



SCH-F519

User's Guide





Important safety precautions



Failure to comply with the following precautions may be dangerous or illegal.

Drive safely at all times

Do not use a hand-held phone while driving. Park the vehicle first.

Switch off the phone when refuelling

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

Switch off in an aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the phone near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

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



Be aware of special regulations

Meet 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.


Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

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

Emergency calls

Key in the emergency number for your present location, then press  .

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables.

Use of any unauthorised accessories could damage you and your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose used batteries according to the manufacturer's instructions.



At very high volumes, prolonged listening to a headset can damage your hearing.

Qualified service





Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 97.

About this Guide

This User's Guide provides you with condensed information about how to use your phone. To quickly learn the basics for your phone, please refer to "Get started" and "Step outside the phone."

In this guide, the following instruction icons appear:

-  Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
-  Indicates that you can get more information on the referenced page.
-  Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
- [] Indicates a key on the phone. For example, []
- < > Indicates a soft key, whose function is displayed on the phone screen. For example, <Menu>



- **Camera and camcorder**

Use the camera module on your phone to take a photo or record a video.

Special features of your phone



- **MP3 player**

Play music files using your phone as an MP3 player.



- **Melody composer**

Make your own melodies for your phone.



- **File viewer**

Open documents in various formats on the phone without corruption.



- **Bluetooth**

Connect to a headset or hands-free car kit using wireless Bluetooth technology.



- **Get personal with photo caller ID**

See who's calling you with their very own photo displays.



- **Name card**

Create name cards with your number and profile. Whenever introducing yourself to others, use this convenient name card.



- **Memory disk**

Connect your phone to a computer to copy files directly to and from it.



- **Calendar**

Keep track of your daily, weekly, and monthly schedule.



- **Alarm**

Use your phone as an alarm clock to wake you up in the morning or notify you of an impending event.

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Overview of menu functions

To access Menu mode, press <Menu> in Idle mode.

1 Calls	p.33	3 Multimedia	p.43	5 Message	p.60	8 Utilities	p.74
1 Missed	p.33	1 Take photo	p.43	1 New message	p.60	1 Today	p.74
2 Incoming	p.33	2 My album	p.48	2 Inbox	p.61	2 Calendar	p.75
3 Outgoing	p.34	3 Photo studio	p.53	3 Outbox	p.62	3 Task list	p.78
4 Rejected	p.34	4 Settings	p.57	4 Draft	p.63	4 Alarm	p.79
5 Air time	p.34			5 Settings	p.63	5 User memory	p.80
6 Area code	p.34	4 Display	p.57	6 SOS message	p.64	6 Voice tools	p.83
7 Call reject	p.35	1 Screen saver	p.57	7 Msg wallpaper	p.64	7 Memo pad	p.86
8 Call settings	p.35	2 Functional screen	p.57	8 Memory info	p.65	8 Calculator	p.86
2 Contacts	p.38	3 Menu type	p.58	6 Sounds	p.65	9 Countdown	p.87
1 Find	p.38	4 Power on/off	p.58	1 Ringer	p.65	0 Clock	p.88
2 Add	p.39	5 Dialing font	p.58	2 Ringer vol./type	p.65	* Bluetooth	p.89
3 Group settings	p.40	6 Time setting	p.58	3 Key tone	p.66	9 Settings	p.91
4 Speed dial	p.41	7 Backlight	p.59	4 Function alert	p.66	1 Security	p.91
5 Name card	p.42	8 Lighting	p.59	5 Hour alert	p.67	2 Input method	p.94
6 My phone #	p.42			7 Entertainment	p.67	3 Language/ اللغة	p.94
7 Memory info	p.42			1 Games	p.67	4 Domains preset	p.94
				2 MP3	p.68		
				3 Melody composer	p.71		

Unpack

Make sure you have each item

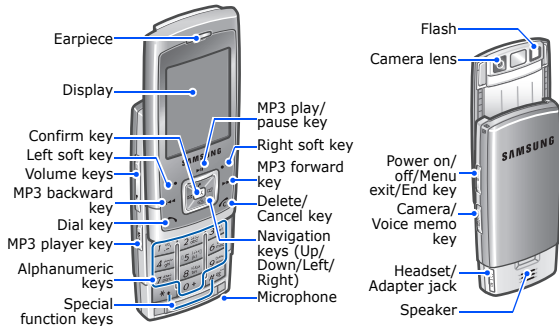
- Phone
- Travel Adapter
- Battery
- User's Guide



- The items supplied with your phone and accessories available at your Samsung dealer may vary, depending on your country or service provider.
- Use the purchased accessories with only Samsung-authorized devices. The use of these accessories with other devices could cause problems and any repair costs would not be covered by the warranty.

Your phone

Keys, features, and locations



Get started

First steps to operating your phone

UIM card information

When you subscribe to a cellular network, you receive a plug-in UIM (User Identification Module) card loaded with your subscription details, such as your PIN, and available optional services.

Install and charge the phone

- 1** Remove the battery cover.



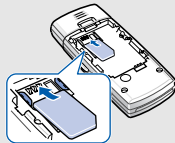
If the phone is already on, first turn it off by pressing and holding [⏻].



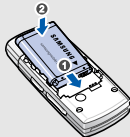
- 2** Insert the UIM card.



Make sure that the gold-coloured contacts on the card are face down.



- 3** Install the battery.



- 4** Reattach the battery cover.



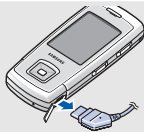
- 5** Plug the travel charger into the phone.



- 6** Plug the adapter into a standard AC wall outlet.


- 7** When the phone is completely charged (the battery icon becomes still), unplug the charger from the power outlet.

- 8** Remove the adapter from the phone.



Low battery indicator

When the battery is low:

- a warning tone sounds,
- the battery low message displays, and
- the empty battery icon  blinks.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Power on or off

Switch on Do not turn on the phone when mobile phone use is prohibited.	<ol style="list-style-type: none"> 1. Open the phone. 2. Press and hold [⓪] to turn on the phone. 3. If necessary, enter the PIN and press <OK>.
Switch off	<ol style="list-style-type: none"> 1. Open the phone. 2. Press and hold [⓪].

Keypad lock

When you close the phone, the keypad lock feature locks the exposed keys to avoid accidental key presses.

1. Press and hold [▲].
2. Press [Up] to unlock the keys or [Down] to keep the keys locked.

Airplane mode

You can switch the phone to Airplane mode, in which the phone functions requiring network connection are deactivated. This mode is helpful when you want to use your phone in a place where you are not allowed to use mobile devices, such as in an airplane and at a hospital.

To switch to Airplane mode, press <Menu> and select **Calls** → **Call settings** → **Airplane mode** → **On**.

In Airplane mode, you can use non-wireless functions, such as games, camera, and MP3 player.

Keys and display

Keys



Perform the functions indicated on the bottom line of the display.



In Idle mode, access the following menus directly:

- Up: My Menu ► p. 25
- Down: **Game**
- Left: **Message**
- Right: **Calendar**

In Menu mode, scroll through menu options.



In Menu mode, select the highlighted menu option or confirm input.



In the MP3 player, play or pause music.



Return to the previous file during music playback.



Skip to the next file during music playback.



Make or answer a call.
In Idle mode, retrieve numbers recently dialled, missed, or received.



Delete characters from the display.
In Menu mode, return to the previous menu level.



Enter numbers, letters, and some special characters.

In Idle mode, press and hold [0] to enter an international call prefix.



Enter special characters.

In Idle mode, press and hold [#] to activate or deactivate Silent mode.



End a call.

Press and hold to switch the phone on or off.

In Menu mode, cancel input and return the phone to Idle mode.



In Idle mode, enter the **Multimedia** menu. Press and hold to turn on the camera.

In Camera mode, take a photo or record a video.

During a call, press and hold to record your call conversation.



Adjust the volume.

In Idle mode, with the phone open, adjust the key tone volume. With the phone closed, press and hold [▼] to turn on the flashlight, if activated.

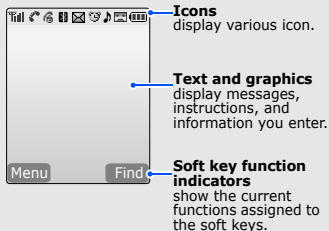
In Menu mode, scroll through menu options.















In Idle mode, enter the **MP3** menu. Press and hold to launch the MP3 player.

Display

Layout The display has three areas.



- Icons**
-  Received signal strength
 -  Roaming
 -  Call in progress

-  Out of your service area or Airplane mode; you cannot make or receive calls
-  Restriction on ► p. 92
-  SOS message feature active ► p. 64
-  Lock mode ► p. 91
-  Bluetooth active ► p. 89
-  New message
-  New voicemail
-  Urgent message
-  Alarm set ► p. 79

🎵 Ringer type setting ► p. 65

- 🎵 : Ringer only
- 🚫🎵 : Silent
- 🎵 : 1 Beep
- 📶 : Vibration
- 🎵📶 : Vib. & ringer
- 🎵📶 : Vib. then ringer
- 📶🎵 : Ringer then vib.

📶 Silent mode ► p. 15

📞 Answering machine feature active ► p. 84

🔋 Battery power level

Access menu functions

Use the soft keys



The roles of the soft keys vary depending on the function you have selected. The bottom line of the display indicates their current role.



Press the left soft key to access **Menu** mode.

Press the right soft key to access **Find** in the **Contacts** menu.

Select an option

1. Press a desired soft key.
2. Press the Navigation keys to move to the next or previous option.
3. Press **<Select>**, **<Ok>**, or **<Save>** to confirm the function displayed or option highlighted.
4. To exit, choose either of the following methods:
 - Press [] to move up one level.
 - Press [] to return to Idle mode.

Use shortcuts

Press the number key corresponding to the option you want.

Use My Menu

You can set up a menu of your own using your favourite menu items, which can then be accessed by specific number keys. ► p. 25

Customise your phone

Display language

1. In Idle mode, press **<Menu>** and select **Settings** → **Language/لغة**.
2. Select a language.

Call ringer melody

1. In Idle mode, press **<Menu>** and select **Sounds** → **Ringer**.
2. Press [Down] and press [Left] or [Right] to select a ringtone category.
3. Press [Up] or [Down] to scroll to a ringtone.
4. Press **<Play>** to listen to the selected ringtone.
5. When you find the melody you want, press **<Save>**.

Idle mode wallpaper

You can set wallpaper for the idle screen using various pictures.

1. In Idle mode, press **<Menu>** and select **Display** → **Screen saver**.
2. Select an image category.
3. Select an image.

Silent mode

You can switch the phone to Silent mode to avoid disturbing other people.

Press and hold [**#**] in Idle mode.

Phone lock

You can protect the phone against unauthorised use with a phone password.

1. In Idle mode, press **<Menu>** and select **Settings** → **Security**.
2. Enter the default password, **0000**, and press **<Ok>**.
3. Select **Change password**.
4. Enter a new 4-digit password and press **<Ok>**.
5. Enter the new password again and press **<Ok>**.
6. Select **Lock mode**.
7. Select **Once** or **On**.

