country, may be supplied in the standard package

Your Phone

Phone Layout









The following illustration shows the main elements of your phone.



Key Description



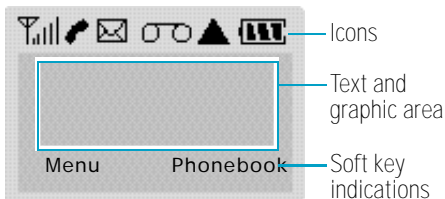
Perform the functions indicated by the text above them (in the bottom line of the display).

Key	Description
	Deletes characters from the display. <i>In the menu facility, returns to the previous menu level.</i>
	Makes or answers a call. <i>In idle mode, recalls the last number dialed.</i>
	Ends a call. Also switches the phone on and off when pressed and held. <i>In the menu facility, returns to the idle mode and cancels your input.</i>
	Enter numbers, letters and some special characters.
	
	Enter special dial characters.
	
	<p>(on the left side of the phone)</p> <p><i>During a call, adjusts the earpiece volume.</i></p> <p><i>In the menu facility, scrolls through the menu options and phonebook memory.</i></p> <p><i>In idle mode with the flip cover open, recalls the last missed call list (▲ key) and received call list (▼ key). In the edit mode, moves the cursor in the display.</i></p> <p><i>In idle mode with the flip cover closed, activates the backlight. When the ▲ key is held down, changes the silence mode.</i></p> <p>When the Any Key Answer option is Off, and an incoming call is received, sends a busy tone to the caller. When it is set to On, answers the incoming call.</p>

Display

Display Layout

The display comprises three areas.



Area	Description
First line	Displays various icons (see opposite).
Middle lines	Display messages, instructions and any information that you enter (number to be dialed, for example).
Last line	Shows the functions currently assigned to the two soft keys.

Icons

Icon

Description



Shows the received signal strength. The greater the number of bars, the better the signal strength.



Appears when a call is in progress.



Appears when a new short message has been received.
If the message memory is full, the icon flashes.



Appears when a new voice mail message has been received.



Appears when you are out of your home area and have registered with a different network (when travelling in other countries, for example).



Shows the level of your battery. The more bars you see, the more power you have left.

Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Backlight Time** option set in the **Phone Settings** menu. The backlight remains on at all times when the phone is connected to a car kit (optional).

To specify the length of time for which the backlight is active, set the **Backlight Time** menu option (**5-5**); see page 67 for further details.

Service Light

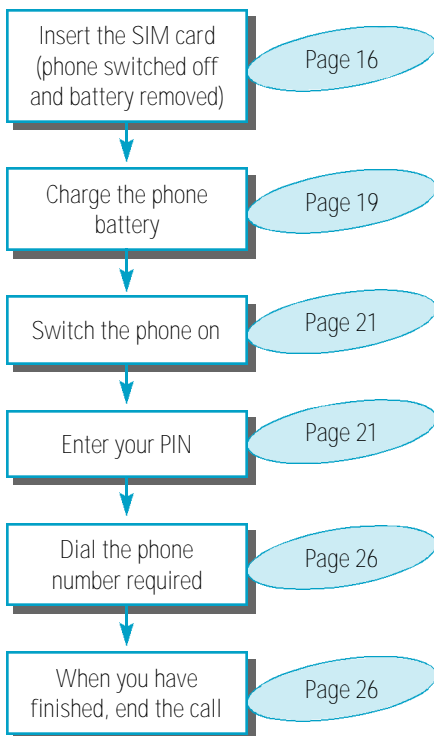
The service light is in the top left-hand corner of the phone. It flashes when:

- Services are available on the phone
- Incoming calls are received
- Short messages are received (provided that the **Message Alert** menu option (**4-6**) is set to **Light**; see page 63 for further details)

Getting Started

Your First Call

The following diagram explains the main steps required when making your first call and indicates the pages on which you can find more detailed instructions.




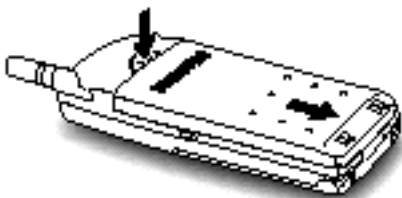
Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details (PIN, optional services available and so on).

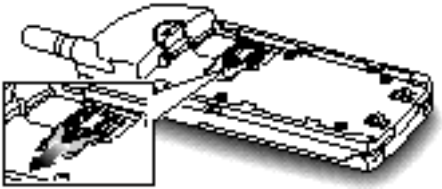
Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card.

Keep all SIM cards out of the reach of small children.

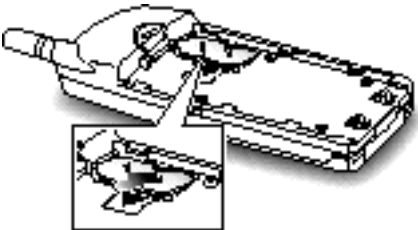
1. If necessary, switch off the phone by holding down the  key until the display turns off.
2. Remove the battery. To do so, push and hold down the catch above the battery on the back of the phone and slide the battery down the phone. Then lift the battery away.



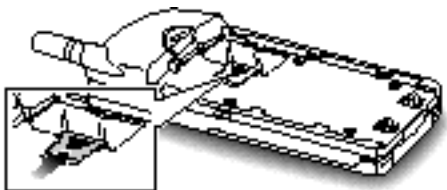
3. Slide the SIM card lock back and hold it in position.



4. Insert the SIM card ensuring that the cut corner is top left and the gold contacts of the card face into the phone.



5. Maintaining the SIM card in position, release the SIM card lock to hold the SIM card in place.



6. Place the battery back on the phone. Slide the battery up until it locks into place.



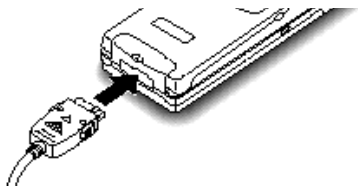
Charging a Battery

Your phone is powered by a rechargeable Li-Ion battery. A travel adapter is provided with your phone. Use only approved batteries and chargers. Ask your local SAMSUNG dealer for further details.

The phone can be used while the battery is charging.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery is fully recharged in approximately 180minutes.

1. Connect the lead from the travel adapter to the bottom of the phone. Check that the arrow on the lead connector is facing towards the front of the phone.

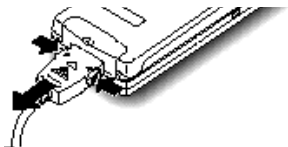


2. Connect the adapter to a standard AC wall outlet.

When the battery is charging, the battery icon in the top right-hand corner of the display fills repeatedly.

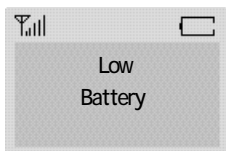
3. When charging is finished, disconnect the adapter from the power outlet.

Disconnect the adapter from the phone by pressing the grey tabs on either side of the connector and pulling the connector out.




Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, you will hear a warning tone and a message will be repeated at regular intervals on the display:

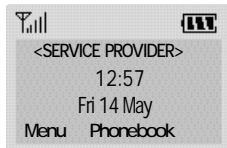


When the battery becomes too weak for the phone to operate, it switches off automatically.


