



# SCH-W569 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 call

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 or your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of 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 108.

# 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>



- **GSM and CDMA network**  
Switch back and forth between GSM and CDMA networks, anytime anywhere.

## *Special features of your phone*

- **Touch screen**  
Your phone has a touch-sensitive display. You can access a desired function with a touch on the screen.



- **Camera and camcorder**  
Use the camera module on your phone to take a photo or record a video.



- **MP3 player**

Play MP3 music files using your phone as an MP3 player.



- **Bluetooth**

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



- **Get personal with photo caller ID**

See who's calling you when the phone displays her or his very own photo.



- **Name card**

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

- **SOS message**

Send SOS messages to your family or friends for help in an emergency.



- **Melody composer**

Make your own melodies for your phone.

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## Overview of menu functions

To access Menu mode, tap or press <Menu> in Idle mode. Some menus may not be available, depending on the network you select.

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## Unpack

Make sure you have each item

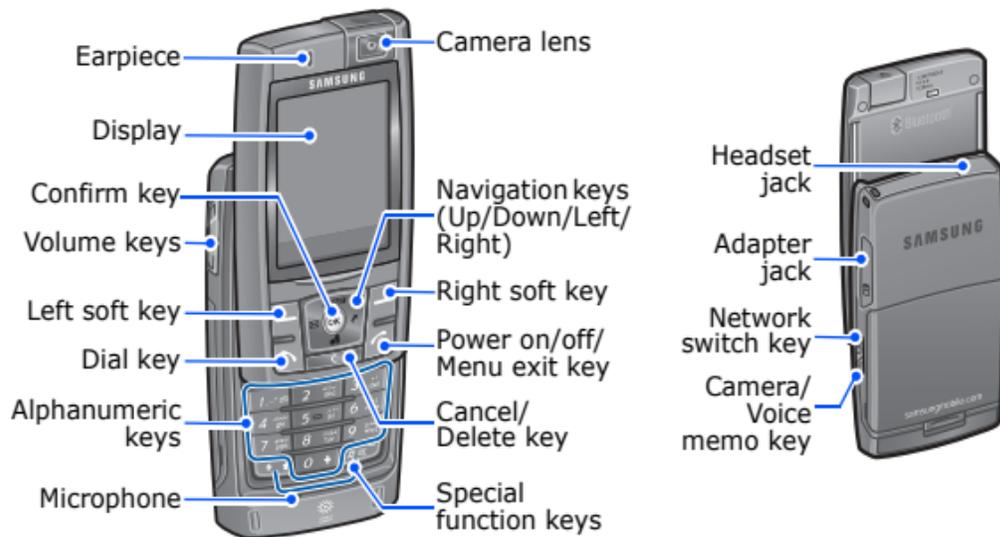
- Phone
- Travel Charger
- Stylus pen
- Battery
- User's Guide



- 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

### SIM/UIM card information

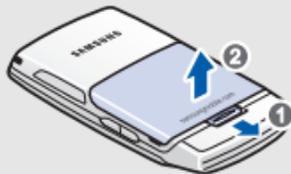
When you subscribe to a cellular network, you receive a plug-in SIM (Subscriber Identity Module) or UIM (User Identity Module) card loaded with your subscription details, such as your PIN, and available optional services.

### Install and charge the phone

- 1 Remove the battery cover.



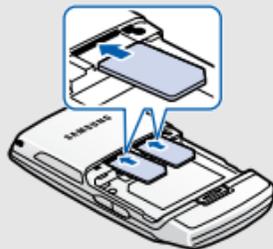
If the phone is already on, first turn it off by pressing and holding [  ].



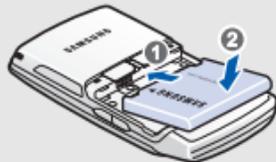
- 2 Insert the SIM card.



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



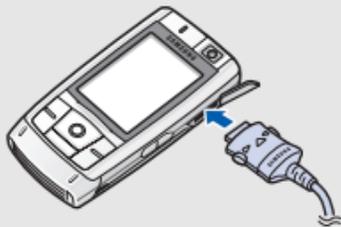
- 3 Install the battery.



- 4 Reattach the cover.



- 5 Plug the travel adapter into the phone.



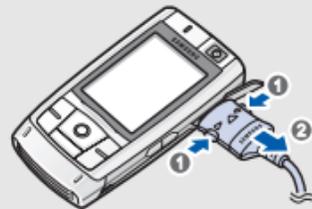
- 6 Plug the adapter into a standard AC wall outlet.

The LED on the charger indicates the charging progress.

- Red: the battery is being charged.
- Green: the battery is completely charged.
- Orange: the battery is not correctly plugged in or is operating at a too high or too low.

- 7 When the phone is completely charged (green charger LED), 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

<b>Power on</b>	<ol style="list-style-type: none"><li>1. Open the phone.</li></ol>
Do not turn on the phone when mobile phone use is prohibited.	<ol style="list-style-type: none"><li>2. Press and hold [  ].</li></ol>
	<ol style="list-style-type: none"><li>3. Select a GSM or CDMA network.</li></ol>
	<ol style="list-style-type: none"><li>4. If necessary, enter the PIN and press <b>&lt;OK&gt;</b>.</li></ol>

### Power off

1. Open the phone.

2. Press and hold [  ].

### Keypad lock

When you close the phone, the keypad lock feature locks the exposed keys so that nothing will happen if the keys are accidentally pressed.

To unlock the keypad, press and hold any key except for [  ], and tap or press **<Yes>**.

## Keys and display

### Keys



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



In Idle mode, access the following menus directly.

- [Up]: **MP3**
- [Down]: **Games**
- [Left]: **Messages**
- [Right]: My Menu ▶ p. 26

In Menu mode, scroll through menu options.



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



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



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



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.



Enter numbers, letters, and some special characters.



Enter special characters.

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



Adjust the phone volume.

In Idle mode, with the phone open, adjust the keypad tone volume.



Switch the network between GSM and CDMA.

During a call, switch the call between the phone and a Bluetooth headset.



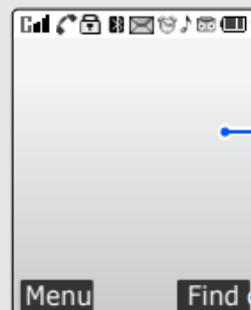
In Idle mode, access the **Multimedia** menu: press and hold to turn on the camera.

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

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

## Display

### Layout



**Icons**  
display various icon.

**Text and graphics**  
display messages, instructions, and information you enter.

**Soft key function indicators**  
show the current functions assigned to the two soft keys.

**Icons\***

-  Received signal strength
-  Roaming
-  Call in progress
-  Out of your service area; you cannot make or receive calls
-  SOS message feature active
-  1X mode
-  Restriction on
-  Lock mode
-  Alarm set
-  Bluetooth status
  - Black: Active
  - Blue: Connected to another device.

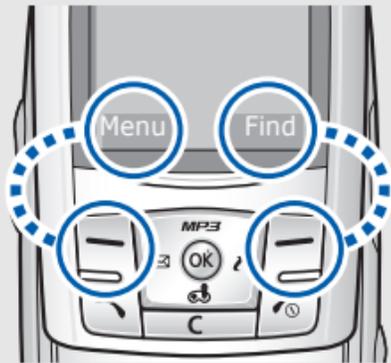
-  New message
-  New voicemail
-  Urgent message
-  Ringer type setting ▶ p. 70
  -  : Ringer only
  -  : Silent
  -  : 1 Beep
  -  : Vibration
  -  : Vib. & ringer
  -  : Vib. then ringer
  -  : Ringer then vib.
-  Silent mode ▶ p. 16
-  Answering machine feature active ▶ p. 89
-  Battery power level

\* You can select some icons by tapping. Tap an icon to open a message or change settings.

## 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**.

### Select an option

By tapping on the touch screen  
Your phone's display is a touch screen which can recognise when you touch items displayed on it. Using the stylus pen,

1. Tap a desired soft key indicator.
2. To scroll up or down, or side to side:
  - Tap the left or right arrow to scroll left or right.
  - Tap and drag the scroll bar to scroll up or down.
3. Tap a displayed option or function.
4. To exit, tap  on the upper right of the display.

By pressing the soft keys and Navigation keys

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

By pressing the number keys

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. 26

## Customise your phone

#### Display language

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

### Call ringer melody

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

### Idle mode wallpaper

You can set wallpaper for the idle screen.