Make/Answer calls

Make a call

1. Enter an area code and phone number.
2. Press [**↵**].
3. To end the call, press [**⓪**].

Answer a call

1. When the phone rings, press [**↵**].
2. To end the call, press [**⓪**].

Adjust the volume during a call

Press [**▲/▼**].

Step outside the phone

Begin with your camera, the MP3 player, and other special features

Use the camera

Take a photo


1. Open the phone.
2. In Idle mode, press and hold [Ⓜ/☎] to turn on the camera.
3. Press [2] and then [1], to select a camera mode.
4. Aim the lens at the subject and make any desired adjustments.

5. Press <**Capture**> or [Ⓜ/☎] to take a photo.
6. Press <**Save**>.
The phone returns to Capture mode automatically.

View a photo



1. In Idle mode, press [Ⓜ/☎] and select **My album** → **Gallery**.
2. Select a photo.

Record a video



1. In Idle mode, press and hold [Ⓜ/☎] to turn on the camera.
2. Press [2] and then [1], to select the  icon.

Record a video

(continued)

3. Press <●> or [/⌂] to start recording.
4. Press <■> or [/⌂] to stop recording.
5. Press <Save>.
The phone returns to Camcorder mode automatically.

Play a video

1. In Idle mode, press [/⌂] and select **My album** → **Gallery**.
2. Select a video clip ().
3. Press <Play>.

Play music

Copy MP3 files to the phone

You can copy MP3 files directly from a computer. ► p. 66

Create the play list

1. In Idle mode, press [**MP3**] and **MP3 files**.
2. Press <Options> and select **Add to play list**.
3. Press <Check> to select the files you want.
4. Press <Add>.
5. Press <Play> to begin playback.

Play MP3 music

1. In Idle mode, press and hold [**MP3**].
2. Press [**▶||**].
3. During playback, use the following keys:
 - [**▶||**]: pauses or resumes playback.
 - [**◀◀**]: moves to the previous file or the beginning of the file. Moves backward in a file when held down.
 - [**▶▶**]: skips to the next file. Moves forward in a file when held down.
 - **<Options>**: opens the option list.

- **<List>**: opens the play list.
- [**▲/▼**]: adjusts the volume.
- **<A-B>**: sets a section in a file to play the section repeatedly.

Use melody composer

Create a melody

1. In Idle mode, press **<Menu>** and select **Entertainment** → **Melody composer** → **Compose melody**.
2. Move the selection point up or down.

Create a melody

(continued)

3. Press **<Input>**.
4. Select a note or rest.
5. Repeat steps 2 to 4 to add more notes and rests.
6. Press **<Save>**.
7. Enter a melody name and press **<Save>**.

Play a melody

1. In Idle mode, press **<Menu>** and select **Entertainment** → **Melody composer** → **My melodies**.
2. Scroll to the melody you want and press **<Play>**.

Use Contacts

Add a contact

To the phone's memory:

1. In Idle mode, enter a phone number and press **<Save>**.
2. Select **New entry**.
3. Press **<Edit>**.
4. Enter a name and press **<Select>**.
5. Press [Left] or [Right] to select the phone memory.
6. Select a number type.
7. Specify contact information: Mobile, Home, Office, Pager, Fax, Image, E-mail1, E-mail2, URL, Group, Ringer, and Etc.

-
8. Press <**Save**> to save the contact.

To the UIM card:

1. In Idle mode, enter a phone number and press <**Save**>.
2. Select **New entry**.
3. Press <**Edit**>.
4. Enter a name and press <**Select**>.
5. Press <**Save**> to save the contact.

Find a contact

1. In Idle mode, press <**Find**>.
2. Enter the first few letters of the name you want.
3. Select a contact.

Find a contact (continued)

4. Scroll to a number and press [****] to dial, or press <**Edit**> to edit contact information.

Create a name card

1. In Idle mode, press <**Menu**> and select **Contacts** → **Name card** → **My Name Card.vcf**.
2. Press <**Options**> and select **Edit**.
3. Specify your contact information.
4. Press <**Save**> to save the name card.

Send/View messages

Send a text message

1. In Idle mode, press <**Menu**> and select **Message** → **New message**.
2. Enter the message text and press <**Next**>.
3. Press <**Next**>.
4. Enter destination numbers.
5. Press <**Send**> to send the message.

View a text message

When a notification appears:

Press <**Select**>. The message displays.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Message** → **Inbox** → a memory location.
2. Select a message.

Access voicemails

When a notification appears:

1. Press [↶]. The phone dials the voicemail center.
2. Follow the instructions from the system.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Message** → **Inbox** → **Voice mail**.
2. Follow the instructions from the system.

Send SOS messages

Set up the SOS message options

1. In Idle mode, press <**Menu**> and select **Message** → **SOS message**.
2. Press [Left] or [Right] to select **On** to activate the SOS message feature.
3. Move to the **Recipients** line and press <**Add**>.
4. Enter the phone numbers to which you want to send SOS messages and press <**Save**>.

5. Move to the **Number of sending** line.
6. Select the number of times the phone will repeat sending SOS messages.
7. When you have finished, press **<Save>**.

Send an SOS message

In Idle mode, with the phone closed, press [▲/▼] 4 times.
The phone sends the message.

Use Bluetooth

Your phone is equipped with Bluetooth technology which enables you to connect the phone wirelessly to a Bluetooth headset or hands-free car kit.

Turn on Bluetooth

1. In Idle mode, press **<Menu>** and select **Utilities** → **Bluetooth** → **Activation** → **On**.
2. Select **Visibility** → **On** to allow other devices to find your phone.

Search for and connect to a Bluetooth device

1. In Idle mode, press **<Menu>** and select **Utilities** → **Bluetooth** → **My Devices**.
2. Press **<Search>**.
3. Scroll to a device and press **<Add>**.
4. Enter a Bluetooth PIN or the other device's Bluetooth PIN, if it has one, and press **<OK>**.
When the owner of the other device enters the same code, pairing is complete.
5. Scroll to the device you want and press **<Connect>**.
☒ Your phone enables an Internet connection when the phone is connected to a computer via Bluetooth dongle.

Use My Menu

Set up My Menu item access

1. In Idle mode, press [Up].
2. Scroll to a key to be used as a shortcut.
3. Press **<Options>** and select **Assign**.
4. Scroll to the menu item you want and press **<Assign>**.
5. Scroll to an icon for the item and press **<Save>**.

Access My Menu item

1. In Idle mode, press [Up].
2. Press the appropriate number key.

Enter text

Arabic, T9 arabic, English Word, ABC, 123, and Symbol mode

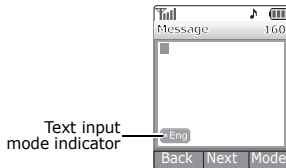
You can enter text in some features, such as Message, Contacts, or Calendar, T9 arabic and Arabic mode for Arabic, and English Word and ABC modes for English. You can also enter numbers, and symbols.

Changing the text input mode

Example: Writing a text message

1. In the text entry screen, press **<Mode>**.

2. Select the mode you want.



Using Arabic mode

You can use the Arabic writing mode. This mode has the same properties as the English writing mode which is explained above.

Using T9 Arabic mode and English Word (T9) mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes.

Entering a word in T9 Arabic mode and English Word mode

1. Press [2] to [9] to start entering a word.
Press each key once for each letter.
Example: Press [4], [3], [5], [5], and [6]
to enter *Hello*.
T9 predicts the word that you are typing,
and it may change with each key that you
press.
2. Enter the whole word before editing or
deleting the characters.
3. When the word displays correctly, go to step
4. Otherwise, press [0] to display
alternative word choices for the keys that
you have pressed.
For example, *Of* and *Me* use [6] and [3].
4. Press [#] to insert a space and enter the
next word.

Other T9 Arabic mode and English Word mode operations


- Press [1] to enter periods or apostrophes
automatically.
- In English Word mode, press [*] to change
case. Initial capital (***Eng**), Lower case
(***eng**), and Capital lock (***ENG**) are
available.
- Press the Navigation keys to move the
cursor.
- Press [↶] to delete characters one by one.
Press and hold [↶] to clear the characters
on the left side of the cursor.

Using ABC mode

Press the appropriate key until the character you want appears on the screen.

Key	Characters in order displayed	
	Upper case	Lower case
1	. @ - _ / : ~ ? , 1 ; ` () ! # % & * < > + = " \ { } \$ []	
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	0	0

Other ABC mode operations

- To enter the same letter twice or to enter a different letter on the same key, wait for the cursor to move to the right automatically, or press [Right]. Then, enter the next letter.
- Press [#] to insert a space.
- Press [*] to change case. Initial capital (***Abc**), Lower case (***abc**), and Capital lock (***ABC**) are available.
- Press the Navigation keys to move the cursor.
- Press [28

Using 123 mode

123 mode enables you to enter numbers. Press the keys corresponding to the digits you want.

Using Symbol mode

Symbol mode enables you to enter symbols.




1. Press [Up] or [Down] to display more symbol sets.
2. Press the key corresponding to the symbol you want.



Call functions

Advanced calling features



Making a call

1. In Idle mode, enter the area code and phone number.


-  • Press [] to clear the last digit or press and hold [] to clear the whole display.
- Press <**Options**> and select **Pause** to enter a pause between numbers.

2. Press [].
The phone locks the keypad to avoid accidental key presses during a call. To use a key, first unlock the keypad by pressing [**MP3**].
3. When you want to end the call, press [] or close the phone.

Redialling recent numbers

1. In Idle mode, press [] to display the list of recent numbers.
2. Scroll to the number you want and press [].

Making an international call


1. In Idle mode, press and hold [**0**].
The international call prefix you have set appears. ► p. 36
2. Enter the area code and phone number and press [].

Making a call from Contacts









Once you have stored a number in Contacts, you can dial the number by selecting it from Contacts. ► p. 38

You can also use the speed dialling feature to assign number keys to your most frequently dialled numbers. ► p. 41

Answering a call


When you receive an incoming call, the phone rings and displays the incoming call image. Press [] to answer the call.

Tips for answering a call

- Depending on the setting in the **Call receive** menu, you can press any key, except for [/], the soft keys, and [], or just open the phone to answer a call. ► p. 36
- Press <**Reject**> or [], or press and hold [/] to reject a call.
- Press <**Silent**> or [/] to mute the ringer.

Viewing missed calls

If you have missed calls, the screen displays the number of the calls and the phone number of the last call.

Press [] to dial the displayed number.

Using the headset

Use the headset to make or answer calls without holding the phone.

Connect the headset to the jack on the right side of the phone. The button on the headset works as follows:

To	Press
redial the last call	and hold the button twice.
answer a call	and hold the button.
end a call	and hold the button.

Options during a call

You can access a number of functions during a call.

Adjusting the volume during a call

Use [▲/▼] to adjust the earpiece volume during a call.