Switching the Phone On/Off

1. Open the flip cover.
2. Hold down the  key for more than one second to switch the phone on.
3. If the phone asks for a PIN, key in the PIN and press the **Ok** soft key. For further details, see page 23.
4. If the phone asks for a lock code, key in the lock code and press the **Ok** soft key. The phone lock code is factory set to 0000. For further details, see page 22.

The idle screen, illustrated below, is displayed.



Note: The display language is factory set to English. To change the language, use the **Language List** menu option (5-3); for further details, refer to page 66.

5. When you wish to switch the phone off, hold down the  button for more than two seconds.

Access Codes

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

When requested for any of the codes explained below, key in the appropriate code (displayed as asterisks) and press the **Ok** soft key. If you make a mistake, press **C** one or more times until the incorrect digit is cleared and then continue entering the correct code.

The access codes (except for the PUK and PUK2 codes) can be changed using **Security Settings** menu options. See page 73 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 112, so that you do not dial an emergency number accidentally.

Phone Lock Code

The Phone Lock feature uses the phone lock code to protect your phone against unauthorised use. The phone lock code (1 to 4 digits) is supplied with the phone and is factory set to 0000.

To...	Refer to page...
Activate/deactivate the Phone Lock feature	74 (menu option 7-3).
Change the phone lock code	74 (menu option 7-2).

PIN

The **P**ersonal **I**dentification **N**umber or PIN (4 to 8 digits) protects your SIM card against unauthorised use. It is usually supplied with the SIM card.

If you enter an incorrect PIN three times in succession, the code is blocked and cannot be used until you unblock it by entering the PUK (see below).

To...	Refer to page...
Activate/deactivate the PIN Access feature	73 (menu option 7-1).
Change the PIN	74 (menu option 7-2).

PUK

The 8-digit PUK (**P**ersonal **U**nblocking **K**ey) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To change your PIN when the current PIN is blocked, proceed as follows.

1. Key in the PUK and press the **Ok** soft key.
2. Enter a new PIN of your choice and press the **Ok** soft key.
3. When the **Repeat New PIN** message is displayed, key in the same code again and press the **Ok** soft key.

If you enter an incorrect PUK ten times in succession, the SIM card becomes invalid. Contact your service provider for a new card.

PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions, such as setting the maximum cost of a call. These functions are available if supported by your SIM card.

If you enter an incorrect PIN2 three times in succession, the code is blocked and you cannot access the functions until you unblock it by entering the PUK2.

To change the PIN2, refer to page 74 (menu option **7-2**).

PUK2

The 8-digit PUK2 (**P**ersonal **U**nblocking **K**ey **2**), supplied with some SIM cards, is required to change a blocked PIN2. If you lose the code, contact your service provider.

To change your PIN2 when the current PIN2 is blocked, proceed as follows.

1. Key in the PUK2 and press the **Ok** soft key.
2. Enter a new PIN2 of your choice and press **Ok**.
3. When the **Repeat New PIN2** message is displayed, key in the same code again and press the **Ok** soft key.

If you enter an incorrect PUK2 ten times in succession, you will not be able to access the functions requiring the PIN2. Contact your service provider for a new card.

Password

The 4-digit network password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function. See page 78 for further details.

Using the Earphone

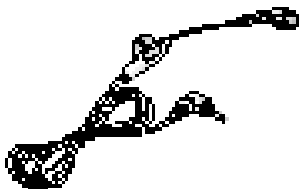
Note: The earphone may be an option in some countries. If you wish to purchase one, contact your local SAMSUNG dealer.

With the earphone, you can talk without using your hands. When you connect the earphone to the earphone jack on the left side of the phone, the earphone operates in the same way as the phone's speaker and microphone.

The button on the earphone allows you to answer or end a call without opening the flip cover or pressing a button on the phone. If you receive a second call, press the button to end the first call.


The **Call Ended** message is displayed for two seconds.

Press the button again to answer the second call.




General Functions

Making a Call

When the idle screen is displayed, key in the area code and phone number and press .

International Calls

1. Press and hold down the * key.
The + character appears.
2. Key in the country code, area code and phone number and press .

Correcting the Number

To clear...


The last digit displayed

Any other digit in the number

The whole display


Then...

Press the **C** key.

Press the  soft key until the cursor (|) is immediately to the right of the digit to be cleared. Press the **C** key.

Hold down the **C** key for more than one second.

Ending a Call

When you have finished your call, briefly press the  key.


Making a Call from the Phonebook

You can store the names and phone numbers that you call regularly in the SIM card and phone memory, known as the phonebook. You then simply select the required name to recall the associated number. For further details on the Phonebook feature, refer to page 35.

Emergency Calls

You can dial the emergency number even if:


- The handset is locked
- There is no SIM in the handset
- The handset cannot register with a network (roaming)





To call the emergency services, enter 112 and then press  or simply press the **SOS** soft key.

Note: If the phone is locked and you do not know the phone lock code, simply press the **SOS** soft key to call emergency services.



Last Number Redial

The phone stores the last 10 numbers dialled. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, clear the display by holding down the **C** key for more than one second.
2. Press  to display the last number dialled.

3. Use the  soft key (or the  and  keys on the left side of the phone) to scroll through the numbers until the required number is displayed.
4. To dial the number displayed, press .

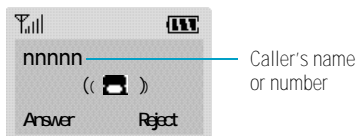
Adjusting the Volume

During a call, if you want to adjust the earpiece volume, use the volume keys on the left side of the phone. Press  to increase and  to decrease the volume.



Answering a Call

When somebody calls you, the phone rings and the phone icon in the middle of the screen flashes.



If the caller can be identified, the caller's phone number (or name if stored in your phonebook) is displayed. If the caller cannot be identified, the phone icon flashes and **No Number** is displayed.

1. If necessary, open the flip cover.

Press or the **Answer** soft key. If the **Any KeyAnswer** menu option (5-4) is set to **On** (see page 67), you can press any key to answer a call except for and the **Reject** soft key.

Note: To reject an incoming call, press the **Reject** soft key or .

2. End the call by closing the flip cover or pressing .

Note: You can also answer a call while using the phonebook or menu features.



Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, if this service is available. In this way, you can call the person back, if necessary.

The number of missed calls is displayed on the idle screen immediately after the call was missed.

- | 1. If the flip cover is... | Then... |
|-----------------------------------|---------------------------------|
| Closed | Open the flip cover. |
| Open | Press the List soft key. |

The number corresponding to the most recent missed call is displayed, if available. You may also use the ▲ key on the left side of the phone to view the list of the most recent missed call numbers.

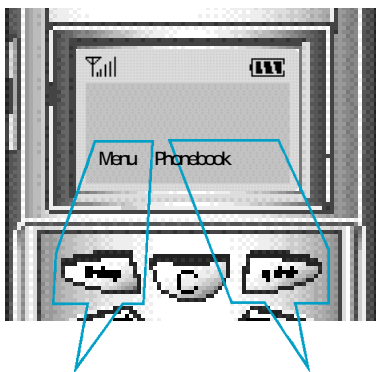
- | 2. To... | Then press the... |
|---|---|
| Scroll through the missed calls |  soft key. |
| Call the number displayed |  key. |
| Edit or delete a missed call number or view details of the call | Select soft key. |

Selecting Functions and Options

Your phone offers a set of functions that allow you to customise your phone. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked **...**. Each menu and sub-menu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the display just above each key indicates its current role.