1. In Idle mode, tap or press **<Menu>** and select **Display** → **Screen saver** → **Image**.

2. Select an image category.
3. Scroll to an image and tap or press **<Save>**.

### Menu mode options

You can customise the menu display in Menu mode.

To set a menu style:

1. In Idle mode, tap or press **<Menu>** → **<Options>**, and select **Menu style**.
2. Scroll to a menu style.
3. Tap or press **<Save>**.

To set a background image:

1. In Idle mode, tap or press **<Menu>** → **<Options>**, and select **Background**.

### Menu mode options

(continued)

2. Select an image category.
3. Scroll to an image.
4. Tap or press <**Save**> or <**Select**>.

To set a menu focus effect:

1. In Idle mode, tap or press <**Menu**> → <**Options**>, and select **Focus effect**.
  2. Scroll to an effect type.
  3. Tap or press <**Save**>.
- You can set a background image or focus effect only in the **3\*3** menu style.

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

## Switch networks

### Select a network

You can easily and quickly switch back and forth between GSM and CDMA networks.

1. Press [C/G] in Idle mode.
2. Select a network.

## Make/Answer calls

### Make a call

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

---

### Answer a call

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

---

### Adjust the volume during a call

Press [].

## Step outside the phone

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

### Use 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**], or tap [] and then [] to select a camera mode.
4. Aim the lens at the subject by rotating the camera lens and make any desired adjustments.

5. Tap or press <**Capture**>, or press [] to take a photo.
6. Tap or press <**Save**>.

### View a photo

1. In Idle mode, press [] and select **My album**.
2. Select **Gallery**.
3. Scroll to a photo and tap or press <**Expand**>.

### Record a video

1. In Idle mode, press and hold [] to turn on the camera.
2. Press [**1**] or tap  to select the video cam icon ().

3. Tap or press <>, or press [] to start recording.
4. Tap or press <>, or press [] to stop recording.
5. Tap or press <**Save**>.

### Play a video

1. In Idle mode, press [] and select **My album**.
2. Select **Gallery**.
3. Select a video and tap or press <**Play**>.

## Play MP3

### Copy MP3 files to the phone

You can copy MP3 files directly from a computer. ▶ p. 84

### Create the play list

1. In Idle mode, press [Up] and select **MP3 files**.
2. Tap or press <**Options**> and select **Add to play list**.
3. Tap or press <**Check**> to select the files to be added.
4. Tap or press <**Add**>.
5. Tap or press <**Play**> to play music.

### Play MP3 music

1. In Idle mode, press [Up] and select **MP3 player**.
2. Press [OK] or tap ▶ to play music.
3. During playback, use the following functions:
  - To pause or resume playback, press [OK], or tap || or ▶.
  - To return to the previous file, press [Left] or tap ⏪.
  - To skip to the next file, press [Right] or tap ⏩.
  - To adjust the volume, press [1/2] or tap 🔊.

For further details, see the **MP3 player** menu.

▶ p. 73

## Use melody composer

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### Create a melody

1. In Idle mode, tap or press <**Menu**> and select **Entertainment** → **Melody composer** → **Composer melody**.
2. Move the selection point up or down.
3. Tap or press <**Input**>.
4. Select a note or rest.
5. Repeat steps 2 to 4 to add more notes and rests.
6. Tap or press <**Save**>.
7. Enter a melody name and tap or press <**Save**>.

### Play a melody

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

## Use Contacts

---

### Add a contact

To the phone's memory:

1. In Idle mode, enter a phone number and tap or press <**Save**>.
2. Select **New entry**.
3. Enter a name and tap or press <**Save**>.

### Add a contact

(continued)

4. Scroll to the left or right to select the phone memory.
5. Select a number type.
6. Specify contact information: Image, Name, Storage, Mobile, Home, Office, Pager, Fax, E-mail1, E-mail2, URL, Group, Name ringer, and Etc.
7. Tap or press **<Save>** to save the contact.

#### To a card:

1. In Idle mode, enter a phone number and tap or press **<Save>**.
2. Select **New entry**.

3. Enter a name and tap or press **<Save>**.
4. Scroll to the left or right to select a card.
5. Tap or press **<Save>** to save the contact.

### Find a contact

1. In Idle mode, tap or press **<Find>**.
2. Enter the first few letters of the name you want.
3. Select a contact.
4. Scroll to a number and press [  ] to dial, or tap or press **<Edit>** to edit contact information.

---

**Create your name card**

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

## Send/View messages

---

**Send a text message**

1. In Idle mode, press [Left] and select **New message**.
2. Enter the message text and tap or press <Next>.

3. Tap or press <Next>.
4. Enter destination numbers.
5. Tap or press <Send> to send the message.

**View a text message****When a notification appears:**

Tap or press <Select>. The message displays.

**From the Inbox:**

1. In Idle mode, press [Left] and select **Inbox** → **Text** → a message storage.
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 [Left] and select **Inbox** → **Voice mail**.
2. Follow the instructions from the system.

## Send SOS messages

### Set up the SOS message options

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

---

### Send SOS message

In Idle mode, with the phone closed, press [1/2] 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 kit.

Your Bluetooth service does not support data transmission.

---

### Turn on Bluetooth

In Idle mode, tap or press <Menu> and select **Utilities** → **Bluetooth** → **Activation** → **On**.

---

### Search for and connect to a Bluetooth device

1. In Idle mode, tap or press <Menu> and select **Utilities** → **Bluetooth** → **My Devices**.
2. Tap or press <Search>.
3. Scroll to a device and tap or press <Add>.
4. Enter a Bluetooth PIN or the other device's Bluetooth PIN, if it has one, and tap or press <OK>.  
When the owner of the other device enters the same code, pairing is complete.

**Search for and connect to a Bluetooth device**

(continued)

5. Press **<Connect>**.  
 Your phone enables an Internet connection when the phone is connected to a PC via Bluetooth dongle.

4. Scroll to the menu you want and tap or press **<Assign>**.
5. Scroll to an icon for the item.
6. Tap or press **<Save>**.

## Use My Menu

**Set up My Menu item access**

1. In Idle mode, press [Right].
2. Scroll to a location and tap or press **<Options>**.
3. Select **Assign**.

**Access My Menu item**

1. In Idle mode, press [Right].
2. Tap a desired icon or press the number key corresponding to the item you want.

## Enter text

*Pen Stroke, Arabic, ABC, English Word, T9 arabic, 123, and Symbol mode*

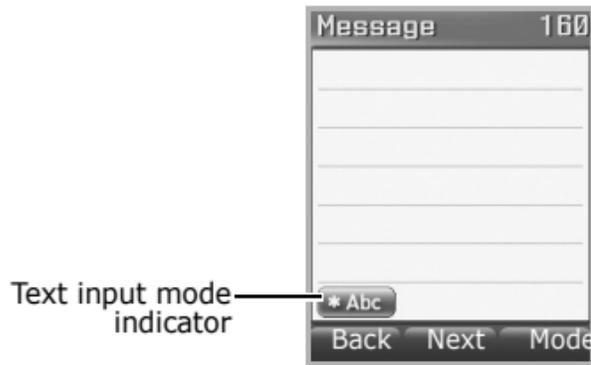
You can enter text in some features, such as messaging, Contacts, or Utilities, using Arabic and T9 Arabic modes for Arabic, and English Word and ABC modes for English. You can also use 123 mode, Symbol mode, and Pen Stroke mode.

## Changing the text input mode

**Example:** Writing a text message

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

2. Select the mode you want.



## Using Pen Stroke mode

Pen Stroke mode allows you to write letters you want to enter on the touch screen using the stylus pen as you would on the paper. You can then tap or press from the displayed choices corresponding to your pen stroke. You can enter English letters, symbols, and numbers without having to change the text input mode.

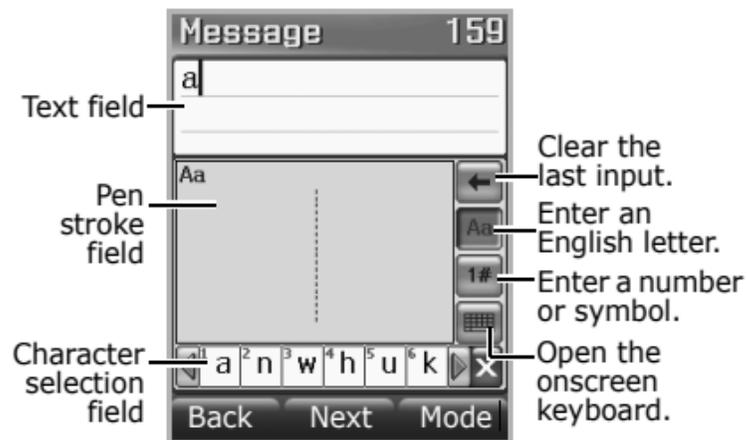
In this mode, you can also open the alphabetic, numeric, and symbolic onscreen keyboards and enter text simply by tapping the characters on the keyboard.