Press [▲] to increase the volume level and [▼] to decrease the volume level.

Answering a second call

If you have activated the call waiting feature, you can answer another call during a call.

1. Press [↶] to answer a second call. The first caller is placed on hold and you are connected with the second caller.
2. Press [↶] again to switch between the calls.

Making a three-way call

If you have subscribed the three-way calling service, you can have a conversation with two people simultaneously.

1. During a call, press [↶] and make another call. The first caller is placed on hold.
2. Press [↶] to begin the three-way call.

Recording your call conversation

You can record your conversation during a call. Press and hold [Ⓜ/Ⓢ] to start recording.

► p. 83

Using In-call options

During a call, press <**Options**> to access the following options:

- **Switch to headset/Switch to phone:** switch the call to an optional Bluetooth headset or hands-free car kit, or back to the phone. To use this feature, you first need to connect the phone and the headset or car kit. ► p. 90

- **Voice mute:** switch off your phone's microphone, so that the other person cannot hear you.
- **Key mute:** mute key tones that the keypad generates each time you press a key.
- **Voice memo:** record your call conversation during a call. ► p. 83
- **Noise cancellation:** activate the noise cancellation feature, which removes noise from your surroundings so that the other person on the phone can hear you more clearly. You can also press [Up].
- **Calls:** access the **Calls** menu. ► p. 33
- **Contacts:** access the **Contacts** menu. ► p. 38
- **Message:** access the **Message** menu. ► p. 60
- **Utilities:** access the **Utilities** menu. ► p. 74

Menu functions

All menu options listed



Some menus may not be available depending on the network

Calls (Menu 1)

Use the **Calls** menu to access call logs, view the duration of calls, and set options for call functions.

To access this menu, press <**Menu**> in Idle mode and select **Calls**.

Missed (Menu 1.1)

This menu displays the most recent calls you did not answer.

Accessing a call record

1. Select a call.
2. Press [] to dial the number, or press <**Edit**> to edit and dial or save the number.

Using call record options

While viewing call details, press <**Options**> to access the following options:

- **SMS**: send a message to the selected number.
- **Erase**: erase the call record.
- **Contact**: access contact information, if the caller is saved in Contacts.
- **Call reject**: add the number to the Reject number list.

Incoming (Menu 1.2)

This menu displays the most recent calls you have received.

Outgoing (Menu 1.3)

This menu displays the most recent calls you have dialled.

Rejected (Menu 1.4)

This menu displays the most recent calls you have rejected. Calls rejected by the **Call reject** setting are also recorded in this menu.

Air time (Menu 1.5)

This menu displays the time log for calls you have made or received. Actual time invoiced by your service provider will vary.



This feature is not intended to be used for billing purposes.

- **Last call:** display the air time of the last call.

- **Total call:** display the number of all voice calls and data calls and the total duration of the calls.
- **Incoming call:** display the total duration of all incoming calls.
- **Outgoing call:** display the total duration of all outgoing calls.

To erase the selected time log, press <**Erase**>.

Area code (Menu 1.6)

Use this menu to find and retrieve area and country codes to quickly and easily dial phone numbers.

1. Select a call type, **Domestic** or **International**.
2. Select the area code you want from the code list and press <**Dial**>.

3. When the area code of the selected city appears on the Dialling mode screen, enter the rest of the phone number you want.
4. Press <**Save**> to save the number to Contacts, or [↶] to dial it.

Call reject *(Menu 1.7)*

Use this menu to make a list of numbers and groups from which you want to reject calls, and set how to reject those calls.

To access this menu, you must enter the 4-digit lock code and press <**Ok**>. It is preset to **0000** at the factory.

Setting *(Menu 1.7.1)*

Use this menu to set how to reject incoming calls.

- **Type:** select the number type you want to reject.

- **Action:** select whether a call is simply ignored or a sound effect is sent to the caller.



If you select **Sound effect**, you will be charged for sending the sound effect.

- **Sound effect:** select a sound to be sent to the caller when a call is rejected.

Reject number *(Menu 1.7.2)*

Use this menu to make a list of the phone numbers from which you do not want to accept calls.

Reject group *(Menu 1.7.3)*

Use this menu to make a list of caller groups from which you do not want to accept calls.

Call settings *(Menu 1.8)*

Use this menu to set up various settings for make or answer a call.

Call receive (Menu 1.8.1)

Use this menu to select how to answer an incoming call.

- **By send key:** the phone answers only when you press [↵].
- **By sliding up:** the phone answers when you open the phone. If the phone is already open, press [↵].
- **By sliding up and any key:** the phone answers when you open the phone and press any key, except for [▲/▼], the soft keys, and [⓪].

Call end (Menu 1.8.2)

Use this menu to select how to end a call.

- **By sliding down:** you can end a call by closing the phone.

- **2sec. after hang up:** you can end a call by closing the phone. The call will be disconnected after 2 seconds.
- **By end key:** you must press [⓪] to end a call.

Airplane mode (Menu 1.8.3)

Use this menu to switch the phone to Airplane mode, or back to Normal mode.

Int'l call prefix (Menu 1.8.4)

Use this menu to set international call service numbers.

Adding an international call number

1. Press <Add>.
2. Enter a call service number and press <Save>.

Selecting a call service number

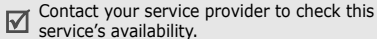
Select the call service number you want. The selected number displays when you press and hold [0] in Idle mode.

While viewing the number list, press <**Options**> to access the following options:

- **Edit**: edit the selected call service number.
- **Erase**: erase the call service number.
- **Erase all**: erase all call service numbers.

Call forward (Menu 1.8.5)

This network service allows incoming calls to be forwarded to another number.



To set forwarding options:

1. Select a type of call forwarding.

- **Busy**: calls are forwarded if your line is busy.
- **No answer**: calls are forwarded if you do not answer the phone.
- **Busy/no answer**: calls are forwarded when your line is busy or when you do not answer the phone.
- **Unconditional**: all incoming calls are forwarded.

2. Select **Enable**. To deactivate, select **Disable**.

3. Enter a phone number and press <**Send**>.

Call waiting (Menu 1.8.6)

This network feature alerts you of incoming calls while you are on the phone.

When this feature is enabled, you can respond to an incoming call by pressing [↶] while you are on the phone. This puts the first caller on hold and answers the second call.

Contacts (Menu 2)

You can store phone numbers and their corresponding names in your card and the phone's memory. The card and phone's memory, although physically separate, are used as if they were a single entity, called Contacts.

To access this menu, press **<Menu>** in Idle mode and select **Contacts**.

Find (Menu 2.1)

Use this menu to find a contact using a person's name, group name, memory location, or speed dial location number.



You can quickly access this menu by pressing **<Find>** in Idle mode.

Finding a contact

1. Press [Left] or [Right] to select a search method.

2. Enter the first few letters of the name you want or speed dial location number, or select a memory location, or a caller group.
3. Select a contact.
4. Scroll to a number and press [↶] to dial, or press **<Edit>** to edit contact information.

Using Contacts options

While viewing contact details, press **<Options>** to access the following options:

- **Release main #:** cancel the main number setting.
- **Set main #:** set the number as the main number for the contact.
- **Speed dial:** assign a speed dial location number to the selected number.
- **Edit:** edit the selected contact.
- **Copy:** copy the selected number to the other memory location.

- **Move:** move the selected number to the other memory location.
- **Erase:** erase the contact. If you select a number, only the number is erased.
- **To name card:** save the contact as a name card format.

Add (Menu 2.2)

Use this menu to add a new contact to Contacts.

In the phone's memory, a name can contain up to 5 numbers in different categories: Mobile, Home, Office, Pager, and Fax. You can save only a single number with a name on the card.

Adding a new contact

1. Enter a name and press **<Select>**.
2. Press [Left] or [Right] to select a memory location.
3. If you have selected **Card**, press [Down] and enter a phone number.
If you have selected **Phone**, change the settings or enter more information.
 - **Mobile/Home/Office/Pager/Fax:** add a number for each category.
 - **Image:** press **<Edit>** and assign one of the photos you have taken using the camera or one of the default icons as a caller ID image.
 - **E-mail1/E-mail2:** press **<Edit>** and enter an e-mail address.
 - **URL:** press **<Edit>** and enter a URL address.

- **Group:** press [Left] or [Right] and select one of the default relationship groups, where the contact is to be added.
 - **Ringer:** press <Edit> and select a ringtone for the contact.
 - **Etc:** press <Edit> and add a memo about the contact.
4. When you have finished, press <Save> to save the contact.

Adding a number to an existing entry in Idle mode

1. In Idle mode, enter a phone number and press <Save>.
2. Select **Existing entry**.
3. Select the contact you want.
4. If you selected a number stored in the phone's memory, select a number category.

If you select a number stored on the card, press <Select>. The number will be replaced.

5. Press <Save> and then <Yes>.

Group settings (Menu 2.3)

Use this menu to set up a caller group list.

Adding a new group

1. When **بلا مجموعة** highlights, press <Add>.
2. Enter a name for the group and press <Next>.
3. Press [Left] or [Right] to select a ringtone category.
4. Press [Up] or [Down] to select a ringtone. Press <Play> to listen to the selected ringtone.
5. Press <Save>.

Managing a group

Press <**Edit**> to change the properties of the selected group or press <**Options**> to access the following options:

- **New**: add a new group.
- **Erase**: erase the selected groups.

Speed dial *(Menu 2.4)*

Once you have stored phone numbers in Contacts, you can set up to 99 speed dial entries and then dial them easily by pressing the associated one or two number keys.

Assigning speed dial numbers

1. Press [Left] or [Right] to select **All** or **Empty**.
2. Enter the location number you want or scroll to the desired number.
Entering a number lists all of the location numbers containing the entered number.

3. Press <**Select**>.
4. Select a contact from the contact list.
5. Select a number.

Editing speed dial entries

1. Press [Left] or [Right] to select **Assigned**.
2. Enter the location number you want or scroll to the number.
3. Press <**Edit**> to change the phone number for the location, or <**Erase**> to erase the speed dial setting or <**SMS**> to send a message to the selected number.

Viewing a speed dial map

When the category field on the Speed dial screen is highlighted, press <**Map**> to view a Speed dial map showing occupied and unoccupied locations.

Press <**List**> to return to the speed dial list.

Dialling speed dial numbers

- For 1-digit locations, press and hold the corresponding number key in Idle mode.
- For other locations, press the first number key and press and hold the last number key in Idle mode.

Name card *(Menu 2.5)*

Use this menu to create your name card. You can also send a Contacts entry in name card format.

Creating your name card

1. Select **My Name Card.vcf**.
2. Press <**Options**> and select **Edit**.
3. Create your name card as you would store a phone number.
4. Press <**Save**> to save your name card.

Using name card options

While viewing the name card list, press <**Options**> to access the following options:

- **Edit**: edit the selected name card.
- **Add namecard**: add a new name card.
- **Copy to contacts**: save the name card as a contact.
- **Erase**: erase the name card. This option is not available for your name card.