Example:



Press the left soft key to enter the menu facility.

Press the right soft key to enter the phonebook facility.

To view the various functions/options available and select the one required, proceed as follows.

1. Press the appropriate soft key.

2. **To...**

Then press the...

Select the:

- Function displayed
- or
- Option displayed in inverse video

Left soft key.

View the next function or highlight the next option in a list

Right soft key or the ▼ key on the left side of the phone.

Move back to the previous function or option in a list

▲ key on the left side of the phone.

Move back up one level in the structure

C key.

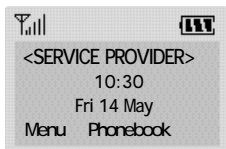
Exit the structure without changing the settings

 key.

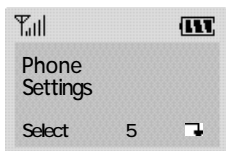
In some functions, you may be asked for a password or PIN. Enter the required code and press the **Ok** soft key.

Example: Setting the Text Language

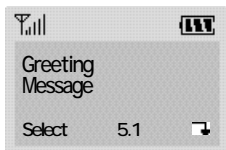
1. When the idle screen is displayed, press the **Menu** soft key to enter the menu facility.






2. Scroll through the menus until you reach the **Phone Settings** menu, by pressing the **↵** soft key (or the **▼** or **▲** keys on the left side of the phone).



3. To select the **Phone Settings** menu, press the **Select** soft key.








4. Scroll through the sub-menus until you reach the **Language List** sub-menu, by pressing the  soft key (or the  or  keys on the left side of the phone).



5. To view the languages available, press the **Select** soft key. The current language is displayed in inverse video.



6. Scroll through the list of languages until the appropriate one is highlighted, by pressing the  soft key (or the  or  keys on the left side of the phone).
7. Press the **Select** soft key to confirm your selection.
8. Press the **C** key twice or   once to exit the menu structure.

Phonebook

You can store phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 10 numbers and names in the phone memory. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called the phonebook.

Storing a Phone Number with a Name

As soon as you start to enter a number, **Save** appears above the left soft key to allow you to store the number in the phonebook.

1. Key in the number to be stored.
2. When you are sure that it is correct, press the **Save** soft key.

Notes:

- If you make a mistake while entering a number, correct it using the **C** key. For further details, refer to page 26.
 - To insert a dialling pause for special phone services, such as banking by phone, hold down number key **1**. '**P**' is displayed to indicate the pause.
3. Enter the corresponding name (the maximum length depends on your SIM card). For information on how to enter a name, see page 36.
 4. When you are satisfied, press the **Ok** soft key.

5. Select the memory in which you wish to save the number.
 - **Free SIM:** Stores the number in the first free location in the SIM memory
 - **Free MEM:** Stores the number in the first free location in the phone memory

Note: If the selected memory is full, a warning message is displayed asking you to select the other memory.
6. When you are satisfied, press the **Save** soft key. The phone now displays the first free location in the memory that you selected.
7. If you do not want to save the number and name in the suggested location, press the **C** key to clear the location number and enter your preferred location by pressing the number keys.
8. Press **Ok** to store the name and number.

Entering a Name

1. Press the key labelled with the required letter:
 - Once for the first letter
 - Twice for the second letter
 - And so on

List of characters available:

Key	Characters in the Order Displayed	
	Upper Case	Lower Case
0	Space 0	Space 0
1	1 - . , : ; ' " ? ¿ ! ¡	1 - . , : ; ' " ? ¿ ! ¡
2	A B C 2 Ä Å Æ Ç	a b c 2 à ä å æ ß
3	D E F 3 É	d e f 3 è é
4	G H I 4	g h i 4 ì
5	J K L 5	j k l 5
6	M N O 6 Ñ Ò Ø	m n o 6 ñ ò ö ø
7	P Q R S 7	p q r s 7
8	T U V 8 Ü	t u v 8 ù ü
9	W X Y Z 9	w x y z 9
#	#	
*	/ () < = > % £ \$ ¥ ¤ @ & §	

- To switch between upper case and lower case characters, press the **Case** soft key. All subsequent letters will appear in the selected case until the **Case** soft key is pressed again.
- Select the other letters in the same way.

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 wait for a few seconds for the cursor to move right automatically, and then select the next letter. You can also move the cursor by using the ▼ or ▲ key. To delete letters, press the **C** key.

Speed Dialling

You can speed dial a number stored in the SIM. When the idle screen is displayed, press and hold the number key (**0-9**) corresponding to the location in which the required phone number is stored. To dial the number stored in location 10, press number key **0**.

Searching for and Dialling a Number in the Phonebook

1. When the idle screen is displayed, press the **Phonebook** soft key.

The names stored in the phonebook are listed in alphabetical order.

You can also see the number of the selected entry and the total number of entries in the phonebook.

2. **To...**


Scroll through the phonebook

Look for a name starting with a different letter

- Then press the...**

↵ soft key (or the ▼ or ▲ key on the side of the phone) until the required entry is displayed in inverse video.


Key labelled with the required letter. Press the key once to find a name beginning with the first character printed on the number key, twice for the second character, and three times for the third character.

- Once you have found the required entry, press  to dial the number.


Phonebook Options

When storing or viewing the phonebook contents, **Option** appears above the left soft key to allow you to access the phonebook options.

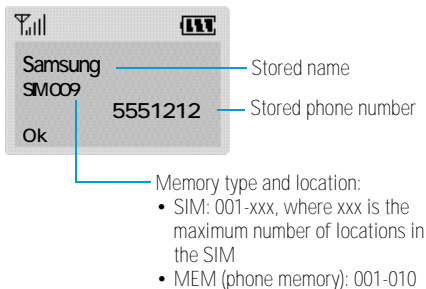
To access the various phonebook options, proceed as follows.

- Press the **Option** soft key. The first available option is displayed in inverse video.
- | | |
|-------------------------------|---|
| To... | Then press the... |
| Select the highlighted option | Select soft key. |
| Choose a different option |  soft key (or the ▼ or ▲ keys on the side of the phone) until the required option is displayed in inverse video. |

The following options are available.

Search: allows you to search the phonebook for the name you entered. Key in the first letter(s) of the name. If the name shown is not the one required, use the  key to scroll through the memory.

View: displays the name, number, memory type and location number for the selected entry.



Edit: allows you to edit the number and name of the selected entry stored in memory.

Delete: allows you to erase the number and name of the selected entry stored in memory.

Add: allows you to add a new number and name to the memory.

Copy: allows you to copy a phonebook number to another location. Use this option to store a number similar to one already in memory; once copied, edit the number and store it in the phonebook.

In-Call Options


Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the **Option** soft key.

Switching the Microphone Off (Mute)


You can temporarily switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the other party to hear you.

To switch the microphone off temporarily, proceed as follows.