### Tips for using Pen Stroke mode

- Because of the touch screens sensitivity, choices displayed may differ each time you write a character.
- If you cannot find the symbolic characters you want with Pen Stroke mode, use Symbol mode to enter them.
- Write at a normal speed. If you write letters too slowly or too quickly, the phone may not recognise your writing.
- Tap, drag, and lift the stylus pen, as precisely as possible.

### Entering characters in Pen Stroke mode

1. Write the character you want on the pen stroke field.



The first choice is automatically inserted into the Text field.

2. If the phone does not recognise your writing, select a character from the character selection field

- If the character you want does not display in the character selection field, scroll through the choices by tapping the arrows on the sides of the character selection field, or clear the entered character and then start over the writing.

3. Continue writing the next characters.

### Sequences of pen strokes

When you write English alphabet, numbers, and symbols, refer to the following tables to enter strokes in the correct order.

#### Numbers

0	0 0	5	5
1	1	6	6
2	2 2	7	7 7
3	3	8	8
4	4	9	9

#### English

Aa	A A a a	Nn	N N n
Bb	B B b	Oo	O O o o
Cc	C c	Pp	P p p p
Dd	D d d	Qq	Q Q q q q
Ee	E E e	Rr	R R r
Ff	F F F f f	Ss	S S
Gg	G g g	Tt	T t t t
Hh	H h h	Uu	U u
Ii	I i i i	Vv	V v
Jj	J J j j	Ww	W w
Kk	K K k k	Xx	X X x x x x
Ll	L l	Yy	Y y y
Mm	M M m	Zz	Z Z z z

## Symbols

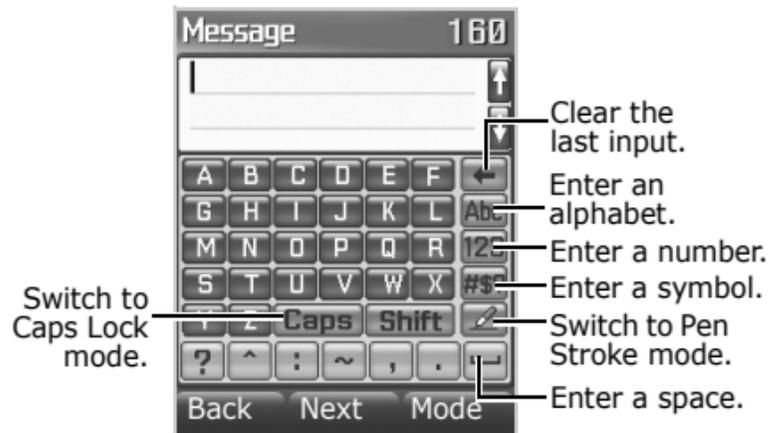
~	~	/	/	)	)
!	[	\	\	<	<
?	?	+	+ +	>	>
#	# #	-	-	:	:
\$	\$	=	=	;	;
%	% %	{	{	'	'
^	^	}	}	,	,
&	&	[	[	'	'
*	* * *	]	]	"	"
@	@ @	(	(	.	.

## Using the onscreen keyboards

Tapping  in Pen Stroke mode opens the onscreen keyboard. You can select either the alphabetic, numeric, or symbolic keyboard.

To enter characters using the onscreen keyboard, just tap the one you want on the keyboard.

- Tap **Abc** to open the alphabetic keyboard.



- Tap **123** to open the numeric keyboard.
- Tap **#\$?** to open the symbolic keyboard.

## Using Arabic mode

You can use the Arabic writing mode. This mode has the same properties as ABC mode which is explained in the next section.

## 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
<b>1</b>	. @ - _ / : ~ ? , 1 ; ' ( ) ! # % & * < > + = " \ { } \$ [ ]	
<b>2</b>	A B C 2	a b c 2
<b>3</b>	D E F 3	d e f 3
<b>4</b>	G H I 4	g h i 4
<b>5</b>	J K L 5	j k l 5
<b>6</b>	M N O 6	m n o 6
<b>7</b>	P Q R S 7	p q r s 7
<b>8</b>	T U V 8	t u v 8
<b>9</b>	W X Y Z 9	w x y z 9
<b>0</b>	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 [\*] or tap \***Abc** to change case. Initial capital (\***Abc**), Capital lock (\***ABC**), and Lower case (\***abc**) are available.
- Press the Navigation keys to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the characters on the left side of the cursor.

## Using English Word and T9 Arabic mode

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

### Entering a word in English Word and T9 Arabic 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 English Word and T9 Arabic mode operations

- Press [1] to enter periods or apostrophes automatically.
- Press [#] to insert a space.
- In English Word mode, press [\*] or tap \***T9 Word** to change case. Initial capital (\***T9 Word**), Capital lock (\***T9 WORD**), and Lower case (\***T9 word**) are available.
- Press the Navigation keys to move the cursor.

- Press [C] to delete characters one by one. Press and hold [C] to clear the characters on the left side of the cursor.

## 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 [Left] or [Right] 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 [C] to clear the last digit or press and hold [C] to clear the whole display.
- Tap or press <Options> to enter a pause between numbers or select a font style.

2. Press [↶].
3. When you want to end the call, press [⏏].

## Making an international call

In GSM network:

1. In Idle mode, press and hold [0]. The + character appears.

2. Enter the country code, area code, and phone number, then press [↵].

In CDMA network:

1. In Idle mode, press and hold [0].  
The country code you have set appears.  
▶ p. 40
2. Enter the area code and phone number, and press [↵].

### 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 a call from Contacts

Once you have stored a number in Contacts, you can dial the number by selecting it from Contacts. ▶ p. 40

You can also use the speed dial feature to assign number keys to your most frequently dialled numbers. ▶ p. 44

## 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 **Answer mode** menu, you can press any key, except for [📞], soft keys, and [↑/↓], or just open the phone to answer a call. ▶ p. 104
- Tap or press <**Reject**>, or press [📞] or press and hold [↑/↓] to reject a call.
- Tap or press <**Silent**>, or press [↑/↓] or close the phone 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.
- Tap or press <**View**> to access the missed call log list.
- Tap or press <**SMS**> to send an SMS message to the number.

## Using the headset

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

Connect the headset to the jack on the upper left of the phone. The button on the headset works as follows:

To	Press
redial the last call	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 and [  ] to decrease the volume.

### Answering a second call

If you have subscribed to call waiting, 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 activated 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.

### Using a Bluetooth headset or hands-free car kit

Use an optional Bluetooth headset or hands-free car kit to talk on the phone without holding the phone your ear. To use this feature, you first need to connect the phone and the headset.

▶ p. 95

Press [ C/G ] to switch a call between the phone and the headset.

### Using In-call options

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

- **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. You can also press and hold [Ⓞ ☒]. ▶ p. 88
- **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.
- **Call history:** access the **Call history** menu.
- **Contacts:** access the **Contacts** menu. ▶ p. 40
- **Messages:** access the **Messages** menu. ▶ p. 63
- **Utilities:** access the **Utilities** menu. ▶ p. 78
- **Private loud speaker:** activate the speakerphone feature to talk and listen with the phone a short distance away. You can also press [Up].

## Menu functions

All menu options listed

- ☑ Some menus may not be available depending on network you select.

### Call history (Menu 1)

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

To access this menu, tap or press <Menu> and select **Call history** in Idle mode.

### 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 tap or press <**Options**> to access the call record options.

### Using call record options

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

- **SMS:** send an SMS 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 call reject 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.

### Air time *(Menu 1.4)*

---

This menu displays the time log for voice calls you have made or received. You can also check the time log for data calls. Actual time invoiced by your service provider will vary.

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

- **Last call:** check the air time of the last voice or data call.
- **Total call:** check the total duration of the voice or data calls.

- **Incoming call:** display the total duration of all incoming calls.
- **Outgoing call:** display the total duration of all outgoing calls.

To view the proportion of incoming calls to outgoing calls, tap or press <**Graph**>.

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

### **GSM call cost** (Menu 1.5)

---

This GSM network feature lets you view the cost of calls.