My phone # *(Menu 2.6)*

Use this menu to view and change your phone number.

Press <**Edit**> and enter your phone number.


Memory info *(Menu 2.7)*

Use this menu to check the number of contacts you have stored in the phone's memory and on the UIM card.

Multimedia (Menu 3)

Using the camera module built into your phone, you can take photos of people or events while on the move. You can also record videos by using your phone as a camcorder.

In the **Multimedia** menu, you can take photos, record videos, and access your photos and video clips.

To access this menu, press <**Menu**> in Idle mode and select **Multimedia**, or press [/∞] in Idle mode.



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



Take photo (Menu 3.1)




Use this menu to take a single photo or a series of photos, or record a video. The camera produces JPEG photos and MP4 video clips.







When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.



Taking a photo

1. Access the **Take photo** menu or press and hold [/∞] in Idle mode.
The camera turns on and the image to be captured displays.
2. When you use the camera for the first time, press [**2**] to change the preview screen.
3. Press [**1**] to select the camera mode until the mode icon you want appears:
 - Single shot (): take a photo.



- Series shot (): take a serial of action stills.
 - Divided shot (): take several stills and save them in one frame.
 - Video cam (): record a video clip.
▶ p. 46
4. Make any desired adjustments.
- You can use the following keys to customise the image settings.

Key	Function
[Left]/ [Right]	Zooms in or out. (unavailable for 1280*960 resolution)
[Up]/[Down]	Adjusts the brightness.
[▼]	Shows the mirror image.
[1]	Changes the camera mode.

Key	Function
[2]	Switches the display between No icon view (), Icons view (), Guideline view (), and Actual ratio view ().
[3]	Sets the timer.
[4]	Turns the flash on or off.
[0]	Access Quick view mode.


- You can change settings by pressing **<Options>**. ▶ p. 45
5. Press **<Capture>** or [ / ] to take a photo.

When you are taking serial shot images, the camera takes photos successively.

6. To	Press
rotate the image	<  />.
view one of the series shot photos	< Expand >.
save the photo	< Save >. The photo is saved in the My album folder.
return to Capture mode	< Cancel > or [].

Reviewing a photo immediately after saving

After saving a photo, you can view the photo by pressing [**0**] in Capture mode. The captured image displays on the screen:

- To access the file properties, press <**Options**> and select **Info**.
- To delete the file, press <**Options**> and select **Delete**.
- To return to Capture mode, press [**0**] or [].

Using camera options in Capture mode

In Capture mode, press <**Options**> and then [Left] or [Right] to access the following options:

- **Mode**: use the following camera modes:
Single shot: take a photo in normal mode.

Series shot: take series of action stills. You can select the number of photos the camera will take.


Divided shot: take several stills and save them in one frame. You can select the layout.

Video cam: record a video clip.

- **Flash:** turn the flash on or off.
- **Size/Quality:** select an image size or quality.
- **White balance:** adjust the colour balance of the photo. You can make your photo appear warmer or cooler.
- **Self timer:** set a time delay before the phone takes a photo.
- **Revision:** apply a special effect or use a decorative frame.
- **Preview layout:** select the default preview mode. When you select **Actual ratio**, the phone shows the image in actual ratio.

- **Quick view:** switch to Quick view mode.

Recording a video

1. In Capture mode, press [**1**] to select the  icon.
2. Make any desired adjustments.
 - You can use the following keys to customise the image settings.

Key	Function
[Up]/[Down]	Adjusts the brightness.
[Left]/ [Right]	Zooms in or out.
[▼]	Shows the mirror image.
[1]	Changes the camera mode.

Key	Function
[2]	Switches the display between No icon view (□), Icons view (□), Guideline view (■), and Actual ratio view (□).
[3]	Sets the timer.
[4]	Turns the flash on or off.
[0]	Access Quick view mode.

- You can change settings by pressing **<Options>**. ► p. 48
3. Press **<●>** or [⏏/⏏] to start recording. Press **<||>** to pause recording, and then press **<●>** to resume.


4. When you are finished, press **<■>** or [⏏/⏏].

5. To	Press
review the video clip	<▶> .
save the video clip	<Save> . The video is saved in the My album folder.
return to Camcorder mode	<Cancel> or [⏏].

Reviewing a video immediately after saving

After saving a video clip, you can play the video clip in Quick view mode by pressing [0] in Camcorder mode. Pressing **<▶>** initiates playing of the video clip.

- To access file properties, press **<Options>** and select **Info**.

- To delete the file, press <**Options**> and select **Delete**.
- To return to Camcorder mode, press [**0**] or [].

Using camera options in Camcorder mode

In Camcorder mode, press <**Options**> and then [Left] or [Right] to access the following options:

- **Mode:** use the following camera modes:
 - Single shot:** take a photo in normal mode.
 - Series shot:** take series of action stills. You can select the number of photos the camera will take.
 - Divided shot:** take several stills and save them in one frame. You can select the layout.
 - Video cam:** record a video clip.
- **Flash:** turn the flash on or off.

- **Size/Quality:** select an image size or quality.
- **White balance:** adjust the colour balance of the video. You can make your video appear warmer or cooler.
- **Self timer:** set a time delay before the phone records a video.
- **Revision:** apply a special effect.
- **Voice rec:** turn the audio on or off.
- **Preview layout:** select the default preview mode. When you select **Actual ratio**, the phone shows the image in actual ratio.
- **Quick view:** switch to Quick view mode.

My album *(Menu 3.2)*

Use this menu to review the photos you have taken and the videos you have recorded.





Photos and videos captured on other devices, such as digital cameras, may not display correctly.

Viewing a photo

1. Select **Gallery**.

The following icons may appear on the file list to show the file type:

- No icon: Photo
- : Video clip
- : Slide show file



You can access other folders, if any, by pressing [▲] and [Left] or [Right] and then [▼].

2. Scroll to the photo you want and press <**Expand**> to view the photo.
3. Press [Left] or [Right] to view other photos.
4. Press <**Multi**> to return to the thumbnail images.

Press <**Enlarge**> to view the photo on a full screen.

Creating a new folder

1. On the My album screen, press <**Create**>.
2. Enter a name for the folder and press <**Save**>.

Viewing a slide show

You can view your photos as a slide show, a sequential presentation of each photo in the current folder.

1. From the folder list, scroll to a folder.
2. Press <**Options**> and select **Slide show**.
3. Select a slide show effect.
The slide show begins.
4. Press [↺] to stop the slide show.

Creating your own slide show file

1. On the file list, press <**Options**> and select **Slide show**.


2. Scroll to an empty location and press **<Import>**.
3. Press **<Check>** to select photos to be added, and then press **<Done>**.
4. Move to the effect apply option field and press [Left] or [Right] to select how to apply slide show effects.
 - **Separate**: you can apply different effects to each photo.
 - **Common**: you can apply one effect to all photos.
5. If you selected **Separate**, select a slide show effect for each photo and press **<Ok>**. If you selected **Common**, move to the effect type field and select a slide show effect.
6. After adding photos, press **<Options>** to access the following options:
 - **Preview**: view the photos as a slide show.
 - **Change order**: change the order of the photos.
 - **Save**: save the photos as a slide show file.
 - **Erase**: erase the selected photo.
7. When you have finished, press **<Save>**.
8. Select an image folder to store the slide show file.
9. Enter a name for the file and press **<Save>**.

Using photo options

From the photo list, press <**Options**> to access the following options:

- **Assign:** set the image as your wallpaper for the idle screen, the opening or closing image, or the caller ID image for a Contacts entry.
- **Move:** move the file to another folder.
- **Copy:** copy the file to another folder.
- **Photo studio:** access the **Photo studio** menu. ► p. 53
- **Lock/Unlock:** lock the file so that other people cannot access it without your lock code, or unlock the file.
- **Grid(4)/Grid(9):** view 4 photos or 9 photos on each screen.
- **Sort:** change the sort order of the file list.
- **Slide show:** create a new slide show file.
- **Erase:** erase the file.

Viewing a video clip

1. Select **Gallery**.
2. Scroll to the video clip you want and press <**Expand**>. Video clips are indicated by the  icon.
3. Press <**Play**> to play the video clip.



Even if the phone is in Silent mode, it will play the sound.

During playback, use the following keys:

Key	Function
[OK]	Pauses or resumes playback.
[Left]	Moves back to the previous file. Moves backward in a file when held down.
[Right]	Skips to the next file. Skips forward in a file when held down.
[Up]	Changes the repeat mode.

Key	Function
[Down]	Returns to the video image screen.
[▲/▼]	Adjusts the volume.
<STOP>	Stops playback.

Using video options

When a video clip is selected, press <Options> to access the following options:

- **Set wallpaper:** set the video clip as your wallpaper for the idle screen
- **Move:** move the file to another folder.
- **Copy:** copy the file to another folder.
- **Rename:** change the file name.

☒ Do not use special characters, such as /, :, *, ?, ", <, >, or \.

- **Lock/Unlock:** lock the file so that other people cannot access it without your lock code, or unlock the file.
- **File info:** access the file properties.
- **Erase:** erase the file.

Using album options

From the My album screen, press <Options> to access the following options:

- **Rename:** change the folder name.

☒ Do not use special characters, such as /, :, *, ?, ", <, >, or \.

- **Lock/Unlock:** lock the selected image folder so that other people cannot access it without your lock code, or unlock the folder.
- **Create folder:** add a new image folder.
- **Erase folder:** erase the selected image folder.

- **Slide show:** select a slide show effect and show the images stored in the selected folder as a slide show.

Photo studio *(Menu 3.3)*

Photo studio is a great tool for managing photos. Use this menu to edit photos by applying special effects and adding comments.

Wizard effect *(Menu 3.3.1)*

You can apply a special effect to a photo.

1. Select a photo from the **My album** folder.
2. Press [Left] or [Right] to select an effect.
You can compare the photo with the original one by pressing <**Compare**> and then <**Ok**>.
3. Press <**Save**>.
4. Enter a name for the photo and press <**Save**>.

Basic effect *(Menu 3.3.2)*

You can change the colour tone of a photo.

1. Select a photo from the **My album** folder.
2. Press [Left] or [Right] to select a tone.
You can compare the photo with the original one by pressing <**Compare**> and then <**Ok**>.
3. Press <**Save**>.
4. Enter a name for the photo and press <**Save**>.

Decoration *(Menu 3.3.3)*

You can add a decorative frame, clip, or photo cut-out to a photo. You can also add text to the photo.

1. Select a photo from the **My album** folder.
2. Press <**Options**> to access one of the following editing options:

- **Fun frame:** select a decorative frame using [Left] or [Right].
 - **Clip:** select an image clip. You can move it to the position you want by pressing the Navigation keys.
 - **Photo sticker:** select a photo cut-out. See the next section.
 - **Text:** enter text. After entering text, you can change the font size and colour, and the brightness of the font colour. You can then move text to the position you want by pressing the Navigation keys.
3. After adding decorations, press <**Save**>.
 4. Enter a name for the photo and press <**Save**>.