1. Press the **Option** soft key.
2. Press the  soft key to select the **Mute** option.
3. Press the **Select** soft key.
Your correspondent can no longer hear you.

To switch the microphone back on, proceed as follows.




1. Press the **Option** soft key.
2. Press the  soft key to select the **Unmute** option.


3. Press the **Select** soft key.
Your correspondent can hear you again.



Searching for a Number in the Phonebook

You can search for a number in the phonebook during a call.

1. Press the **Option** soft key.
2. Press the  soft key (or the  or  keys on the left side of the phone) to display the **Phonebook** option in inverse video.
3. Press the **Select** soft key.
The phonebook entries are listed.

When you press , a second call is made.


For a more detailed description of the Phonebook feature, refer to page 35.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can make another call while you have a call in progress if this service is supported by the network. Of these two calls, one is active and the other is on hold and you can swap between the calls.

To place a call on hold, use the **Hold** option. You can reactivate the call whenever you want, by pressing the **Unhold** soft key.

To make a call while you have a call in progress, proceed as follows.


1. Key in the phone number that you wish to dial or look it up via the **Phonebook** option.
2. Press  to dial the second call.
The first call is automatically put on hold.

Or alternatively, proceed as follows.

1. Put the current call on hold by pressing the **Option** soft key and select the **Hold** option.
2. Make the second call in the normal way.

To swap between the two calls, press the **Swap** soft key.


The current call is placed on hold and the call on hold is reactivated so that you can continue conversing with the other party.


When you have finished, end each call normally by pressing the  key.

Answering a Second Call

You can answer an incoming call while you have a call in progress, if this service is supported by the network and if you have set the **Call Waiting** menu option (**8-3**) to **Activate** (see page 79). You will be notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress, proceed as follows.

1. Press  to answer the incoming call.
The first call is automatically put on hold.
2. If you want to switch between the two calls, press the **Swap** soft key.

If you already have both an active and a held call and you receive a third call, the following options are available when you press .

End Active: allows you to end the active call and answer the incoming call.

End Held: allows you to end the call on hold and answer the incoming call.

Making a Multiparty Call


A multiparty call is a network service that allows up to six people to take part simultaneously in a multiparty or conference call. For more information, contact your service provider.

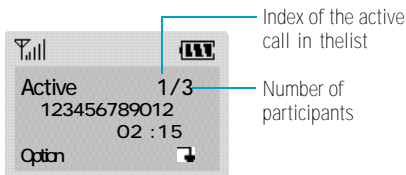
Setting Up the Multiparty Call

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 the multiparty call, press the **Option** soft key and select the **Join All** option.
4. To add a new person to the multiparty call, call the person in the normal way, then press the **Option** soft key and select the **Join All** option.

You can add incoming callers by answering the call and pressing **Option**, followed by **Join All**. Repeat as required.

Having a Private Conversation With One Participant

1. Scroll through the participants by pressing the  soft key repeatedly until the appropriate participant is displayed.






2. Press the **Option** soft key and choose the **Private** option. Now you can talk privately with that person. The other participants can continue to converse with each other.
3. To return to the multiparty call, press the **Option** soft key and select **Join All**. All the multiparty call participants can now hear each other.

The following options are also available.

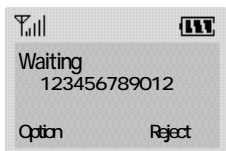
Hold All: allows you to put the whole active call on hold.


Transfer: allows you to connect two participants, when one is on hold and the other is active; you are then dropped from the call.

Note: To drop another participant, scroll through the participants by pressing the  soft key repeatedly until the appropriate one is displayed and then press  .

Rejecting a Waiting Call

If you have subscribed to the Call Waiting network service and activated it (menu option **8-3**; see page 79), you can reject the waiting call and continue with your current conversation. When the second call is received, the phone rings and the following screen is displayed.




To reject the waiting call, press the **Reject** soft key or .

Muting/Sending Key Tones

This feature allows you to turn the key tones off for a specific call. If you select the **DTMF OFF** option, your phone does not transmit the key tones during the call. The option is then automatically reset to **On**.

Note: To communicate with answering machines or computerised telephony systems, the **DTMFON** option must be selected.

Using the SMS Service

If you receive an SMS (Short Message Service) message during a call, the message icon () appears.

After you have finished your call, you can read the message: refer to page 58 for further details.

Using the Menus

A three-level menu structure is available to set the various options available on your phone. You can select the menu options in two different ways.

Using the Soft Keys

The two soft keys are used as follows.

Key	Purpose
Left soft key	Enters the menu structure. Also selects the option displayed. If the menu option selected has only two possible values (On or Off), the left soft key toggles between them.
Right soft key	Moves to the next option on the same level as the one displayed.

You can also use the ▼ and ▲ keys on the left side of the phone to move to the next or previous option on the same level as the one displayed.

Example: Checking your home mailbox number.

1. Press the **Menu** soft key.
2. Select the **Quick Access** option and then **Voice Mail Setup**, by pressing the **Select** soft key.

Your home mailbox number is displayed. For a more detailed description of the Voice Mail feature, refer to page 54.

Using the Index System

Each menu option is assigned a hierarchical number. You can use this number to access the corresponding option directly. Simply press the **Menu** soft key and key in the required number.

Example: Checking your home mailbox number.

1. Press the **Menu** soft key.
2. Enter **12**.
3. Press the **Select** soft key.

Your home mailbox number is displayed.

The numbers assigned to each option are indicated on the following menu map.

Menu Map

The following illustration shows the menu structure available and indicates the:

- Number assigned to each option
- Page on which you can find a description of each feature

1. Quick Access

- 1-1 Connect to Voice Mail
- 1-2 Voice Mail Setup
- 1-3 Service Directory

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2. Call Records

- 2-1 Last Dialed Calls
- 2-2 Last Received Calls
- 2-3 Last Missed Calls
- 2-4 Delete Recent Calls
 - 2-4-1 Dialed Calls
 - 2-4-2 Received Calls
 - 2-4-3 Missed Calls
 - 2-4-4 All Calls
- 2-5 Call Cost and Duration
 - 2-5-1 Last Call
 - 2-5-2 All Calls
 - 2-5-3 Maximum Cost
 - 2-5-4 Price and Unit

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3. Short Messages

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- 3-1 Read All Messages
- 3-2 Create Message
- 3-3 Message Setup
 - 3-3-1 Message Protocol
 - 3-3-2 Message Centre
 - 3-3-3 Reply Path
 - 3-3-4 Validity Period
- 3-4 Broadcast
 - 3-4-1 Read All Messages
 - 3-4-2 Receive
 - 3-4-3 Subject List
 - 3-4-4 Language List

4. Sound Settings

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- 4-1 Ring Type
- 4-2 Ring Volume
- 4-3 Alert Type
- 4-4 Keytone Type
- 4-5 Keytone Volume
- 4-6 Message Alert
- 4-7 Warning Tone
- 4-8 Minute Tone

5. Phone Settings

Page 65

- 5-1 Greeting Message
- 5-2 Own Number
- 5-3 Language List
- 5-4 Any Key Answer
- 5-5 Backlight Time
- 5-6 Auto Redial
- 5-7 Auto Answer
- 5-8 Caller Number
- 5-9 Factory Reset