- **Last call cost:** check the cost of the last call you made.
- **Total cost:** check the total cost of all calls you have made. If the total cost exceeds the maximum cost set in **Set max cost**, you can no longer make any calls until you reset the counter.

- **Max cost:** check the maximum cost set in **Set Max cost**.
- **Reset counters:** reset the cost counter.
- **Set max cost:** enter the maximum cost limit that you authorise for your calls.
- **Price/Unit:** set the cost of one unit; this price per unit is applied when calculating the cost of your calls.

### **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. Enter the first few letters of the city, country, or province you want, or select the city, country, or province you want.
3. Tap or press <**Dial**> or <**Select**>.

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

### **Call reject** (Menu 1.7)

---

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

### **Int'l call prefix** (Menu 1.8)

---

Use this menu to set international call service numbers.

### **Adding an international call number**

1. Tap or press **<Add>**.
2. Enter a call service number and tap or 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.

From the number list, tap or press **<Options>** to access the following options:

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

### **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, tap or press **<Menu>** and select **Contacts** in Idle mode.

## Find (Menu 2.1)

---

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

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

### Finding a contact

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

## Using Contacts options

While viewing contacts details, tap or press <**Options**> to access the following options:

- **Release main #:** cancel the main number setting. This option is only available for numbers stored in Contacts.
- **Set main #:** set the number as a main number for the contact. This option is only available for numbers stored in Contacts.
- **Talk:** dial the selected number.
- **Edit:** change the selected item.
- **Copy:** copy the selected number to another memory location.
- **Move:** move the selected number to another memory location.
- **Speed dial:** assign a speed dial location number to the currently selected number.

- **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 one number with a name in the card's memory.

#### Adding a new contact

1. Enter a name and tap or press **<Save>**.
2. Scroll to the left or right to select a memory.
3. Move to the next field(s).
4. If you have selected **Card1/Card2**, enter a phone number.

If you have selected **Phone**, change the settings or enter more information.

- **Image:** tap or press **<Edit>** and assign one of the photos you took using the camera or the default icons as a caller ID image.
  - **Mobile/Home/Office/Pager/Fax:** add a number for each category.
  - **E-mail1/E-mail2:** tap or press **<Edit>** and enter an e-mail address.
  - **URL:** tap or press **<Edit>** and enter an URL address.
  - **Group:** select one of the default relationship groups, where the contact is to be added.
  - **Name ringer:** tap or press **<Edit>** and select a ringtone for the contact.
  - **Etc:** tap or press **<Edit>** and add a memo about the contact.
5. When you have finished, tap or press **<Save>** to save the contact.

## Adding a number to an existing contact in Idle mode

1. In Idle mode, enter a phone number and tap or 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 a card, tap or press **<Select>**.
5. Tap or 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. Scroll to an empty location and tap or press **<Add>**.

2. Enter a name for the group and tap or press **<Next>**.
3. Move to the Name ringer line and tap or press **<Edit>**.
4. Scroll to a ringtone category.
5. Scroll to a ringtone.
6. Tap or press **<Play>** to listen to the selected ringtone.
7. Tap or press **<Save>**.

### Managing a group

From the group list, tap or press **<Options>** to access the following options:

- **Edit:** change the properties of the selected group.
- **Erase:** erase the selected group or all group members in the group.

## **Speed dial** *(Menu 2.4)*

---

Once you have stored phone numbers in Contacts, you can set up to 98 (2~99) speed dial entries and then dial them easily by pressing the associated one or two number keys.

### **Setting up speed dial numbers**

1. Select **All** or **Empty**.
2. Enter the location number you want or scroll to the number you want.  
Entering a number lists all of the location numbers containing the entered number.
3. Tap or press **<Assign>**.
4. Select a contact from the Contacts list.
5. Select a number, if the contact has more than one number.

### **Editing speed dial entries**

1. Select **Stored**.
2. Enter the location number you want or scroll to the number.
3. Tap or press **<Options>** to access the following options:
  - **Replace number:** assign a different number to the location.
  - **Erase:** clear the speed dial setting for the location.

### **Viewing a speed dial map**

From the Speed dial screen, tap or press **<Map>** to view a Speed dial map showing occupied and unoccupied locations.

You can add a new entry or change existing entries.

## 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.

### Name card book *(Menu 2.5.1)*

Use this menu to create and edit your name card. You can also access the name cards you have saved and the last name card you sent.

### Creating your name card

1. Select **My Name Card.vcf**.
2. Tap or press **<Edit>**.

3. Create your name card as you would store a phone number.
4. Tap or press **<Save>** to save your name card.

### Viewing a name card

Select the name card you want to view from the Name card book list.

### Using name card options

From the name card list, tap or press **<Options>** to access the following options:

- **Edit:** edit the selected name card.
- **Add:** add a new name card.
- **Add to contacts:** save the name card as a Contacts entry.
- **Erase:** erase the name card. This option is not available for the default name card.

### **My phone #** (Menu 2.6)

---

Use this menu to view and change your phone number.

To change the phone number, tap or 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 or on both the cards.

### **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 a video by using your phone as a camcorder.

To access this menu, tap or press <**Menu**> and select **Multimedia** in Idle mode, 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 photo in a still image or multi-shot 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 first time, press [2] or tap  to change the preview screen.
3. Press [1] or tap the corresponding icon to select the camera mode you want:
  - Single (): take a photo.
  - Series (): take series of action stills.
  - Divided (): take several stills and saves them in one frame.
  - Video (): record a video.
4. Make any desired adjustments.
  - You can use the following keys to customise the image settings. You can also tap the icons corresponding to each function.

Key	Function
↕	Flips the image vertically.
↔	Shows the mirror image.

Key	Function
Left/ Right	Zooms in or out. (unavailable for 1280*960 resolution)
Up/ Down	Adjusts the brightness.
<b>1</b>	Changes the camera mode.
<b>2</b>	Switch the display between No icon view (  ) , Icons view (  ) , Guideline view (  ) , and Actual ratio view (  ) .
<b>3</b>	Sets the timer.
<b>0</b>	Accesses Quick view mode.

- You can change settings by tapping or pressing <**Options**>.

5. Tap or press <**Capture**>, or press [  ] to take a photo.

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

To	Tap
save the photo	or press < <b>Save</b> >. The photo is saved in the <b>My album</b> folder.
return to Capture mode	or press < <b>Cancel</b> >, or press [ <b>C</b> ].
rotate the image	 or press [ <b>OK</b> ].
view the one of serial-shot photos	or press < <b>Expand</b> >.

### Reviewing a photo immediately after saving

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

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

### Using camera options in Capture mode

In Capture mode, tap or press <**Options**> 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.

- **Size/Quality:** select an image size or an image 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. Access the **Take photo** menu.
2. Press [1] or tap the camera mode icon until the  icon appears.
3. Make any desired adjustments.
  - You can use the following keys to customise the image settings. You can also tap the icons corresponding to each function.

Key	Function
↑	Flips the image vertically.
↵	Shows the mirror image.
Up/ Down	Adjusts the image brightness.
Left/ Right	Zooms in or out.

Key	Function
<b>1</b>	Changes the camera mode.
<b>2</b>	Switch the display between No icon view (  ) , Icons view (  ) , Guideline view (  ) , and Actual ratio view (  ) .
<b>3</b>	Sets the timer.
<b>0</b>	Accesses Quick view mode.

- You can change settings by tapping or pressing **<Options>**.
- Tap or press **<●>** , or press [] to start recording.  
To pause recording, tap or press **<||>** and then **<●>** to resume.
  - When you have finished, tap or press **<■>** , or press [] to stop recording.

6 To	Tap
save the video clip	or press <b>&lt;Save&gt;</b> . The video is saved in the <b>My album</b> folder.
return to Camcorder mode	or press <b>&lt;Cancel&gt;</b> , or press [ <b>C</b> ].
review the video clip	 or press [ <b>OK</b> ].

### Reviewing a video immediately after saving

After saving a video clip, you can view the video clip in Quick View mode by pressing [**0**] or tapping  in Camcorder mode. Pressing [**OK**] initiates playing of the video clip.

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

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

### Using camera options in Camcorder mode

In Camcorder mode, tap or press <**Options**> 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.
- **Size/Quality:** select an image size or an image 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 on or off the audio.
- **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 captured on other devices, such as digital cameras, may not display correctly.

When you access the **Gallery** folder, the following icons may appear on the file list to show the file type:

- No icon: photo
- : video clip
- : slide show file

### Viewing a photo

1. Select **Gallery**.
2. Scroll to the photo you want.
3. Tap or press **<Expand>** to view the photo. If you select a slide show file, the slide show begins.