Photo sticker (Menu 3.3.4)

You can make a photo cut-out using a photo.

1. Select a photo from the **My album** folder.

2. Scroll to a cut-out type using [Left] or [Right] and press <**Select**>.
3. Press [Left] or [Right] to adjust the cut-out size and press <**Next**>.
4. Move the photo cut-out to the position you want using the Navigation keys and press <**Save**>.

The part of the photo is saved as a photo cut-out.

Video capture (Menu 3.3.5)

You can save a single video clip frame as a photo.

1. Select a video clip from the **My album** folder.
2. When the part of the video clip you want to capture appears, press <**Capture**>.
3. Press <**Save**>.
4. Enter a name for the video clip frame and press <**Save**>.

Composition (Menu 3.3.6)

You can make a new image by combining two photos.

1. When the **Main Image** field highlights, press **<Import>**.
2. Select a photo from the **My album** folder.
3. Move to the **BG Image** field and press **<Import>**.
4. Select a photo.
5. Press **<Next>**. The two photos are combined.
6. Press [Left] or [Right] to adjust the image brightness and press **<Save>**.
7. Enter a name for the composition and press **<Save>**.

Revision (Menu 3.3.7)

You can change the image properties of a photo, such as the contrast, brightness, saturation, or blur.

1. Select a photo from the **My album** folder.
2. Press **<Options>** to access the following options:
 - **Sharpness**: adjust the image sharpness.
 - **Brightness**: adjust the image brightness.
 - **Saturation**: adjust the degree of the grey of the image colour.
 - **Blur**: adjust the clarity of the image.
3. After changing the properties, press **<Ok>**. You can compare the photo with the original one by pressing **<Compare>** and then **<Ok>**.
4. Press **<Save>** to save the photo.

5. Enter a name for the photo and press **<Save>**.




Resize (Menu 3.3.8)

You can change the size of a photo. You cannot resize 176x144 images.

1. Select a photo from the **My album** folder.
2. Press **<Change>** and select the size you want.
3. Press **<Save>**.
4. Enter a name for the photo and press **<Save>**.

Flip (Menu 3.3.9)

You can change the orientation of a photo.

1. Select a photo from the **My album** folder.
2. Pressing [Left] or [Right] to scroll to a direction icon:  (Rotation),  (Horizontal flip), or  (Vertical flip).

3. Press [Up] or [Down] to flip or rotate the photo and press **<Save>**.
4. Enter a name for the adjusted photo and press **<Save>**.

Text composition (Menu 3.3.0)

You can extract text from a photo and add it to another photo.



It may not be possible to extract text from a non-mono colour background photo.

1. When the **Main Image** field highlights, press **<Import>**.
2. Select a photo from the **My album** folder.
3. Move to the **Char Image** field and press **<Import>**.
4. Select a photo.
5. Press **<Next>**. The text from the character image are merged into the main image as a stamp effect.

6. Press <**Save**>.
7. Enter a name for the photo and press <**Save**>.

Settings (Menu 3.4)

Use this menu to change the default settings for the options when using the camera.

- **Photo sound:** select a sound to indicate a shutter release and a self timer sound.
- **Interruption:** set whether to accept calls, messages, or alarm alerts while in Capture mode or Camcorder mode.
- **Reset:** restore the default settings for the camera.
- **Auto saving:** set whether the camera saves an image automatically after taking it.
- **Album lock:** lock the photos so that no one can view your photos and video clips without your permission

Display (Menu 4)

The **Display** menu enables you to change various settings for the display and light.

To access this menu, press <**Menu**> in Idle mode and select **Display**.

Screen saver (Menu 4.1)

Use this menu to change the background image to be displayed in Idle mode.

- **Basic:** select one of default images.
- **My album:** select one of photos and video clips you have saved.

Functional screen (Menu 4.2)

Use this menu to select a function screen, such as calendar memo, today, or memo pad, to be displayed in Idle mode.



A function screen cannot be used with video wallpaper.

Menu type (Menu 4.3)

Use this menu to select the menu display style.

Power on/off (Menu 4.4)

Use this menu to select the image that the phone displays when it is switched on or off.

Dialing font (Menu 4.5)

Use this menu to select a font style for digits to be displayed when you enter a phone number for dialling.

Time setting (Menu 4.6)

Use this menu to set the current time and date or set up the time zones for the Dual Clock wallpaper.

Single clock (Menu 4.6.1)

You can set the current time and date.

Enter the time in 24-hour format and the date in the order of year, month, and day.

While in a service area, you are not allowed to change the time and date setting since the phone receives time information from the network. If your phone do not receive time information from the network when you turn it on, you can use this menu.

Dual clock (Menu 4.6.2)

You can choose two time zones to be displayed when you select **Dual clock** for the wallpaper image.

1. Press [Left] or [Right] to select the time zone for the upper clock and press [Down].
2. Press [Left] or [Right] to select the time zone for the lower clock.

3. Press <**Save**>.



You can apply daylight saving time for each clock. When a clock highlights, press <**DST On**>.

Backlight (Menu 4.7)

Use this menu to customise settings for backlight.

- **Main LCD:** select the length of time the backlight stays on.
- **Lcd brightness:** adjust the brightness of the main display for varying lighting conditions.
- **Keypad:** select the keypad backlight mode.
Save mode: the phone uses the backlight only between 17:00 and 8:00. This mode saves the battery power.
Normal mode: the phone flashes the backlight when you press any key.

Lighting (Menu 4.8)

Use this menu to activate or deactivate the flashlight function. When the function is activated, you can use the phone as a flashlight.

To turn on the flashlight:

1. Press and hold [▼] with the phone closed.
2. Open the phone.

To turn off the flashlight, close the phone.

Message (Menu 5)

Use the **Message** menu to send or receive text messages. You can also use the voicemail and web alert features.

To access this menu, press <**Menu**> in Idle mode and select **Message**, or press [Left].

New message (Menu 5.1)

Use this menu to create text messages and send them to multiple mobile phones.

1. Enter the message text and press <**Next**>.
2. Press [Down] to change the following options:
 - **Priority**: set the priority level of the message.
 - **Ack**: activate or deactivate the delivery acknowledgement feature. When this feature is activated, the network informs

you whether or not your message is delivered to the recipient.

- **Save**: select one of the following saving options:

Save&Send: save a copy of the message and send the message.

Send only: send the message. The message will be deleted after sending.

Save only: save the message in the **Draft** folder to be sent later.

3. Press <**Next**>.
4. Enter a phone number.
To send the message to multiple destinations, press [Down] to enter additional numbers.
5. When you have finished, press <**Send**> to send and/or save the message.

Inbox (Menu 5.2)

This folder stores messages you have received.



Viewing a message at the time of its receipt

When the phone receives a text message, the phone sounds a message alert and displays a text notification. Press <**Select**> to view the message immediately.

Viewing a message in Inbox

When you access **Phone** or **Card** in the **Inbox** menu, a list of the received messages displays. Icons displayed on the list indicate the messages' status:

-  Unread
-  Read

 A red icon with ! means that the message is urgent.  means that the message is saved on the card.


1. Select the message you want.
2. To send a reply to the sender, press <**Reply**>.
3. Press [Left] or [Right] to view other messages.

Using message options

While viewing a message, press <**Options**> to access the following options:

- **Erase**: erase the message.
- **Forward**: forward the message to other people.
- **Call/Save**: make a call to the sender's phone number or save the number to Contacts.
- **Copy**: copy the message to the other memory location.
- **Move**: move the message to the other memory location.

Accessing voicemails

When you receive a voicemail, a text notification displays. Press [, and the phone dials the voicemail centre. Then follow the voice prompts from the system to listen to the message.

You can also check your voicemails by accessing **Voice mail** in the **Inbox** menu.





In Idle mode, you can press and hold [**1**] in Idle mode to access the voicemail centre.

Outbox *(Menu 5.3)*


This folder stores messages you have sent or failed to send.

Viewing text messages

When you access **Phone** or **Card** in the **Outbox** menu, a list of sent or saved messages appears. Icons displayed on the list indicate the messages' status:

-  Sent
-  Failed to be sent



A red icon means that the message is urgent.  means that the message is saved on the card.

1. Select the message you want.
2. To forward the message to other people, press <**Forward**>.
3. Press [Left] or [Right] to view other messages.

Using message options

While viewing a message, press <**Options**> to access the following options:

- **Erase**: erase the message.
- **Resend**: send the message to the recipient again.
- **Call/Save**: make a call to the sender's phone number or save the number to Contacts.

- **Copy:** copy the message to the other memory location.
- **Move:** move the message to the other memory location.

Draft (Menu 5.4)

This folder stores messages you have saved to send at a later time.

While viewing a message, press <**Options**> to access the following options:

- **Erase:** erase the message.
- **Forward:** forward the message to other people.
- **Call/Save:** make a call to the recipient's phone number or save the number to Contacts.

Settings (Menu 5.5)

Use this menu to customise the settings of various options for receiving or sending messages.

- **Scroll timer:** set the time interval in which the phone scrolls to a following screen, 1 through 5 seconds.
When this option is set to **Off**, you can manually scroll to the next screen using [Up] or [Down].
- **Msg. reminder:** set how often the phone reminds you of new messages.
- **Alert on call:** set whether or not the phone informs you when you receive a new message during a call.
- **Template Msg:** preset sentences to use when composing a new message.
- **New message:** customise the settings for your outgoing messages.
Priority: set the priority level of messages.

Delivery ack: activate or deactivate the delivery acknowledgement feature. When this is activated, the network informs you whether your message is delivered to the recipient or not.

SOS message *(Menu 5.6)*

In an emergency, you can send SOS messages to your family or friends for help. Use this menu to specify options for sending SOS messages.

Setting up SOS message options

1. Press [Left] or [Right] to select **On** to activate the SOS message feature.
2. Press [Down] and specify the following options:
 - **Recipients:** specify the phone numbers to which you want to send SOS messages.

- **Number of sending:** set the number of times the phone repeats sending SOS messages..



You can view the onscreen help by pressing **<Help>**.

Sending an SOS message

When your phone is closed, press [▲/▼] 4 times.

The phone switches to Emergency mode and sends the preset SOS message. To exit Emergency mode, press [①].

Msg wallpaper *(Menu 5.7)*

Use this menu to select a background image to be displayed on the Message screen so that you can view messages with the image.

Memory info (Menu 5.8)

Use this menu to check the number of messages you have stored in the phone's memory and on the UIM card.

Sounds (Menu 6)

The **Sounds** menu allows you to customise various sound settings.

To access this menu, press <Menu> in Idle mode and select **Sounds**.

- ☒ Even if the phone is in Silent mode, it will sound while you customise the sound settings.

Ringer (Menu 6.1)

Use this menu to set the ringer for voice calls, messages, alarms, and schedule alarms separately.