6. Clock Settings

- 6-1 Alarms
- 6-2 Time Setup
 - 6-2-1 Set Time
 - 6-2-2 World Time

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7. Security Settings

- 7-1 PIN Access
- 7-2 Change Codes
 - 7-2-1 PIN Code
 - 7-2-2 PIN2 Code
 - 7-2-3 Password
 - 7-2-4 Lock Code
- 7-3 Phone Lock
- 7-4 Phonebook Lock
- 7-5 Fixed Dialling Number
 - 7-5-1 FDN List
 - 7-5-2 FDN Mode

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8. Network Services

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- 8-1 Call Divert
 - 8-1-1 Divert All Calls
 - 8-1-2 Divert when Busy
 - 8-1-3 Divert when Not Answered
 - 8-1-4 Divert when Not Found
 - 8-1-5 Cancel All Diverts
- 8-2 Call Barring
 - 8-2-1 No Outgoing Calls
 - 8-2-2 No Foreign Calls
 - 8-2-3 Only Local and Home Country
 - 8-2-4 No Incoming Calls
 - 8-2-5 No Incoming if Abroad
 - 8-2-6 Cancel All Barrings
- 8-3 Call Waiting
- 8-4 Caller Identity
- 8-5 Closed User Group
 - 8-5-1 CUG Select
 - 8-5-2 User Define CUG

9. Network Selection

Page 82

- 9-1 Selection
- 9-2 Preferred List
- 9-3 User Define List

Quick Access

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

Note: Voice Mail is a network feature. Please contact your service provider for more information.

Connect to Voice Mail

Menu 1-1

This option dials your voice mailbox.

Use the **Voice Mail Setup** menu option (**1-2**) to store your voice mailbox number.

Voice Mail Setup

Menu 1-2

You must declare the mailbox numbers to be dialled when you wish to connect to your Voice Mail (menu option **1-1**) and listen to your messages. Two mailbox numbers can be stored:

- Mailbox number to be dialled when you are on your home network
- Mailbox number to be dialled when you are roaming on other networks

Service Directory

Menu 1-3

If your SIM contains Service Dialling Numbers (SDN), this menu enables you to view the Service Directory and make calls from it.

Call Records

Last Dialed Calls

Menu 2-1

This option lets you view the last calls dialed.

You can also:

- Edit a number and save it in the phonebook
- Redial a number

The number of calls is dependent on your SIMcard.

To view details of a call in the list, scroll down to the required call and press the **Select** soft key.

Last Received Calls

Menu 2-2

This option lets you view the last 10 phone calls received. You can also:

- Edit a number if available and dial it or save it in the phonebook
- Dial a number

To view details of a call in the list, scroll down to the required call and press the **Select** soft key.

When the idle screen is displayed and the flip cover is open, you can also access the list of the last calls received by pressing the ▼ key on the left side of the phone.

Last Missed Calls

Menu 2-3

This option lets you view the last 10 unanswered calls. You can also:

- Edit a number if available and dial it or save it in the phonebook
- Dial a number

To view details of a call in the list, scroll down to the required call and press the **Select** soft key.

When the idle screen is displayed and the flip cover is open, you can also access the last missed calls by pressing the ▲ key on the left side of the phone.

Delete Recent Calls

Menu 2-4

This feature lets you erase the most recent calls.

The following options are available:

- **Dialled Calls**
- **Received Calls**
- **Missed Calls**
- **All Calls**

Select the required option and press the **Yes** soft key to confirm the deletion or **No** to cancel your action.

Call Cost and Duration

Menu 2-5

This network feature lets you view the cost of calls.

The following options are available.

Last Call: allows you to check or reset the cost and duration of the last call made.

All Calls: allows you to check or reset the cost and duration of all calls made. If you select the **Reset** option, you must enter your PIN2.


Maximum Cost: allows you to check or change the maximum limit for the cost of calls. If you select the **Change** option, you must enter your PIN2.

Price and Unit: allows you to set the cost of one unit; this price per unit is applied when calculating the cost of your calls. If you select the **Change** option, you must enter your PIN2.

Note: Not all SIM cards support the call cost feature. The number of items in these lists depends on the capacity of your SIM card.

Short Messages

The SMS (Short Message Service) feature is a network service and may not be supported by your network. Messages can be sent by fax, Internet, Paging, ERMES or X.400 messaging systems, provided that these services are supported by your network. To send short messages by phone, you must obtain the number of the SMS centre from your service provider.

When the  icon appears, you have received new short messages. If the message memory is full, an error message is displayed and you cannot receive any new messages. Use the **Delete** option in the **Read All Messages** menu (3-1) to delete obsolete messages.

Read All Messages

Menu 3-1

When the **Read All Messages** option is selected, the header of the first message is displayed:

- Message number
- Message status (New, Received, Saved, Sent)

To view this message, press the **View** soft key. The screen shows the:

- Message text
- Sender's phone number (if sent with the message)
- Date and time at which the message was received

To scroll through the messages, press the  soft key or the  or  keys on the left side of the phone.

You can choose the following options, by pressing the **Option** soft key.

Delete: allows you to erase the selected message.

Reply: allows you to send a reply to the sender.

Voice Call: allows you to call the sender back.

Edit: allows you to edit the message and destination. You can save, send, or save and send the edited message to the destination.

Extract: allows you to extract a number from the message text, so that you can call the number or save it in the phonebook.

Note: The options available vary, depending on the message status (New, Received, Saved, Sent).

Create Message

Menu 3-2

Via this menu, you can write short messages of up to 160 alphanumeric characters.

Note: For further information on how to enter the characters in your message, refer to page 36.

After you complete the message, you are asked to enter the destination. You can select a number stored in the phonebook.

When you have finished, the following options are available.

Send: allows you to send the message to the destination.

Save: allows you to save the message so that it can be sent later. When you read the message, **Saved** is displayed to indicate its state.

Save and Send: allows you to save a copy of the message and then send the message to the required destination. You can read the message using the **Read All Messages** option (3-1). **Sent** is displayed when you read the message to indicate its state.

Message Setup

Menu 3-3

Via this menu, you can set up default information for the SMS feature.

Message Protocol: allows you to set the default message type (Text, Fax, Voice Mail, ERMES, Paging, X.400 and Internet). The network converts the message into the selected format.

Message Centre: allows you to store or change the number of your SMS centre required when sending text messages. You must obtain this number from your service provider.

Reply Path: allows you to switch on when a message is sent; the person to whom you sent the message can then reply and the cost of the reply is charged to your telephone bill.


Validity Period: allows you to set the default time period for which your messages are stored in the SMS centre while attempts are made to deliver them. Possible values are one hour, two hours, six hours, one day, two days, one week, four weeks and six months.

Broadcast

Menu 3-4

This network service allows you to receive short messages on various topics, such as the weather or traffic. Please contact your service provider for more information.

The following options are available.

Read All Messages : lets you read all cell broadcast messages. Scroll through the message using the  soft key. At the end of the message, press the **Next** soft key to move to the next message.

Receive: allows you to enable or disable the reception of broadcast messages.