---

4	To	Tap
	scroll through photos	the left or right arrow, or press [Left] or [Right].

---

---

4	To	Tap
	switch to Thumbnail view mode	or press <b>&lt;Multi&gt;</b> .
	view the enlarged image	or press <b>&lt;Enlarge&gt;</b> . To zoom in or out, tap <b>+/-</b> or press [↑/↓]. Press the Navigation keys to scroll through the image.

---

### Creating a new folder

1. On the My album screen, tap or press **<Create>**.
2. Enter the name for the folder and tap or 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. Tap or press <**Options**> and select **Slide show**.
3. Select a slide show effect.  
The slide show begins.
4. Press [**C**] to stop the slide show.

## Creating your own slide show file

1. On the file list, tap or press <**Options**> and select **Slide show**.
2. Scroll to a location number and tap or press <**Import**>.
3. Select a photo for the location.
4. To add more photos, select a location. Tap or press <**Check**> and then <**Done**> to select photos to be added.

5. When you have finished, move to the effect type field.
6. If you selected **Separate**, move to the effect type field and select a slide show effect. If you selected **Common**, select a slide show effect for each photo and tap or press <**Save**>.
7. After adding photos, tap or press <**Menu**> 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.
8. When you have finished, tap or press <**Save**>.
9. Select an image folder to store the slide show file.

10. Enter a name for the slide show file and tap or press **<Save>**.

### Using photo options

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

- **Assign:** set the image as your wallpaper for the idle screen, or the opening or closing image.
- **Move:** move the file into another folder.
- **Copy:** copy the image into another folder.
- **Photo studio:** access the **Photo studio** menu.
- **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 selected files.

### Viewing a video clip

1. Select **Gallery**.
2. Scroll to the video clip you want and tap or press **<Expand>**.
3. Tap or press **<Play>** to play the video clip. To switch to thumbnail view mode, tap or press **<Multi>**.



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

During playback, use the following functions:

To	Press
pause or resume playback	[OK], or tap    or ►.

To	Press
change the repeat mode	[Up] or tap . (No icon: off, : Once, : All, : shuffle)
open the play list	[Down] or tap <b>LIST</b> .
return to the previous file	[Left] or tap .
move backward in a file	and hold [Left], or tap and hold .
skip to the next file	[Right] or tap .
skip forward in a file	and hold [Right], or tap and hold .
adjust the volume	[↑/↓] or tap .
change the display size	[ ] or tap the screen.

On the video player screen, tap or press <**Options**> to access the following options:

- **Set wallpaper:** set the video clip as your wallpaper for the idle screen.
- **File info:** access the file properties.

### Using video options

While viewing a still image of a video clip, tap or 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.

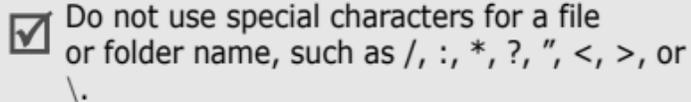
Do not use special characters for a file or folder name, such as /, :, \*, ?, ", <, >, or \.

- **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, tap or press **<Options>** to access the following options:

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



- **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. Scroll to an effect.  
You can compare the changed photo with the original by tapping or pressing **<Compare>** and then **<OK>**.
3. Tap or press **<Save>**.
4. Enter a name for the photo and tap or press **<Save>**.

### Basic effect (Menu 3.3.2)

You can change the colour tone of a saved photo.

1. Select a photo from the **My album** folder.
2. Scroll to a tone.  
You can compare the changed photo with the original by tapping or pressing <**Compare**> and then <**OK**>.
3. Tap or press <**Save**>.
4. Enter a name for the photo and tap or 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. Tap or press <**Options**> to access one of the following editing options:
  - **Fun frame**: select a decorative frame.
  - **Clip**: select an image. You can move it to the position you want by pressing the Navigation keys.
  - **Photo sticker**: select a photo cut-out.  
▶ p. 58.
  - **Text**: enter text. After entering text, you can change the font size and colour, and the brightness of the font colour. You can move text to the position you want by pressing the Navigation keys.
3. After adding decorations, tap or press <**Save**>.
4. Enter a name for the photo and tap or 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 photo cut-out type and tap or press **<Select>**.
3. Adjust the photo cut-out size and tap or press **<Next>**.
4. Move the photo cut-out to the position you want and tap or 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.

The selected video clip plays.

2. When the part of the video clip you want to capture appears, tap or press **<Capture>**. The video clip frame displays.
3. Tap or press **<Save>**.
4. Enter a name for the video clip frame and tap or press **<Save>**.

### **Composition** (Menu 3.3.6)

You can make a new image by combining two photos.

1. Tap or press **<Import>** when the **Main Image** field highlights.
2. Select a photo from the **My album** folder.
3. Move to the **BG Image** field and tap or press **<Import>**.
4. Select a photo from the **My album** folder.
5. Tap or press **<Next>**.

6. Adjust the image brightness and tap or press **<Save>**.
7. Enter a name for the composition and tap or press **<Save>**.

### **Revision** (Menu 3.3.7)

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

1. Select a photo from the **My album** folder.
2. Tap or press **<Options>** to access the following options:
  - **Sharpness**: adjust the image sharpness.
  - **Brightness**: adjust the brightness of the image.
  - **Saturation**: adjust the degree of the grey of the image colour.
  - **Blur**: adjust the clarity of the image.

3. After changing the properties, tap or press **<OK>**.  
You can compare the changed photo with the original by tapping or pressing **<Compare>** and then **<OK>**.
4. Tap or press **<Save>**.
5. Enter a name for the photo and tap or press **<Save>**.

### **Resize** (Menu 3.3.8)

You can change the photo size. You cannot resize the 176x144 image.

1. Select a photo from the **My album** folder.
2. Tap or press **<Change>** and select the image size you want.
3. Tap or press **<Save>**.
4. Enter a name for the resized photo and tap or 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. Scroll to the left or right to select a direction icon, ,  or .
3. Scroll to the up or down to select an orientation for the photo.
4. Tap or press **<Save>**.
5. Enter a name for the adjusted photo and tap or 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. Tap or press **<Import>** when the **Main Image** field highlights.

2. Select a photo from the **My album** folder.
3. Move to the **Char Image** field and tap or press **<Import>**.
4. Select a photo from the **My album** folder.
5. Tap or press **<Next>** and then **<Save>**.
6. Enter a name for the photo and tap or press **<Save>**.

### Settings (Menu 3.4)

---

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

- **Sound:** select a sound to indicate a shutter release sound, the camera is ready for use, and a self timer sound.
- **Interruption:** set whether to accept the call, message, or alarm alert while in Capture mode or Camcorder mode.
- **Reset:** reset settings to their default status.

- **Auto saving:** set whether the camera saves an image automatically after taking it.
- **Album lock:** lock the **My album** folder so that other people cannot access it without your password.

## Display *(Menu 4)*

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

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

### Screen saver *(Menu 4.1)*

---

Use this menu to set up the idle screen.

- **Image:** select a background image.

### Functional screen *(Menu 4.2)*

---

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

### Power on/off *(Menu 4.3)*

---

You can select an image to be displayed when the phone is switched on or off.

### Dialing font *(Menu 4.4)*

---

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

### Time setting *(Menu 4.5)*

---

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

### Single clock (Menu 4.5.1)

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.

### Dual clock (Menu 4.5.2)

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

1. Select the time zone for the upper clock and press [Down].
2. Select the time zone for the lower clock.
3. Tap or press <**Save**>.

- You can apply the daylight savings time for each clock. When a clock highlights, tap or press <**DST On**> and then <**Save**>.

### Backlight (Menu 4.6)

---

Use this menu to customise settings for the backlight.

- **LCD**: select the length of time the backlight remains on.
- **LCD brightness**: adjust the brightness of the display.
- **Keypad**: select the keypad backlight mode.  
**Save mode**: use the backlight only between 5:00 PM and 8:00 AM. Doing this saves the battery power.  
**Normal mode**: flash the backlight when you press any key.

## Messages (Menu 5)

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

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

### 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 tap or press <**Next**>.
2. Press [Down] to change the following options:
  - **Priority:** (in CDMA network) set the priority level of the message.