Ringer vol./type (Menu 6.2)

Use this menu to adjust the ringer volume for voice calls, messages, alarms, scheduler alarms, and function alerts. You can also set the ringer type for voice calls.

- **Level 1~5:** select one of the volume levels.
- **Ringer only:** the phone sounds the ringer melody selected in the **Ringer** menu.
- **Silent:** the phone neither vibrates nor rings.
- **1 Beep:** the phone sounds a beep.
- **Vibration:** the phone vibrates.
- **Vib. & ringer:** the phone vibrates and rings at the same time.
- **Vib. then ringer:** the phone vibrates and then rings.
- **Ringer then vib.:** the phone rings and then vibrates.

Key tone (Menu 6.3)

Use this menu to select the type of tones that the keypad sounds each time you press a key.

- ☒ You can adjust the key tone volume using [▲/▼] in Idle mode.

Function alert (Menu 6.4)

Use this menu to set up audible alerts at a specified time to inform you that certain things have happened.

- **Themes:** select an alert tone.
- **Alert on/off:** turn each alert on or off.
 - Select/Saving:** set the phone to sound an alert when you save your selection or change a menu function.
 - Cancel/Warning:** set the phone to sound an alert when you cancel your selection or change when a confirmation message appears.

Slider: set the phone to sound an alert when you open the phone.

Connect: set the phone to sound a connect tone when your call is connected to the system.

Disconnect: set the phone to sound a disconnect tone when a call is disconnected by the other person.

Power on/off: set the phone to sound an alert when you turn on or off the phone.

Exit silent mode: set the phone to sound an alert when you exit Silent mode.

Call time alert: set the phone to sound an alert every minute during a call.

Hour alert *(Menu 6.5)*

Use this menu to set phone to sound an alert every hour on the hour.

1. Select **On** and press [Down].
2. Enter the time period for the phone to sound the hour alert and press [Down].
3. Select an alert type and press <**Save**>.

Entertainment *(Menu 7)*

Using the **Entertainment** menu, you can play games or MP3 music and create own melodies. To access this menu, press <**Menu**> in Idle mode and select **Entertainment**.

Games *(Menu 7.1)*

You can enjoy fun games on your phone.

1. Select the game you want.
2. Press any key except for [⓪] and [▲/▼].
The phone displays the following options; options vary depending on the selected game:
 - **NEW GAME/NEW**: start a new game.
 - **CONTINUE**: restart the game you last played.
 - **RECORD**: check the high score table.

- **MENU/OPTION:** change the game settings.
- **HELP:** give you the information about how to play the game.
- **EXIT:** exit the game.

3. Select **NEW GAME** or **NEW**.

MP3 (Menu 7.2)

Use this menu to enjoy MP3 music.



You can quickly access this menu by pressing [**MP3**] in Idle mode and launch the MP3 player by pressing and holding the key.

MP3 player (Menu 7.2.1)

You can play MP3 music files. First, you need to save MP3 files in your phone's memory.

Downloading MP3 files

To download MP3 files to the phone, connect the phone to a computer and copy to the phone. ► p. 80

Creating the play list

Before playing MP3 music files, you need to add them to the play list. If the play list is empty, the list of the MP3 files stored in your phone displays.

1. Press <**Options**> and select **Add to play list**.
2. Press <**Check**> to select the files you want.
3. Press <**Add**>.
4. To play the music files, press <**Play**>.

Playing MP3 music files

From the MP3 player screen, press [**►||**] to begin playback.



Even if the phone is in Silent mode, it will play the music.

During playback, use the following keys:

Key	Function
[▶]	Pauses or resumes playback.
[I◀◀]	<ul style="list-style-type: none"> • Skips to the previous file if pressed within 3 seconds after the playback has started. • Skips to the beginning of the file if pressed 3 seconds after playback has started. • Skips backward in a file when held down.
[▶▶I]	<ul style="list-style-type: none"> • Skips to the next file. • Skips forward in a file when held down.
[▲/▼]	Adjusts the volume.
<List>	Opens the play list.

Key	Function
<A-B>	Repeats a section of your choice. Pressing this key begins a search for the starting point. To search for the end point, press <A→B>. To stop repeating, press <A↔B>.

Using MP3 player options

During playback, press <Options> to access the following options:

- **Go to my music:** access the file list.
- **Repeat:** change the repeat mode.
- **Set to ringer:** set the music file as a ringtone for incoming calls, alarms, or scheduler alarms.
- **Timer:** set the length of time the MP3 player stays on. The timer appears to show you the time remaining.
- **Key lock:** lock the exposed keys on the phone except for [▲/▼] when you close the

phone so that you can prevent an accidental press of the keys from affecting playback. To unlock the keys, press and hold [Ⓢ], [MP3], [Ⓢ/Ⓢ], or Navigation keys.

- **Backlight:** select the length of time the backlight remains on while playing an MP3 file.

Default: the backlight turns off after the period of time set in the **Backlight** menu.

Always on: the backlight does not turn off.

- **Visual effect:** change the playback animation.
- **File info:** access the file properties.

MP3 play list (Menu 7.2.2)

Use this menu to access the play list you have created.

Press <**Options**> to access the following options:

- **Add to play list:** add files to the play list.
- **Remove:** remove files from the play list.
- **Visual effect:** change the playback animation.
- **Go to my music:** access the file list.
- **File info:** access the file properties.

MP3 files (Menu 7.2.3)

Use this menu to access MP3 files stored in the phone's memory.

Press <**Options**> to access the following options:

- **Open files:** open the music file list.

- **Add to play list:** add the MP3 files in the selected folder or the selected MP3 file to the play list.
- **Move:** move the file to another folder.
- **Copy:** copy the file to another folder.
- **Rename:** change the file name.



Do not use special characters for a file name, such as /, :, *, ?, ", <, >, or \.

- **Sort:** change the sort order of the file list.
- **File info:** access the file properties.
- **Set to ringer:** set the music file as a ringtone for incoming calls, alarms, or scheduler alarms.
- **Erase:** erase the selected files.
- **Create folder:** add a new folder.

MP3 settings (Menu 7.2.4)

Use this menu to customise settings for using the MP3 player feature.

- **Skip length:** select the interval by which the phone skips forward or backward through a music file when you press and hold [⏮] or [⏭].
- **Load default:** restore the default settings for the MP3 player.
- **Clock view:** set whether the MP3 player to display the current time.

Melody composer (Menu 7.3)

Melody composer is a great tool that allows you to compose your own melodies using a variety of musical components.


Compose melody (Menu 7.3.1)

When you access this menu, a stave screen displays with a selection point at the first note position.

Creating a melody

You can compose a melody of up to 10 pages and you can insert 12 notes or rests onto each page.

1. Move the selection point up or down.
2. When you have placed the selection point to your satisfaction, press **<Input>**.
3. Select a note or rest.
The note or rest is inserted onto the staff and the selection point moves to the right on the same line.
4. Repeat steps 1 to 3 to add more notes and rests.

 You can also add a background melody, change the tempo, or adjust the volume by using composer options. ► next section

5. When you have finished, press **<Save>**.
6. Enter a name for your melody and press **<Save>**.

Using composer options

While composing a melody, press **<Options>** to access the following options:

- **New**: open a new composer screen.
- **Open**: open the list of the melodies you have composed.
- **Play**: play back the current melody.
- **Save**: save the melody.
- **Save as**: save the melody with a different name.
- **Instrument**: change the musical instrument for the melody.
- **BGM**: use a background melody.
- **Add note**: add notes to the melody.
- **Tempo**: change the tempo.
- **Volume**: adjust the volume level of the main and background melodies separately.

Editing a melody

While composing a melody or after opening a saved melody, you can edit it.

1. Select an entered note or rest by moving the selection cell.
The colour of the selected item changes to red to indicate that it is in Edit mode.
2. Change the position or type of the note or rest the same as you would when inserting it.
 - Press [Up] or [Down] to move a note to the next lower or higher position by tone.
 - Press [*] or [#] to move a note to the next lower or higher position by semi-tone.
 - Press <Input> to add a note or rest.
 - Press <Options> to access the following options:
Range: select more than one note or rests.

Copy: copy the selected notes and/or rests.

Cut: delete the selected notes and/or rests.

Paste: paste the copied notes and/or rests to the position next to the currently selected note or rest.

Change: change the type of the currently selected note or rest.

Delete: delete the selected notes and/or rests.

Play: play back the current melody.

3. After editing, press <Save> to save changes.

To save the melody under a different name, move the selection cell to an input position, press <Options>, and select **Save as**.

My melodies (Menu 7.3.2)

Use this menu to play the melodies you have created.

Playing a melody

Scroll to the melody you want and press **<Play>**.

Using melody options

While viewing the melody list, press **<Options>** to access the following options:

- **Set to ringer:** set the melody as a ringtone for incoming calls, alarms, or scheduler alarms.
- **Rename:** change the melody name.

☒ Do not use special characters, such as / or \.
- **Erase:** erase the selected melody.
- **Erase all:** erase all melodies.
- **View details:** access the melody properties.

Utilities (Menu 8)


The **Utilities** menu enables you to keep track of your schedule and tasks, set alarms, or use convenient features, such as a calculator, voice recorder, and counter.

To access this menu, press **<Menu>** in Idle mode and select **Utilities**.

Today (Menu 8.1)

Use this menu to view information of tasks, countdown timer, and scheduled events for the current day. The following icons may be shown according to the types of items:

-  Countdown timer
-  Personal
-  Business
-  Anniversary
-  Event

-  You can create a new item of the selected type by pressing **<New>**. ► p. 76

Viewing an event

1. On the Today view, press [Up] or [Down] to scroll through the screen. You can move to the next or previous day view by pressing [Left] or [Right].
2. Press **<View>** to view the details on the selected item.

Using Today options


On the Today view, press **<Options>** to access the following options:

- **Calendar:** go to the calendar.
- **Jump to date:** enter the specific date you want to access.

- **Assign to Idle:** set the task, countdown, or scheduled items to be displayed on the idle screen.

Calendar (Menu 8.2)





Use this menu to view the current month, as well as the past or future months in the calendar format. You can be alerted by the Calendar function before an event commences.

-  You can quickly access this menu by pressing [Right] in Idle mode.

Consulting the calendar

When you access this menu, today's date is automatically selected and the date in calendar displays on the bottom.

Below the calendar, the number of items for the current day appears. The following icons indicate the types of item:

- : Personal
- : Business
- : Event
- : Anniversary

Selecting a day

- Press [Left] or [Right] to move by day.
- Press [Up] or [Down] to move by week.
- Press [▲/▼] to move by month.

Using calendar options

On the calendar, press <**Options**> to access the following options:

- **View type**: change the view mode of the calendar. ► p. 77
- **Erase events**: erase events for the specific period.
- **Erase all**: erase all scheduled items.
- **Jump to date**: enter the specific date you want to access.

Scheduling an item

You can schedule up to 9 items for one day and 20 events total.