Subject List: allows you to select two sub-options. The **Active List** sub-option displays the current active list. You can add an entry or delete the selected entry from the list. The number of entries in the list depends on your SIM. The **User Define List** sub-option allows you to define up to five entries.

Language List: allows you to select your preferred language when displaying cell broadcast messages. The number of languages available depends on your SIM.

Sound Settings

You can use the Sound Settings feature to customise various settings, such as the:

- Ringing tone, volume and type
- Sounds made when you press a key, make an error or receive a message

Note: To switch to the silence mode, hold down the ▲ key with the flip cover closed. The phone displays **Silence**.

The phone vibrates instead of beeping when you press a key or are to be informed of an event.

Ring Type

Menu 4-1

This option allows you to select the required ringing melody. You can choose between fifteen melodies.

Ring Volume

Menu 4-2

This option allows you to adjust the ringing volume to one of eight levels. Use the ▲ and ▼ keys on the left side of the phone. The greater the number of bars, the greater the volume.

Alert Type

Menu 4-3

This option allows you to indicate how you are to be informed of any incoming calls. The following options are available.

Melody: the phone rings using the ringing melody selected via menu option **4-1**.

Vibration: the phone vibrates but does not ring.

Vib+Melody: the phone both rings and vibrates.

Light: only the backlight is switched on; the phone neither rings nor vibrates.

Keytone Type

Menu 4-4

This option allows you to select the tone that the keypad generates when you press a key.

The following options are available.

Off: the keys do not make any sound.

Tone: each key, when pressed, makes a different sound.

Beep: each key, when pressed, makes the same sound.

Keytone Volume

Menu 4-5

This option allows you to adjust the key volume to one of eight levels. Use the ▲ and ▼ keys on the left side of the phone.

Message Alert

Menu 4-6

This option allows you to select how the phone informs you that a new message has been received.

The following options are available.

Single: the phone beeps once.

Periodic: the phone beeps at regular intervals.

Light: the light on the top of the phone flashes.

Warning Tone

Menu 4-7

This option allows you to select how the phone informs you that you have made a mistake. The current status is displayed in the lower right corner.

On: the phone beeps differently from normal when you make a mistake.

Off: the phone beeps normally even when you make a mistake.

Minute Tone

Menu 4-8

This option allows you to specify whether the phone must beep every minute during an outgoing call to keep you informed of the length of your call.

On: the phone beeps every minute.

Off: the phone does not beep.

Phone Settings

Many different features of your phone can be customised to suit your preferences. All of these features are accessed via the **Phone Settings** menu.

Greeting Message

Menu 5-1

This option allows you to set a greeting message to be displayed briefly when the phone is switched on. The current message is displayed.

To...

Clear the existing message

Enter a new message

Change from upper case to lower case characters and vice versa

Move the cursor left without clearing the digits

Move the cursor right

Then press the...

C key and hold it down until the message is cleared.

Appropriate alphanumeric keys.

Case soft key.

▲ key on the left side of the phone.

▼ key on the left side of the phone.

For more information on entering characters, refer to page 36.

Own Number

Menu 5-2

This menu displays your phone number and allows you to edit it.

To...

Enter the international prefix (+)

Correct a digit

Clear the whole number

Move the cursor left without clearing the digits

Move the cursor right

Save the number displayed

Then press the...

***** key and hold it down until the + is displayed.

C key.

C key and hold it down until the number is cleared.

▲ key on the left side of the phone.

▼ key on the left side of the phone.

Save soft key.



Language List


Menu 5-3


You can select a display language.

Any Key Answer

Menu 5-4

Depending on the setting of the **Any Key Answer** option, you can answer an incoming call by pressing any key except  and the **Reject** soft key. To reject the call, press  or the **Reject** soft key.

On: you can press any key except  and the **Reject** soft key to answer the incoming call.

Off: you can only press  or the **Answer** soft key to answer the incoming call.

Use the **Select** soft key to change the status.

Backlight Time

Menu 5-5

You can select whether or not the phone uses the backlight. A marginal increase in standby/talk time can be achieved by turning the backlight off. The following options are available.

Off: the backlight is not used.

Short: the backlight comes on when you press a key or receive a call and switches off 10seconds after the last key is pressed.

Long: the backlight comes on when you press a key or receive a call and switches off 20seconds after the last key is pressed.

Auto Redial

Menu 5-6

With the Auto Redial function, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between two call attempts varies. To answer an incoming call, press any key or close the flip cover. Automatic redialling is stopped.

The following options are available.

On: the number is redialled automatically.

Off: the number is not redialled.

Auto Answer

Menu 5-7

This menu is used for a hands-free kit only. It allows you to answer incoming calls automatically.

On: an incoming call is answered after about three seconds.

Off: an incoming call is not answered automatically.

Caller Number

Menu 5-8

You can prevent your phone number from being displayed on the phone of the person being called.

Note: Some networks do not allow the user to change this setting.

The following options are available.

Default: the default setting provided by the network is used.

Hide Number: your number is not displayed on the other person's phone.

Send Number: your number is sent each time you make a call.

Factory Reset

Menu 5-9

You can reset some of the menu settings to their original values. The phone lock code is required for this function.

Note: The phone lock code is preset to 0000; refer to page 74 for further details.

Clock Settings

The Clock Settings feature enables you to:

- Set the current date and time
- Set the alarm so that the phone rings at a specific time (to remind you of an appointment for example)
- Find out what time it is in various cities around the world

Alarms

Menu 6-1

This option allows you to set a maximum of four alarms to ring at specific times. If at least one alarm is set, the alarm icon is displayed when the flip cover is closed.

Alarm List

This menu displays the list of alarms already set. To set an alarm, proceed as follows.

1. Press the **Option** soft key. The following options are available.

Add: allows you to set a new alarm.

Edit: allows you to view and edit an alarm already set.

Delete: allows you to delete the selected alarm.

Note: The **Edit** and **Delete** options are only available when you have set at least one alarm.

2. Choose the alarm frequency option.

Daily Alarm: the alarm rings every day at the same time.

Once Alarm: the alarm rings only once and is then deactivated.

Weekly Alarm: the alarm rings every week on the same day and at the same time.

3. Enter the required time.
4. Enter a message to remind you of why you set the alarm.
5. Press the **Ok** soft key.
The **Alarm Activated** message and alarm icon are displayed when the flip cover is closed.

To stop the alarm when it rings, simply open the flip cover.

Clear All

This menu clears all the alarms that you have set.


Time Setup

Menu 6-2

Set Time

This option allows you to change the current time and date.

World Time

You can use your phone to check the current time in 21 major cities around the world. Scroll through the cities using the  soft key.

The screen shows the:

- City name
- Current date and time
- Time difference between the selected city and your city if you have set the local time (see below for further details) or GMT (by default).

To select the time zone in which you are located, proceed as follows.

1. Select the city corresponding to your time zone by pressing the  soft key one or more times.

The local date and time are displayed.

2. Press the **Option** soft key.

3. **To...**

Update the current date/time with this new setting

Indicate that the time zone is currently using the daylight saving time

Indicate that the time zone is no longer using the daylight saving time

- Then press the...**

Set Local soft key.

Set DST soft key.
A bullet (•) is shown next to the time difference.