- **Ack:** (in CDMA network) activate or deactivate the delivery acknowledgement feature. When this feature is activated, the network informs you whether your message is delivered to the recipient or not.
- **Reply path:** (in GSM network) allow recipients to reply to you through your SMS server.
- **Delivery Report:** (in GSM network) set the network to inform you when your messages have been delivered.
- **Save:** select one of the following saving options:
  - Save&Send:** save a copy of the message and then send the message.
  - Send only:** send the message. The message will be deleted after sending.
  - Save only:** save the message so that it can be sent later.

3. Tap or press **<Next>**.
4. Enter a phone number.  
To send the message to multiple destinations, enter additional numbers.
5. When you have finished, tap or press **<Send>** to send or save the message.

### **Inbox** (Menu 5.2)

---

Use this menu to access 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. Tap or press **<Select>** to view the message immediately.

#### **Viewing a message in Inbox**

1. Select **Text** from the **Inbox** menu. A list of received messages displays. Icons displayed on the list indicate the message's status:
    - : Messages received from a GSM network
    - : Messages received from a CDMA network
- A red icon with ! means that the message is urgent.
  -  and  mean that the message is saved on the cards.  means that the message is saved in the phone's memory.
2. Scroll to a message storage.
  3. Select the message you want.
  4. To send a reply to the sender, tap or press **<Reply>**.

## Using message options

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

- **Erase:** erase the currently selected message from your Inbox.
- **Forward:** send 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 a card or the phone's memory.
- **Move:** move the message to a card or the phone's memory.

## Accessing voicemails

When you receive a voicemail, a text notification displays. Tap or press <**Select**>, 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 a GSM network, you can press and hold [**1**] in Idle mode to access the voicemail centre.

## Outbox *(Menu 5.3)*

---

Use this menu to access messages you have sent or tried to send.

## Viewing sent text messages

When you access the **Outbox** menu, a list of sent messages appears.

Icons displayed on the list indicate the messages' status:

- : Messages that have been successfully delivered in a CDMA network
- : Messages that have been successfully delivered in a GSM network
- : Messages that the phone has failed to send in a CDMA network
- : Messages that the phone has failed to send in a GSM network

- A red icon with ! means that the message is urgent.
-  and  mean that the message is saved on the cards.  means that the message is saved in the phone's memory.

1. Scroll to a message storage.
2. Select the message you want.
3. To forward the message to other people, tap or press **<Forward>**.

## Using message options

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

- **Erase:** erase the currently selected message.
- **Resend:** send the message to the recipient again.
- **Call/Save:** make a call to the recipient's numbers or save the recipient's numbers in Contacts.
- **Copy:** copy the message to a card or phone's memory.
- **Move:** move the message to a card or phone's memory.

## Drafts (Menu 5.4)

---

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

1. Scroll to a message storage.
2. Select the message you want.
3. To read the message text audibly, tap or press <**View**>.

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

- **Erase:** erase the selected message.
- **Forward:** send the message to other people.
- **Call/Save:** make a call to the sender's phone number or save the number to Contacts.
- **Lock/Unlock:** lock the message to protect it from being deleted, or unlock the message.

## Setting (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.
- **Save:** select the default save option.

- **CDMA settings:** customise the settings for your outgoing messages in a CDMA network.  
**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.
- **GSM settings:** customise the settings for your outgoing messages in a GSM network.  
**Service centre:** set the number of your message centre.  
**Validity period:** set the length of time your messages are stored in the SMS server.  
**Message type:** set the default message type. The network can convert the messages into the selected format.

**Reply path:** allow the recipient to reply to you through your message centre.

**Delivery report:** set the network to inform you when your message has been delivered.

**Voice mail center:** set the number of your voicemail centre. Please contact your service provider for further details.

- **Msg list info:** select the sort type of the message list.

### **SOS message** *(Menu 5.6)*

---

In an emergency, you can send SOS messages to your family or friends for help. You can also receive SOS messages from other people who are in an emergency.

## Setting up SOS message options

1. Select **On** to activate the SOS message feature.
2. Press [Down] and specify the following options:
  - **Recipients:** specify 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 tapping and pressing <Help>.

## Sending the 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 [📞].

When you receive an SOS message, the phone sounds a siren tone even if it is in Silent mode.

## 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 cards.

## Sounds (Menu 6)

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

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

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

### **Ringer** (Menu 6.1)

---

Use this menu to set the ringer for 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, and schedule alarms. 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 ringtone 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 phone 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 (beeps) 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.

## **Hour alert** (Menu 6.5)

---

You can set your 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. Scroll to an alert type and tap or press **<Save>**.

## **Entertainment** (Menu 7)

Using the **Entertainment** menu, you can play games using your phone, enjoy MP3 files.

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

### Games (Menu 7.1)

---

You can enjoy fun games on your phone.

1. Select the game you want.
2. Press any key except for [] and [C/G].
3. If necessary, select a game mode.

The phone displays the following options; options vary depending on the selected game:

- **NEW GAME/Start game:** start a new game.
- **CONTINUE/LOAD GAME:** restart the game you last played.
- **RECORD:** check the high score table.
- **OPTION:** change the game settings.
- **HELP:** give you the information about how to play the game.
- **EXIT:** exit the game.

4. Select **NEW GAME**.

For further information about games, refer to the help option.

### MP3 (Menu 7.2)

---

Use this menu to enjoy music.



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

#### 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

You can save music files to your phone's memory by connecting the phone to a computer and copying them to the phone. ▶ p. 84

#### Creating the play list

Before playing MP3 music files, you need to add them to the play list.

1. Access the **MP3 files** menu.
2. Tap or press <**Options**> and select **Add to play list**.

3. Tap or press <**Check**> to select the files you want.
4. Tap or press <**Add**>.
5. To play the music files, tap or press <**Play**>.

### Playing MP3 music files

To play MP3 music files, press [OK] or tap ► from the MP3 player screen.

During playback, use the following functions:

To	Press
pause or resume playback	[OK], or tap    or ►.
change the repeat mode	[Up] or tap . (No icon: off, : All, : Once, : shuffle)
open the play list	[Down] or tap <b>LIST</b> .

To	Press
return to the previous file	[Left] or tap ◀◀. To return to the beginning of the file, tap or press within 3 seconds.
move backward in a file	and hold [Left], or tap and hold ◀◀.
skip to the next file	[Right] or tap ▶▶.
skip forward in a file	and hold [Right], or tap and hold ▶▶.
adjust the volume	[↑/↓] or tap .
repeat a section	or tap < <b>A-B</b> >.

### Using MP3 player options

During playback, tap or press <**Options**> to access the following options.

- **Go to file list:** open the MP3 file list.
- **Timer:** set the length of time the MP3 player stays on. The timer appears to show you the time remaining.
- **Set to ringer:** set the music file as a ringtone for incoming calls, alarm sets, or scheduler alarms.
- **Visual effect:** select an equaliser image.
- **File info:** access the file properties.
- **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.
- **Key lock:** lock the exposed keys on the phone except for [⏪/⏩] so that you can prevent an accidental key presses from affecting playback. To unlock the keys, press and hold any key except for [⏪/⏩], and tap or press **<Yes>**.

### MP3 play list (Menu 7.2.2)

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

Tap or 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:** select an equaliser image.
- **Go to file list:** access the file list.
- **File info:** access the file properties.

### MP3 files (Menu 7.2.3)

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

Tap or press **<Options>** to access the following options:

- **Open files:** display all files stored in the phone's memory.
- **Add to play list:** add files 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, such as /, :, \*, ?, ", <, >, or \.

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

### **MP3 settings** (Menu 7.2.4)

Use this menu to change the settings for using the MP3 player.

- **Skip length:** select the interval by which the phone skips forward or backward through a music file.

- **Load default:** restore the default settings for the MP3 player.

### **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.

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

#### **Composer melody** (Menu 7.3.1)

When you access this menu, a staff 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.

## Menu functions

2. When you have placed the selection point to your satisfaction, tap or 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.

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

### Using composer options

While composing a melody, tap or 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 orange 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 [ ✖ ] or [ # ], or tap  or  to move a note to the next lower or higher position by semi-tone.
  - Tap or press <**Input**> to change the type of the selected note or rest.
  - Tap or 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, move the selection cell to an input position.
4. Tap or press <**Options**> and select **Save** to save the changes to the melody, or select **Save as** to save the melody under a different name.

### **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 tap or press **<Play>**.

### Using melody options

From the melody list, tap or press **<Options>** to access the following options:

- **Set to ringer:** set the melody as a ringtone for incoming calls, alarm sets, 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 dictionary, calculator, voice recorder, and counter. You can also use the Bluetooth feature.