1. Scroll to a day from the calendar.
2. Press <**New**>.
3. Enter information or change the settings:
 - **Type**: select an item type.
 - **Start**: enter the starting time and date for the item.
 - **End**: enter the ending time and date for the item.
 - **Content**: enter your item contents.
 - **Contacts**: enter a phone number.



When the time for the scheduled item comes and a notification displays in Idle mode, you can dial this number by pressing <**Call**>.

- **Image**: press <**Options**> and assign an image to inform you to the item.

- **Alarm:** set an alarm for the item.
 - **Before:** set how long before the item the alarm is to alert you.
4. Press <**Save**> to save the item.

Viewing your schedule

Days with scheduled items are indicated with squares at the corners of the date cell.

1. Select one of days with scheduled items. The list of items for that day displays.
2. Select an event.

While viewing an item, press <**Options**> to access the following options:

- **Edit:** edit the selected event.
- **New:** add a new item.
- **Erase:** erase the selected item.

Viewing items in a different mode

You can change the calendar display to Calendar view, List view or Weekly view. Press <**Options**> and select **View type** → a view mode.

Calendar

You can view the items as a calendar format. Select a date and select an event.

List view

You can view the items for the selected date as a list format. Select a date by pressing [Up] or [Down] and select an event.

Weekly view

You can view items for the current week. Select the item you want to view.


Task list (Menu 8.3)

Use this menu to make a list of tasks you need to do.

Creating a task item







1. Press <**New**>.
2. Enter the task content and press <**Select**>.
3. Select the priority level and press [Down].
4. Select one of the following options for the deadline for the item.
 - **No date**: no deadline is set.
 - **Today**: the deadline is set to today's date.
 - **Custom**: you can manually enter the date you need. Press [Down] and enter a date.
5. Press <**Save**> to save the task.

Viewing a task

When you access the **Task list** menu, the list of tasks displays. A red icon next to a task means that the task is of high priority, and  means that the task is in progress.

Select the task you want to view from the list. To change the task item, press <**Edit**>.

While viewing a task, press <**Options**> to access the following options:

- **Completed**: set the task completed.  changes to  (Blue).
- **In process**: set the task in the process.  (Blue) changes to .
- **Forward**: set the task on hold.  changes to  (Red).
- **Erase**: erase the selected task.
- **Erase all**: erase all tasks.
- **Purge**: erase the tasks of which the deadlines are expired.

Alarm (Menu 8.4)

Use this menu to set the alarm to ring at a specific time.

Setting an alarm

1. Select a type of alarm.
2. Select the alarm frequency option on the **Set** field by pressing [Left] or [Right].
 - **Once**: the alarm rings just once.
 - **Daily**: the alarm rings every day at the same time.
 - **Sat-Thu**: the alarm rings from Saturday to Thursday.
 - **Select**: the alarm rings on the specified days.
3. If you chose **Select**, press [Down] and deselect the days you do not want by pressing **<Uncheck>**.
4. Press [Down] to move to the **Time** field.

5. Enter the alarm time and press [Down].
6. If you selected **Wake-up call** in step 1, select an interval for the alarm to sound again and press [Down].
7. Press **<Edit>** to specify an alarm ringer.
8. Select a ringtone category.
9. Select the ringtone melody you want.
10. Press [Down] and press **<Check>** to ring the alarm in Silent mode.
11. Press **<Save>** to save the alarm set.

Stopping an alarm

- To stop an alarm when it rings, press any key.
- To use the snooze function, press **<Snooze>**. The alarm repeats at specified intervals. Press **<End>** and then **<Yes>** to stop the alarm repeating.

Deactivating an alarm

1. On the Alarm list, select the alarm you want to deactivate.
2. Select **Off** from the **Set** field.

User memory *(Menu 8.5)*

Use this menu to connect the phone to a computer, as you would use an external memory disk, and access the file folder of your phone's memory.

Connect to PC *(Menu 8.5.1)*

Use this menu to connect your phone to a computer.

1. Connect a USB cable to the jack on the right side of the phone and the USB port of the phone.
2. Access the **Connect to PC** menu.
3. Enter the lock code and press **<Ok>**.

Your phone switches to Memory Disk mode.

4. Open **My computer** on your Windows desktop and double-click the corresponding removable disk to open the phone's file folder.
5. Copy files from the phone to the computer or vice versa.
6. When you have finished, close the disk.
7. Press **<Exit>** to exit Memory Disk mode.
8. Press **<Yes>** to confirm the exiting.



- When the phone is in Memory Disk mode, all calls and messages are blocked.
- Use the Safely Remove Hardware program from the Windows task bar for removing the USB cable from the computer; otherwise, the files may be corrupted and, thus, may not be played properly.
- If you change a folder name, all data in the folder may be deleted or the corresponding feature may not work properly.

File manager (Menu 8.5.2)

Use this menu to manage files stored on the phone's memory. You can access the folders of your phone's memory and manage media files.

From a file list in each folder, press **<Options>** to access the following options:

- **Erase:** erase the file.
- **Move:** move the file to another folder.
- **Copy:** copy the file to another folder.
- **Rename:** change the file name.



Do not use special characters for a file or folder name, such as /, :, *, ?, ", <, >, or \.

- **Create folder:** create a new folder.
- **Sort:** sort files by name, time, size. You can change the list order by pressing **<Asc>** or **<Desc>**.
- **List view:** change the view mode to List view.
- **File info:** access the file properties.

- **Set to ring:** set the MP3 file as a ringtone for incoming calls, alarm sets, or scheduler alarms.
- **Assign:** set the image as your wallpaper for the idle screen, the opening or closing image, or the caller ID image for a Contacts entry.
- **Lock/Unlock:** lock the file so that other people cannot access it without your lock code, or unlock the file.

Memory info (Menu 8.5.3)

Use this menu to check the amount of memory currently in use in each media folder.

Format (Menu 8.5.4)

Use this menu to format the phone's memory. Created folders and files in each folder will be erased.

File viewer (Menu 8.5.5)

Use this menu to view various document files and images files stored in the **Others** folder in the phone's memory.

The following file formats are available:

- Documents: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Adobe PDF, Plain text, HTML
- Images: BMP, GIF, JPEG, PNG, WMF, EMF



Depending on the file size, you may not be able to view some files.

Viewing a file

1. Select a location from which you want to read files:
 - **Removable disk:** view the various files imported from your PC.
2. Select the file you want.

3. Use the following keys to view the document.

Key	Function
Left/ Right/Up/ Down	Pans around the page.
[▲/▼]	Zooms in or out.
[OK]/[2]	Rotates the page.
[1]	Returns to the previous page. Moves to the first page when held down.
[3]	Moves to the next page. Moves to the last page when held down.
[4]	Fits the page to the screen width.
[5]	Fits the page to the screen height.

Key	Function
[6]	Displays a map of the current page, or hides a map of the current page.

Using file options

From the file list, press <**Options**> to access the following options:

- **Erase:** erase the selected file.
- **Rename:** change the file name.

☒ Do not use special characters for a file name, such as /, :, *, ?, ", <, >, or \.
- **File info:** access the file properties.
- **Help:** view key information you can use.

Voice tools *(Menu 8.6)*

Use this menu to record voice memos. You can also use the Voice answer feature.

Voice memo *(Menu 8.6.1)*

You can record and review voice memos.

Recording a voice memo

1. From the Voice memo screen, select **Record**.
2. Record a memo by speaking into the microphone.
 While you are recording, a timer displays to show you the elapsed time.
 Press <**Pause**> to pause recording and then press <**Continue**> to resume.
3. Press <**Stop**> to end recording. The screen provides you with the following choices:

- **Save:** save the voice memo.
 - **Re-record:** discard the current memo and record another one.
 - **Review:** play back the voice memo. The screen displays the length of the memo.
4. When you are satisfied, select **Save**.
 5. Enter a name for the memo and press **<Save>**.

Playing a voice memo

1. From the Voice memo screen, select **Memo list**.
2. Scroll to a memo and press **<Play>**.
From the memo list, press **<Options>** to access the following options:
 - **File info:** access the file properties.
 - **Rename:** change the name of the voice memo.



Do not use special characters for a file name, such as /, :, *, ?, ", <, >, or \.

- **Erase:** erase the selected memos.

Voice answer (Menu 8.6.2)

Use this menu to enable your phone to serve as an answering machine. When you are unable to answer incoming calls, your phone will answer for you and record the caller's message.



When the answering machine feature is activated, you will be charged by your service provider.

Activating the answering machine feature

From the Voice answer screen, select **Settings** → **Activate** → **On**.

Setting a greeting message

You can record your own greeting messages and select the greeting to be used.

To record a greeting message:

1. From the Voice answer screen, select **Record greetings**.

2. Select a recording saving location. The phone starts recording.
3. Record your greeting message.
4. When you have finished, press <**Stop**>.
5. Select **Save**.
6. Enter a name for the greeting and press <**Save**>.

To select a greeting message:

1. From the Voice answer screen, select **Settings** → **Greet**.
2. Select the greeting message you want.

Checking messages

You can check received messages and delete messages.

1. From the Voice answer screen, select **Inbox**.
2. Select the number or name you want. The selected message plays.

From the message list, press <**Options**> to access the following options:

- **Erase**: erase the selected messages.
- **File info**: access the message properties.

Customising the answering machine feature

You can change the settings for using the answering machine feature.

From the Voice answer screen, select **Settings**. The following options are available:

- **Activate**: activate or deactivate the answering machine feature.
- **Time**: set the length of time the phone waits before answering a call.
- **Greet**: select a greeting message for the answering machine feature.

Memo pad (Menu 8.7)

Use this menu to make memos of important things you need to remember.

Writing a new memo

1. Press <**New**>.
2. Enter the memo text and press <**Save**> to save the memo.

Viewing a memo

Select the memo you want to view from the memo list.

While viewing a memo, press <**Options**> to access the following options:

- **Assign to Idle:** set the memo to be displayed on the idle screen.
- **Skin:** select the background colour of the memo.
- **Text Align:** change the vertical and horizontal alignment of the memo text.

- **Erase:** erase the memo.

Calculator (Menu 8.8)

Use this menu to use the phone as a calculator or converter.

Calculator (Menu 8.8.1)

You can calculate numbers. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division.

1. Enter the first number.
 - Press [*****] to insert a decimal point and [**#**] to insert brackets.
 - To change the sign of a number to a negative (-), press <**Options**> and select **+/-**.
2. Press one of the Navigation keys to access the math function you want.
3. Enter the second number.

4. Press [OK] to view the result.
5. If necessary, repeat from step 2 to continue the calculation.



- You can save a value into the calculator memory by pressing <Options> and selecting **MS**. To clear the saved value, select **MC**.
- You can reset the calculator by pressing <CE>.

Unit conversion (Menu 8.8.2)

Use this menu for common conversions, such as length and temperature.

1. Press <Options> and select a converter.
2. Enter the value to be converted and press [Down].
 - Press [*] to insert a decimal point.
 - Press <Clear> to delete the entered number.