Remove DST soft key (only available when a bullet (•) is shown next to the time difference).

Security Settings

To access this menu, you must first enter the phone lock code. The Security Settings feature enables you to restrict the use of your phone to:

- The people of your choice
- The types of calls of your choice

Various codes and passwords are used to protect the features of your phone. They are described in the following sections (see also pages 22-25).

PIN Access

Menu 7-1

When the PIN Access feature is enabled, you must enter your PIN each time you switch the phone on. Any person who does not have your PIN cannot, therefore, use your phone without your approval.

Note: Before disabling the PIN Access feature, you must enter your PIN.

If this option is enabled on your SIM card and the service provider does not allow it to be changed, the option is not displayed.

To change your PIN, refer to menu option **7-2** on the following page.

Change Codes

Menu 7-2

This feature allows you to change the various codes (PINs, lock code and network password) used by the phone. You must enter the current code before you can specify a new one.

Once you have entered a new code, you are asked to confirm it by entering it again.

PIN Code: when the PIN Access feature is enabled, allows you to change your current PIN to a new one.

PIN2 Code: allows you to change your current PIN2 to a new one.

Password: allows you to change your current network password to a new one. This password is used to activate network call barring and is obtained from your service provider. It is not the same as the PIN for your SIM card.

Lock Code: allows you to change your current phone lock code to a new one. This code is factory set to 0000.

Phone Lock

Menu 7-3

When the Phone Lock feature is enabled, the phone is locked and you must enter a 4-digit phone lock code each time the phone is switched on.

The lock code is factory set to 0000. To change the phone lock code, refer to menu option **7-2**. Once the correct lock code has been entered, you can use the phone until you switch it off.

Phonebook Lock

Menu 7-4

When the Phonebook Lock feature is enabled, you must enter the 4-digit phone lock code each time you access the phonebook to dial numbers or store numbers in it.

Fixed Dialling Number

Menu 7-5

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

Note: If your SIM card does not support this feature, the menu option is not displayed.

FDN List: shows the fixed dialling number list.

The options available depend on whether the FDN mode is enabled or disabled.

To call a number in the list, press the  key twice.

If the FDN mode is disabled, you cannot call the number and the message **Check FDN Mode** is displayed for two seconds.

FDN Mode: enables or disables the FDN mode.

To change the FDN mode, you must enter your PIN2.

Network Services

These menu functions are network services. Please contact your service provider to check their availability and subscribe to them, if you so wish.

Call Divert

Menu 8-1

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You may wish to divert your business calls to a colleague while you are on holiday.

Call diverting can be set up in the following ways.

Divert All Calls: all calls are diverted.

Divert when Busy: calls are diverted if you are already making another call.

Divert when Not Answered: calls are diverted if you do not answer the phone; you can change the unanswered delay time.

Note: a network may impose a constant delay time.

Divert when Not Found: calls are diverted if you are not in an area covered by your service provider.

Cancel All Diverts: all call diverting options are cancelled.



You can specify individual diverting options for each of the following services:

- Voice service
- Asynchronous data service
- Fax service

Example: You can:

- Systematically divert fax calls to your office fax machine
- Divert voice calls to your colleague if you are already using the phone

To set your call diverting options, proceed as follows.

1. Select the type of call diverting required by pressing the  soft key until the appropriate option is displayed, and then press **Select**.
2. Select the service to be diverted by pressing the  soft key until the appropriate service is displayed and then press **Select**.
3. Select one of the following options.
Activate: activates the call diverting mode selected.
Cancel: cancels the call diverting mode selected.
Status: displays the current status.
4. Enter the number to which the service is to be diverted and press **Ok**.
To enter the international code, press * until the + sign is displayed.

The phone sends your settings to the network and the network's acknowledgement is displayed.

Call Barring

Menu 8-2

The call barring network service allows you to restrict your calls.

Call barring can be set up in the following ways.

No Outgoing Calls: calls cannot be made.

No Foreign Calls: international calls cannot be made.

Only Local and Home Country: when abroad, calls can be made only to numbers within the current country and to your home country, that is the country where your home network provider is located.

No Incoming Calls: calls cannot be received.


No Incoming if Abroad: calls cannot be received when you are using your phone outside your home service area.


Cancel All Barrings: all call barring settings are deactivated; calls can be made and received normally.

You can specify individual barring options for each of the following services:

- Voice service
- Asynchronous data service
- Fax service

To set your call barring options, proceed as follows.

1. Select the type of call barring required by pressing the  soft key until the appropriate option is displayed and then press **Select**.

2. Select the service to be barred by pressing the  soft key until the appropriate service is displayed and then press **Select**.
3. Select one of the following options.
 - Activate:** activates the call barring mode selected.
 - Cancel:** cancels the call barring mode selected.
 - Status:** displays the current status.

The phone sends your settings to the network and the network's acknowledgement is displayed.

To use the **Activate** and **Cancel** options, you must enter your network password.

Call Waiting

Menu 8-3

This network service enables you to be informed when someone is trying to reach you during another call. This feature is not available for fax and data services.

The following options are available.

- Activate:** activates the call waiting feature.
- Cancel:** cancels the call waiting feature.
- Status:** displays the current status.

Caller Identity

Menu 8-4

This menu option lets you view the following line identification settings.

Presentation Your ID:

Your phone number is displayed on the called person's phone when you make a call.

Restriction Your ID:

Your phone number does not appear on the called person's phone when you make a call.

Presentation Caller ID:

The caller's phone number is displayed on your phone when you receive a call.

Restriction Caller ID:

The caller's phone number is not displayed on your phone when you receive a call.

Closed User Group (CUG)

Menu 8-5

This network service allows incoming and outgoing calls to be restricted to a selected user group. You may be a member of any of 10 user groups. For details on how to create, activate and use a closed user group, contact your service provider.

Example: A company lends SIM cards to its employees and wants to restrict outgoing calls to members of the same team.

CUG Select: allows you to select a group. The **Default** option allows you to select a user group on which you have agreed with the service provider. If you select the **Not CUG** option, the CUG feature is deactivated.

User Define CUG: The list of current CUGs is displayed. The **Add**, **Edit**, **Delete** and **Delete All** options are available.

If the CUGlist has 10 items, the **Add** option is not available. If the CUG list is empty, the **Edit**, **Delete** and **Delete All** options are not available. You can select this CUGlist via the **CUG Select** option.

Note: You may communicate a default CUG to your service provider. If you have done so, you can enable the **Default** option on your phone. When making a call, you will be given the option of using your default CUG, instead of selecting one from the list.

Network Selection

The Network Selection feature enables you to:


- Indicate whether the network used when roaming (outside your home area) is selected automatically or manually
- Set up a preferred list to be used when selecting a network automatically

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

Selection

Menu 9-1

To indicate whether the network is to be selected automatically or manually when roaming, proceed as follows.

1. When **Selection** is displayed, press the **Select** soft key.
2. Press the  soft key until the appropriate option is highlighted and press the **Select** soft key.

If you select **Automatic**, you are connected to the first network in the preferred list that is available when roaming.

If you select **Manual**, the phone scans for the available networks. Go to Step 3.