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

### 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 tapping or pressing **<New>**. ▶ p. 80

## Viewing an item

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], or tapping the left or right arrow.
2. Tap or press **<View>** to view the details on the selected item.

## Using Today's options

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

- **Calendar:** go to the calendar.
- **Jump to date:** specify the date you want to access.
- **Assign to idle:** set the item 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 item commences.

### Consulting the calendar

When you enter this menu, the calendar in Month view appears with today's date indicated by a red box.

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

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

### Selecting a day

- Press [Left] or [Right], or tap the left or right arrow to move by day.
- Press [Up] or [Down] to move by week.
- Press [↶/↷] to move by month.

### Using calendar options

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

- **View type:** change the view mode of the calendar. ▶ p. 81
- **Erase events:** erase items for the specific period.
- **Erase all:** erase all scheduled items.
- **View festivals:** set the list of the national or personal anniversaries and festivals.
- **Jump to date:** specify the date you want to access.

### Creating an item

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

1. Scroll to a day from the calendar.
2. Tap or press <New>.
3. Enter information or change the settings:
  - **Type:** select an item type.
  - **Contents:** enter your item contents.
  - **Start:** enter the starting time and date for the item.
  - **End:** enter the ending time and date for the item.
  - **Contacts:** enter a contact number.
  - **Alarm:** set an alarm.
  - **Before:** set how long before the item the alarm is to alert you.
4. Tap or press <Save> to save the item.

## Viewing your schedule

Days with created 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 item.

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

- **Edit**: edit the selected item.
- **Add 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. Tap or 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 item.

### 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 item.

### 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 enter up a list of tasks you need to do.

### Creating a task

1. Tap or press **<New>**.
2. Enter the task content and tap or press **<Save>**.

3. Select  **High** or **Low** priority 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.
5. Tap or press **<Save>** to save the task.

### Viewing a task

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

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

While viewing a task, tap or 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 forward.  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 an alarm to sound at a specific time.

## Setting an alarm

1. Select **Alarm**.
2. Select **Wake-up call, Alarm 1**, or **Alarm 2**.
3. Select the alarm frequency option on the **Set** field.
  - **Once**: the alarm rings just once.
  - **Daily**: the alarm rings every day at the same time.
  - **Mon-Fri**: the alarm rings from Monday to Friday.
  - **Select**: the alarm rings on the specified days.
4. If you choose **Select**, press [Down] and deselect the days you do not want by tapping or pressing **<Uncheck>**.
5. Move to the **Time** field.
6. Enter the alarm time and press [Down].
7. If you select **Wake-up call** in step 1, select the alarm interval you want and press [Down].
8. Tap or press **<Edit>** to specify an alarm ringer.
9. Scroll to a ringtone category.
10. Select a ringtone.
11. Press [Down] and tap or press **<Uncheck>** if you do not want the alarm to sound in Silent mode.
12. Tap or 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, tap or press <**Snooze**>. The alarm repeats at specified intervals. Tap or press <**End**> and then <**Yes**> to stop an alarm.

## Deactivating an alarm

1. From the Alarm screen, select **Alarm**.
2. Select the alarm you want to deactivate.
3. Select **Off** from the **Set** field.

## User memory *(Menu 8.5)*

---

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

### Connect 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 a computer.
2. Access the **Connect PC** menu.
3. Enter the password and tap or press <**Done**>. 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. Tap or press <**Disconnect**> to exit Memory Disk mode.
8. Tap or 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 programme 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.

### **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.

You can also use each file option when you tap or press <**Options**> with a file highlighted in a folder:

- **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:** change the sort order of files in a folder.
- **List view:** change the view mode to List view.
- **File info:** access the file properties.
- **Set to ringer:** set the MP3 file as a ringtone for incoming calls, alarm sets, or scheduler alarms.

## Menu functions

- **Assign:** set the image as your wallpaper for the idle screen, or the opening or closing image.
- **Lock/Unlock:** lock the file so that other people cannot access it without your password, or unlock the file.

### Memory info (Menu 8.5.3)

Use this menu to view the memory status of each folder in the phone.

### Format (Menu 8.5.4)

Use this menu to format files saved in the **File manager** folder.

### 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.

- **Removable disk:** view the various files imported from your PC.

### Viewing a file

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
1. Select a location from which you want to read files.
  2. Select the file you want.

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

3. Use the following keys to view the document. You can also tap the icons corresponding to each function.

Key	Function
Left/Right/ Up/Down	Pans around the page.
↵ / ↴	Zooms in or out.
<b>1</b>	Returns to the previous page. Moves to the first page when held down.
<b>2</b>	Rotates the page.
<b>3</b>	Moves to the next page. Moves to the last page when held down.
<b>4</b>	Changes the view mode to the screen width.

Key	Function
<b>5</b>	Changes the view mode to the screen height.
<b>6</b>	Displays a map of the current page.
<b>7</b>	Hides a map of the current page.
<b>8</b>	Hides or displays the shortcut tool bar.

You can view the function of the keys you can use by tapping and pressing **<Help>**.

### Using file options

From the file list, tap or 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 or folder 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.

Tap or press **<Pause>** to pause recording, or **<Continue>** to resume.

3. Tap or 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 the voice memo. The screen displays the length of the memo.
4. When you are satisfied, select **Save**.
5. Enter a title for the memo and tap or press **<Save>**.

#### Playing a voice memo

1. From the Voice memo screen, select **Memo List**.
2. Scroll to a memo and tap or press **<Play>**.

From the memo list, tap or 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 or folder name, such as /, :, \*, ?, ", <, >, or \.

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

### **Voice answer** (Menu 8.6.2)

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

This feature is unavailable in a GSM network.

### **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, tap or press <**Stop**>.
5. Select **Save**.
6. Enter a name for the greeting and tap or press <**Save**>.

To select a greeting message:

1. From the Voice answer screen, select **Settings** → **Greet**.
2. Select the greeting message you want.
3. Tap or press <**Save**>.

### 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, tap or press <**Options**> to access the following options:

- **Erase**: erase the message.
- **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**: turn on or off 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 *(Menu 8.7)*

---

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

## Memo pad (Menu 8.7.1)

You can create memos by the normal method.

### Writing a new memo

1. Tap or press **<New>**.
2. Enter what you need to remember and tap or press **<Save>** to save the memo.

### Viewing a memo

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

While viewing a memo, tap or 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.

## Sketch Memo (Menu 8.7.2)

You can create memos by drawing a sketch using the stylus pen on the touch screen yourself.

Creating a new sketch memo

1. From the Sketch Memo screen, access the **Sketch Memo** menu.
2. Draw a sketch using the stylus pen on the screen.
3. You can use the following tools at the bottom line of the screen:

Tool	Function
 ( <b>New</b> )	Creates a new sketch memo.
 /  ( <b>Paint</b> )	Switches to the paint brush.

Tool	Function
 ( <b>Erase</b> )	Erases the drawing as you move the pen.
 ( <b>Undo</b> )	Cancels your last action.
 ( <b>Thickness</b> )	Opens the line picker screen so that you can change the line thickness. This option is not available when you select the paint brush tool.
 ( <b>Color</b> )	Changes the pen colour.
 ( <b>Go to View</b> )	Accesses the <b>View</b> menu.

4. When you have finished, tap or press **<Save>**.

### Using sketch memo options

While creating a memo, you can tap or press **<Options>** to use the same functions with the tools in the **Sketch memo** menu.

### Viewing a sketch memo

1. From the Sketch Memo screen, access the **View** menu.
2. Scroll to the memo you want.
3. To view the memo on the full screen, tap or press **<Expand>**. To return to the thumbnail memo screen, tap or press **<Multi>**.

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

- **Edit**: edit the memo.
- **Erase**: erase the selected memo.

- **Erase all:** erase all memos.
- **Go to sketch memo:** go to the **Sketch Memo** menu.

## 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 [  $\times$  ] or tap . to enter a decimal point.
  - Press [ # ] or tap ( ) to enter brackets.
  - To change the sign of a number to a negative (-), tap or press <Options> and select +/-.

2. Press one of the Navigation keys, or tap the operation to access the math function you want.
3. Enter the second number.
4. Press [OK] or tap = to get the result.
5. If necessary, repeat from step 2 to continue the calculation.



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

### Unit converter (Menu 8.8.2)

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

1. Tap or press <Options> and select a converter.

2. Enter the value to be converted and press [Down].
  - Press [ \* ] to insert a decimal point.
  - Tap or press <Clear> to delete the entered number.
3. Scroll to the original unit and press [Down].
4. Scroll to 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 ring at 9 AM on the specified day.