3. Press [Left] or [Right] to select the original unit and press [Down].
4. Press [Left] or [Right] to select the unit to which you want to convert.
The equivalent value for the amount you entered displays.

Countdown (Menu 8.9)

This menu helps you measure how long it takes you to do something or how many days remain until a specific event occurs. The alarm for the timer you set will sound at 9 AM on the specified day.

Creating a countdown timer

1. Press <New>.
2. Enter the event for your countdown timer and press <Select>.

3. Enter the date from which you want to count down.



You can enter between 1981 and 2099 for the year.

4. Set the alarm to **On**.
5. Press **<Save>** to save the timer.

Viewing a countdown timer

Select a timer from the countdown timer list.

While viewing a timer, press **<Options>** to access the following options:

- **Edit:** edit the selected timer.
- **Erase:** erase the selected timer.
- **Erase all:** erase all timers.

Clock (Menu 8.0)

You can use your phone as a world time clock or stopwatch.

World time (Menu 8.0.1)

Use this menu to find out the current time in another part of the world.

Viewing world time

Scroll to the time zone you want to check.

Applying Daylight Saving Time (DST)

1. Scroll to the time zone to which you want to apply the DST, press **<DST>**.
2. Press **<Yes>**.

Stop watch (Menu 8.0.2)

Use this menu to measure elapsed time. The precision of the stopwatch is one one-hundredth of a second.

1. Press **<Start>** to start the timer.
2. Press **<Lap>** to check an interval. You can repeat this step for a total of 20 intervals.
3. When you have finished, press **<Stop>**.
4. To reset the stopwatch, press **<Reset>**.

Bluetooth (Menu 8.✱)

Use this menu to connect your phone to other compatible devices wirelessly using Bluetooth technology.

Bluetooth technology allows free wireless connections between all Bluetooth-compliant devices within a range of 10 metres. Since the devices communicate using radio waves, they do not need to be in line of sight to each other.



- Your Bluetooth service does not support data transmission.
- If there are obstacles between the phone and the headset or hands-free car kit, the maximum operating distance may be reduced.
- Some devices, especially those that are not tested or approved by SIG, may be incompatible with your phone.

Setting up the Bluetooth feature

The **Bluetooth** menu provides the following options:

- **Activation:** activate or deactivate the Bluetooth feature.
- **My Devices:** search for connectable Bluetooth devices.
- **Disconnect:** end the connection with the connected devices.
- **Visibility:** allow other Bluetooth devices to connect to your phone.
- **My phone info:** check your phone information and assign a Bluetooth device name to your phone, which is then displayed on other devices.
- **Services:** select the Bluetooth services you want to use.
HSP/HFP: connect the phone to a headset or hands-free car kit.




Dial up network: access the Internet on a PC using the phone as a modem by connecting the phone to a PC. To use this service, you need an optional Bluetooth dongle.

Searching for and connecting to a Bluetooth device

1. From the **Bluetooth** menu, select **My Devices**.

2. Press **<Search>**.

After searching, a list of devices to which you can connect displays. The following icons indicate the kind of device:

-  Headset
-  Computer
-  Hands-free car kit

A blue icon indicates the currently connected device.

3. Scroll to a device and press **<Add>**.

4. Enter a Bluetooth PIN and press **<OK>**. This code is used just once and you do not need to memorise it.

When the owner of the other device enters the same code, pairing is complete.



Generally, Bluetooth headsets or hands-free car kits have a fixed Bluetooth PIN, such as **0000**. If the other device has one, you must enter the code.

5. Scroll to the added device and press **<Connect>** to connect the phone with the device.

Using device options

From the device list, press **<Menu>** to access the following options:

- **Device info:** access detailed information about the selected device.
- **Services:** display available Bluetooth services.
- **Delete:** delete the device.

Settings *(Menu 9)*

Many different features of your phone can be customised to suit your preferences.

To access the menu, press <**Menu**> in Idle mode and select **Settings**.

Security *(Menu 9.1)*

Use this menu to protect your phone against unauthorised use by managing the several access codes of your phone and the card.

To access the **Security** menu, you must enter the 4- digit lock code and press <**Ok**>. It is preset to **0000** at the factory.

Lock mode *(Menu 9.1.1)*

Use this menu to lock your phone.

- **Off**: deactivate Lock mode.
- **Once**: lock the phone just one time. Once the password is entered, the phone unlocks.

- **On**: lock the phone. Each time turning on the phone, you need to enter the password to use the phone.

In Lock mode, you cannot use the phone's menu function and dial numbers, except for making an emergency call.

To unlock the phone, press one of the function keys and enter the 4-digit lock code.

Change password *(Menu 9.1.2)*


Use this menu to change your current lock code to a new one. The lock code is preset to **0000** at the factory.

1. Enter a new 4-digit lock code and press <**Ok**>.
2. Enter the code again and press <**Ok**>.

Emergency # (Menu 9.1.3)


Your phone provides the option of storing three emergency numbers. All of these numbers can be manually dialled at any time, even if your phone is locked or all outgoing calls are restricted.

Storing an emergency number

1. Select a location.
2. Press [] to clear the existing number.
3. Enter a number and press <**Save**> to save the number.

- ☒ 120 will remain as emergency numbers, even if you change them on the emergency number list.

Making an emergency call in Lock mode

Enter one of the programmed emergency numbers and press [].

Voice privacy (Menu 9.1.4)

Used only in digital networks, Voice Privacy encrypts the voice channel so that people cannot eavesdrop on your conversation.

- **Standard:** the phone uses a standard line for calls.
- **Enhanced:** the phone makes and receives calls on an encrypted high security line.

- ☒ This feature may not be available in all areas. Contact your service provider for details and availability.

Restriction (Menu 9.1.5)

Use this menu to restrict the use of your phone.

- **Outgoing:** restrict outgoing calls from your phone, except emergency calls on standard emergency numbers, such as 120 in **Emergency #**.
- **Incoming:** restrict incoming calls.

- **Contacts:** restrict use of Contacts.

Clear memory (Menu 9.1.6)

Use this menu to erase Contacts entries or messages stored on the card's memory and in phone's memory.

1. Select **Contacts** or **Messages**.
2. Select the memory location you want to clear.
3. Press <**Yes**> to confirm the clearing.

Reset phone (Menu 9.1.7)

Use this menu to restore the default settings of all user-selectable options, or clear information in the phone's memory.

1. Select a reset option.
 - **Reset functions:** restore the default settings of all user-selectable options.
 - **Reset all:** restores the default settings for all options and clears all information,

except for data stored in the User memory and UIM card memory.

2. Press <**Yes**> to confirm the reset. The phone reboots, turning itself off and then back on, and returns to Idle mode.

Card setup (Menu 9.1.8)

Use this menu to access the security options for the card.

- **Pin check:** activate the PIN check feature. You must enter the PIN assigned to your card each time you switch on the phone.
- **Change PIN:** change the PIN of your card to a new one, provided that the PIN check feature is enabled.
- **UIM lock:** set your phone to work with the current card only

Input method (Menu 9.2)

Use this menu to select the default text input mode.

Language/ لغة (Menu 9.3)

Use this menu to change the language of the display.

Domains preset (Menu 9.4)

You phone has domain name extensions that you can retrieve when composing a message. Use this menu to change default domain name extensions and add new domain name extensions, if necessary.

Solve problems

Help and personal needs

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Card is empty. Insert card"

- Be sure that the card is correctly installed.

"Enter PIN"

- You are using your phone for the first time. You must enter the PIN supplied with the UIM card.
- The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu.

"Enter PUK"

- The PIN code was entered incorrectly three times, and the UIM card is now blocked. Enter the PUK supplied by your service provider.

"No service," "Network down," or "Not done" displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialed

- Be sure that you have pressed [↵].
- Be sure that you have accessed the right cellular network.

- Be sure that you have not restricted outgoing calls.

Your correspondent cannot reach you

- Be sure that your phone is switched on. ([①] pressed for more than one second.)
- Be sure that you are accessing the correct cellular network.
- Be sure that you have not restricted incoming calls.




Your correspondent cannot hear you speaking

- Be sure that you have switched off the microphone.
- Be sure that you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.

The phone starts beeping and display “Low battery warning!”

- Your battery is insufficiently charged.
Recharge the battery.

The audio quality of the call is poor

- Check the signal strength indicator on the display (). The number of bars indicates the signal strength from strong () to weak ().
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you re-call a Contacts entry

- Use the **Find** menu to ensure the number has been stored correctly.
- Re-store the number, if necessary.

The battery does not charge properly or the phone sometimes turns itself off

- Wipe the charging contacts both on the phone and on the battery with a clean soft cloth.

If the above guidelines do not help you to solve the problem, take 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.

Health and safety information

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and through evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg¹.

SAR tests are conducted using standard operating positions specified 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

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

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 of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. 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 printed in the label on the phone.

For Body Operation

- For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.
- The minimum distance from the body for this model phone is written in the FCC certification information.
- Non compliance with the above conditions may violate FCC RF exposure guidelines.

- For more Information concerning exposure to radio frequency signals, see the following websites:
- Federal Communications Commission (FCC)
<http://www.fcc.gov/oet/rfsafety>
- Cellular Telecommunications Industry Association (CTIA): <http://www.wow-com.com>
- U.S. Food and Drug Administration (FDA)
<http://www.fda.gov/cdrh/consumer>
- World Health Organization (WHO)
<http://www.who.int/peh-emf/en>

Battery safety

Standby time will be reduced in the following conditions:

- When you use the additional features on your phone such as writing and storing

messages, playing games, connecting to the Internet, and so on.

- If you are frequently out of the service area.
- If you are out of the service area for a long period of time.
- If you use the phone out of the network's local service area.
- If you use the talk mode repeatedly

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the operation time for both talk mode and standby mode is reduced by about half, it is time to buy a new battery.

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 time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery, and the 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 temperature will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the 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-circuiting.

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

Road safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, make sure that you are following the special regulations in a given area or country.

Operating environment

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

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However,

certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 15 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 potential interference

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas

instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially explosive atmospheres

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas

could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users 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.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), 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.

Emergency calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless 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 signal strength. 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 providers.

To make an emergency call:

1. If the phone is not on, switch it on.

2. Key in the emergency number for your present location (for example, 120 or any other official emergency number).

Emergency numbers vary by location.

3. Press [↵].

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Other important safety information

Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is

improperly installed and the air bag inflates, serious injury could result.

Switch your phone off before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or 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 any warranty obligations and allow you to enjoy this product for many years.

- Keep your phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.

- Keep the phone dry. Precipitation, humidity and liquids contain minerals will corrode electronic circuits.
- Do not touch the phone with a wet hand while it is charging. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperature 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 operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the

manufacturer's warranty, even if the warranty for your phone has not expired.

- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

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U.S Patent No.	4,901,307	5,056,109	5,099,204
	5,101,501	5,103,459	5,107,225
	5,109,390		

- * Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
- * Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

SAMSUNG ELECTRONICS



World Wide Web
<http://www.samsungmobile.com>

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