3. Press the  soft key until the preferred network is highlighted and press **Ok**.


You are connected to that network when roaming.

Preferred List

Menu 9-2

This menu allows you to list your preferred networks to be used when roaming. Your phone uses the networks in order of appearance in this list, provided that the network is available. The list can contain up to eight networks.

When you select this option, the current preferred list is displayed if it already exists (see the procedure below).

1. To scroll through the list, press the  soft key until you find the required network.
2. Press the **Option** soft key. The following options are available.

Append: allows you to append a new network to the end of the preferred list.


Delete: allows you to delete the selected network from the preferred list.

3. Repeat the above steps as required.

User Define List

Menu 9-3

With this menu, you can include up to five new networks, the codes of which are not known to the phone.

1. To scroll through the list, press the  soft key until you find the required network.
2. Press the **Option** soft key. The following options are available.

Add: allows you to add a new network to the user define list. Please contact your service provider for more details.

Edit: allows you to edit each entry in the list by declaring the country code, network code and name.

Delete: allows you to delete the selected network from the user define list.

3. Repeat the above steps as required.

Solving Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

When you switch your phone on, the following messages appear

Insert SIM

- Check that the SIM card is correctly installed.

Phone Locked

- The automatic locking function has been enabled. You must enter the phone's lock code before you can use the phone.

Enter PIN

- You are using your phone for the first time. You must enter the Personal Identification Number supplied with the SIM card.
- The option requiring that the PIN be entered each time the phone is switched on was enabled. You must enter your PIN and then disable this option if so required.

Enter PUK

- The PIN code was entered wrongly three times in succession and the phone is now blocked. Enter the PUK supplied by your network operator.

“No Service” is displayed

- The network connection was lost. You may be in a weak reception area (in a tunnel or surrounded by buildings). Move and try again.
- You are trying to access an option for which you have not taken out a subscription. Contact the service provider for further details.


The phone does not beep when you press a key

- Have you set the key tone feature to off?
- Have you activated the silence mode?
To deactivate the silence mode, hold down the ▲ key on the left side of the phone.


You are not alerted audibly when you receive a call or a short message

- Have you activated the silence mode?
To deactivate the silence mode, hold down the ▲ key on the left side of the phone.

You have entered a number but it was not dialled

- Have you pressed the  key?
- Are you accessing the right cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on ( pressed for more than one second)?
- Are you accessing the right cellular network?
- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

- Have you switched off the microphone with the **Mute** option?
- Are you holding the phone close enough to your mouth? The microphone is located in the bottom centre of the phone.

The phone starts beeping and “Low Battery” is displayed

- The battery is insufficiently charged. Replace the battery and recharge it.

The audio quality of the call is poor

- Check the signal strength indicator in the display (⌵); the number of bars after it indicates the signal strength from strong (▬▬▬) to weak (▬).
- Try increasing the signal strength by moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you recall a phonebook entry

- Check that the numbers have been stored correctly.
- Re-store them, if necessary.

If the above guidelines do not enable you to solve the problem, take a note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG after-sales service.

Using the Batteries

Your phone is powered by a rechargeable Li-Ion 1000 mAh standard battery.

The following batteries are also available (ask your SAMSUNG dealer for further details):

- BTL631S slim battery (600 mAh)
- BTL1030M standard battery (1000 mAh)
- BTL1630L long-life battery (1600 mAh)

Precautions When Using Batteries

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

- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-Ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Safety Information

Road Safety

- Remember, road safety always comes first!
- Do not use a hand-held phone while driving a vehicle. Always park the vehicle before having a conversation.
- Make sure that the phone is stored safely and will not fall or be broken in the event of a collision or emergency stop.
- The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.
- Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the unit.
- Electronic fuel injection, anti-skid braking, electronic cruise control or any other electronic systems may malfunction due to the lack of protection from radio signals. Check regularly that all cellular phone equipment in your vehicle is mounted and operating correctly.

Operating Environment

- Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

- Operation of any radio transmitting equipment, including cellular phones, may interfere with inadequately protected medical devices. Consult a physician or the manufacturer of the medical device if you have any questions. Other electronic equipment may also be subject to interference.
- As with other mobile radio transmitting equipment, you are advised that for satisfactory operations and personal safety, the equipment should only be used in the normal operating position.
- Always switch off the phone when at a refuelling point (service station). You are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft is illegal and may be dangerous to the operation of the aircraft or disrupt the cellular network. Failure to observe these instructions may lead to the suspension or denial of cellular telephone services to the offender, legal action or both.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill the warranty obligations and enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Rain, humidity and liquids containing minerals will corrode the electronic circuits.
- Do not use or store the phone in dusty, dirty areas as its components may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage the electronic circuits.
- Do not attempt to open the phone. Non-expert handling of the phone may damage it.
- Do not drop or knock the phone. Rough handling may damage the internal circuits.

- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in mild, soapy water.
- If the phone or any of its accessories are not working properly, take them to your nearest qualified service centre. The personnel there will assist you, and if necessary, arrange for the phone to be repaired.

Emergency Calls

Important! This phone, like any cellular phone, uses radio signals, cellular and landline networks, as well as user-programmed functions that cannot guarantee connection in all conditions. Therefore, you should never rely solely on any cellular phone for essential communications (medical emergencies for example).

Remember, to make or receive any calls, the phone must be switched on and in a service area with adequate cellular signal strength.

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



Glossary of Terms

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

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to reroute calls to another mobile or fixed line.

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 when engaged on another call.

GSM (Global System for Mobile Communication)

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

Inverse Video

Display mode in which the characters are displayed in a light colour on a dark background to indicate that the item is currently selected.

Line Identification Services

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

Lock Code

Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

Multi-party Calling

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

PIN (Personal Identification Number)

Security code that protects the phone against unauthorised 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 (up to 160 characters long) can be displayed, received, edited or sent.

Soft Keys

Keys marked ... on the phone, the purpose of which:

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

Voice Mail

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

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


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Quick Reference Card

Access the Menu Function

- ① Press the **Menu** soft key.
- ② Scroll with the  soft key (or  or  on the left side of the phone) through the list of menus until you reach the required menu.
- ③ Press the **Select** soft key.
- ④ Scroll with the  soft key through the list of setting options until the required option is selected.
- ⑤ Press the **Select** soft key to confirm.

- Each of the two soft keys ( ) performs the function indicated by the text above it (bottom line in the display).


Switch On/Off

Press and hold .

Make a Call

- ① Key in the number.
- ② Press .

End a Call

Briefly press .

Answer a Call

Open the flip cover
or
Press .

Adjust the Volume	Press ▲ or ▼ on the left side of the phone.
Store Numbers in the Phonebook	<ol style="list-style-type: none">① Type in the number.② Hold down the Save soft key.③ Enter the name.④ Press the OK soft key.⑤ When you are satisfied with the number, press the OK soft key.⑥ Select the location in which the number is to be saved.⑦ Press the Save soft key.
Search for a Number in the Phonebook	<ol style="list-style-type: none">① Press the Phonebook soft key.② Press the Option soft key and select Search.③ Enter the start of the name. You can search quickly with the initial character.④ Press the Find soft key.⑤ To scroll through the names, press the ■ soft key.⑥ To make a call, press ■.