### Creating a countdown timer

1. Tap or press <New>.
2. Enter the date from which you want to count down.



You can enter between 1981 and 2099 for the year.

3. Enter the event for your countdown timer and tap or press <Save>.
4. Set the alarm to **On**.
5. Tap or press <Save> to save the timer.

### Viewing a countdown timer

Select a timer from the countdown timer list.

While viewing a timer, tap or 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 DST and tap or press <**DST**>.
2. Tap or press <**Yes**>.

### **Stopwatch** (Menu 8.0.2)

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

1. Tap or press <**Start**> to start the timer.
2. Tap or press <**Lap**> to check an interval. You can repeat this step for a total of 20 intervals.
3. When you have finished, tap or press <**Stop**>.

## **Bluetooth** (Menu 8.\*)

---

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

Using Bluetooth wireless, you can connect the phone wirelessly to a Bluetooth headset or hand-free kit to talk hands-free.

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, the maximum operating distance may be reduced.
- You can use your phone as a modem to access the Internet after connecting the phone to a PC by using an optional Bluetooth dongle.
- Some devices may not be compatible 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.
- **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.
- **Connectivity:** select a phone mode.  
**PC to USB:** you can access the Internet on a PC using the phone as a modem by connecting the phone to a PC via USB.  
**PC to BT:** You can access the Internet on a PC by connecting a Bluetooth dongle to a PC.

### Searching for and connecting to a Bluetooth device

1. From the **Bluetooth** menu, select **My Devices**.
2. Tap or press **<Options>** and select the device type you want to search for.
3. Tap or press **<Search>**.

After searching, you can connect to one of the following device:

-  Headset
-  Computer
-  Hands-free car kit

The colour of the icon indicates the status of the device:

- Blue for paired devices
- Grey for unpaired devices

4. Scroll to a device and tap or press **<Add>**.
5. Enter a Bluetooth PIN and tap or 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.

## Using device options

From the device list, tap or 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 this menu, tap or press <**Menu**> and select **Settings** in Idle mode.

### CDMA net services (Menu 9.1)

---

Use this menu to access network services.

#### Call forward (Menu 9.1.1)

This CDMA network service allows incoming calls to be forwarded to another number. Contact your service provider to check this service's availability.

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 divert calls to the voice mail server, select **Enable to voice mail**. To deactivate, select **Disable**.
3. Enter the phone number to which calls are forwarded and tap or press <**Send**>.

#### Call waiting (Menu 9.1.2)

This CDMA 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.

## **GSM net services** (Menu 9.2)

---

Use this menu to access network services. Please contact your service provider to check their availability and subscribe to them, if you wish.

### **Call diverting** (Menu 9.2.1)

This network service reroutes incoming calls to a phone number that you specify.

1. Select a call diverting option:
  - **Divert always:** divert all calls.
  - **Busy:** divert calls when you are on another call.
  - **No reply:** divert calls when you do not answer the phone.
  - **Unreachable:** divert calls when you are not in an area covered by your service provider or when your phone is switched off.

- **Cancel all:** cancel all call diverting options.
2. Tap or press **<Activate>**. To deactivate call barring, tap or press **<Deactivate>**.
  3. Enter the number to which calls are to be diverted and tap or press **<OK>**.
  4. If you selected **No reply**, select the length of time the network delays before diverting a call.

### **Call barring** (Menu 9.2.2)

This network service allows you to restrict your calls.

1. Select a call barring option:
  - **All outgoing:** prohibit all outgoing calls.
  - **International:** prohibit international calls.

- **International except to home:** only allow calls to numbers within the current country when you are abroad, and to your home country.
  - **All incoming:** prohibit incoming calls.
  - **Incoming while abroad:** prohibit incoming calls when you use your phone outside of your home country.
  - **Cancel all:** cancel all call barring settings, allowing to be sent and received normally.
  - **Change barring password:** change the call barring password obtained from your service provider.
2. Tap or press <**Activate**>. To deactivate call barring, tap or press <**Deactivate**>.
  3. Enter the call barring password supplied by your service provider and tap or press <**Done**>.

### **Call waiting** (Menu 9.2.3)

This network service informs you when someone is trying to reach you while you are on another call.

Tap or press <**Activate**>. To deactivate call waiting, tap or press <**Deactivate**>.

### **Network selection** (Menu 9.2.4)

This network service allows you to either automatically or manually select the network used when roaming outside of your home area. You can select a network other than your home network only if there is a valid roaming agreement between the two.

- **Automatic:** connect to the first available network when roaming.
- **Manual:** select the network you want.

### Caller ID (Menu 9.2.5)

This network service allows you to hide your phone number from the person you are calling. If you select **Default**, the phone will use default setting provided by the network.

### Security (Menu 9.3)

---

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 password and tap or press **<Done>**. It is preset to **0000** at the factory.

#### Lock mode (Menu 9.3.1)

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 any key, except for the alphanumeric keys and [  ], and enter the password and tap or press **<Done>**.

#### Change password (Menu 9.3.2)

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

1. Enter a new 4-digit password and tap or press **<Done>**.
2. Enter the password again and tap or press **<Done>**.

### **Emergency #** (Menu 9.3.3)

Your phone provides the option of storing one emergency numbers. All of these numbers can be manually dialed 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 [**C**] to clear the existing number.
3. Enter a number and tap or press <**Save**> to save the number.

- 120 and 999 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 9.3.4)

Used only in digital networks, Voice Privacy encrypts the voice channel so that people cannot eavesdrop on your conversation. Use this menu to enable or disable Voice privacy.

- **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 9.3.5)

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 and 999, or the 2 programmed numbers in **Emergency #**.

- **Incoming:** restrict incoming calls.
- **Contacts:** restrict use of Contacts.

### **Clear memory** (Menu 9.3.6)

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

1. Select **Contacts** or **Messages**.
2. Select the memory location to be cleared.
3. Tap or press **<Yes>** to confirm the clearing.

### **Reset phone** (Menu 9.3.7)

Use this menu to restore the default settings of all user-selectable options and/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:** restore the default settings for all options and clear all information, except for data stored in the User memory, UIM card and SIM card.

2. Tap or press **<Yes>** to confirm the reset. The phone reboots, turning itself off and then back on.

### **Card slot1/2 setup** (Menu 9.3.8/9)

Use this menu to access the security options for the currently used 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.
- **FDN mode:** activate FDN (Fixed Dialling Number) mode, in which you can dial only the numbers stored on the card.

- **Change PIN2:** Change the PIN2 of your card to a new one.

Not all SIM cards have a PIN2. If your SIM card does not, **FDN mode** and **Change PIN2** do not display.

### Network selection (Menu 9.4)

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In this menu, you can quickly switch between GSM and CDMA networks.

You can quickly switch the network by pressing [C/G] in Idle mode.

- **Card1:** switch to the network corresponding to the card inserted in the slot 1.
- **Card2:** switch to the network corresponding to the card inserted in the slot 2.
- **Setting:** set how to select a network type the next time the phone turns on. The following options are available:

**Default:** the phone automatically selects a network in the order of the card slots.

**Menu type:** the phone displays a menu window to allow you to select a network manually.

### Answer mode (Menu 9.5)

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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 soft keys, side keys, and [Ⓢ].

### **Entry method** (Menu 9.6)

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Use this menu to select the default text input mode.

### **Stylus adjust** (Menu 9.7)

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You can adjust the accuracy of the phone's recognition for the stylus touch. Perform the adjustment when the screen does not accept your tapping correctly.

Follow the instructions on the display.

### **Language/ لغة** (Menu 9.8)

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Use this menu to change the language of the display.

### **Domains preset** (Menu 9.9)

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Your 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 SIM 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** option.

“Enter PUK”

- The PIN code was entered incorrectly three times in succession, and the SIM 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. ([] 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 “Low battery warning!” flashes on the display**

- Your battery is insufficiently charged. Recharge the battery.

### **The audio quality of the call is poor**

- Check the signal strength indicator on the display ( or ). 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**

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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/kg<sup>1</sup>.

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 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.

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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.

## **For Body Operation**

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- 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>

## **Precautions when using batteries**

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- 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**

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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**

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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**

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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 minimise 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**

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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**

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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

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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 inadvertently damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. 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 temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal 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.

## *Health and safety information*

- Do not put the phone in or on heating devices, such as a microwave oven, stove, or 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. Unauthorised 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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