



HazelTM

Extended User guide

Sony Ericsson
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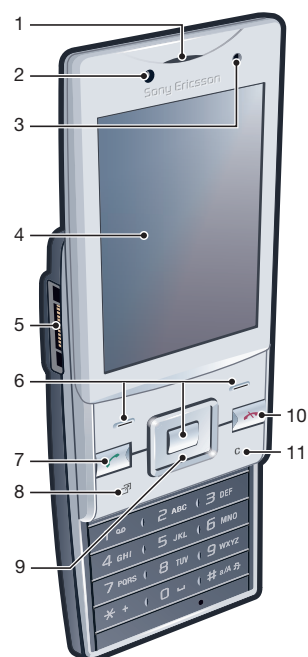
Getting started

Important information

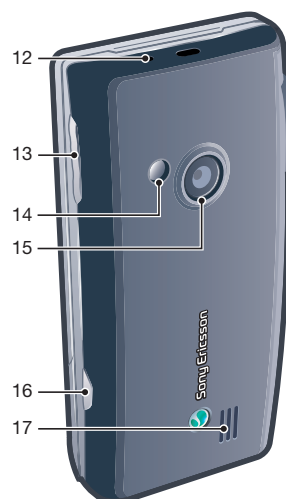
Please read the *Important information* leaflet before you use your mobile phone.

Phone overview

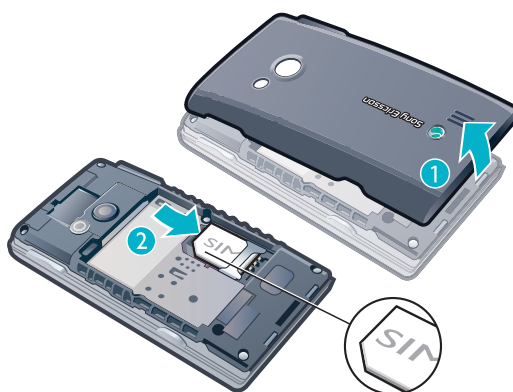
- 1 Ear speaker
- 2 Video call camera
- 3 Light sensor
- 4 Screen
- 5 Connector for charger, handsfree, and USB cable
- 6 Selection keys
- 7 Call key
- 8 Activity menu key
- 9 Navigation key
- 10 End key, On/off key
- 11 C key (Clear)



- 12 Strap hole
- 13 Volume, digital zoom key
- 14 Flashlight
- 15 Main camera lens
- 16 Camera key
- 17 Speaker

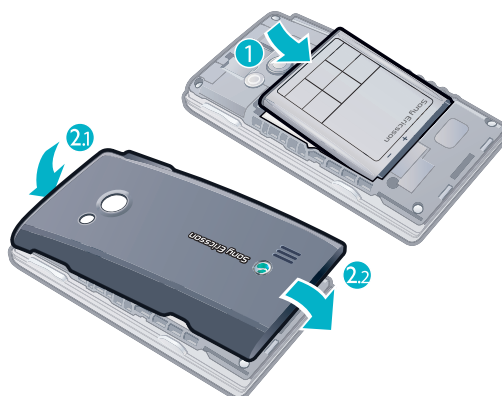


To insert the SIM card



- 1 Remove the battery cover.
- 2 Slide the SIM card into its holder with the gold-coloured contacts facing down.

To insert the battery





- 1 Insert the battery with the label side up and the connectors facing each other.
- 2 Attach the battery cover.

Turning on the phone

To turn on the phone



- 1 Press and hold down .
- 2 Enter your SIM card PIN (Personal Identification Number), if requested, and select **OK**.
- 3 Select a language.
- 4 Follow the instructions that appear.

💡 If you want to correct a mistake when you enter your PIN, press .

SIM card

The SIM (Subscriber Identity Module) card, which you get from your network operator, contains information about your subscription. Always turn off your phone and detach the charger before you insert or remove the SIM card.

💡 You can save contacts on the SIM card before you remove it from your phone.

PIN

You may need a PIN (Personal Identification Number) to activate the services and functions in your phone. Your PIN is supplied by your network operator. Each PIN digit appears as *, unless it starts with emergency number digits, for example, 112 or 911. You can see and call an emergency number without entering a PIN.

! If you enter the wrong PIN three times in a row, the SIM card is blocked. See *SIM protection* on page 70.

Standby

After you have turned on your phone and entered your PIN, the name of the network operator appears. This view is called standby. Your phone is now ready for use.

Widget Manager

You can show, hide, or add widgets using Widget Manager. A widget is a live update on a website, web page or desktop, for example, Facebook™, Twitter™. Widgets contain personalized content or applications selected by the user.

- ! This application may not be available in all markets.

To manage widgets

- 1 From standby, press the navigation key up.
- 2 Select **Manage**. Widget icons appear.
- 3 To select a widget, press the navigation key left or right.
- 4 Select **Hide** to hide a widget or **Show** if you want the widget to appear in the standby screen.

To start a widget

- 1 From standby, press the navigation key up.
- 2 To select a widget, press the navigation key left or right.
- 3 Press **Select** to start the widget.

Using other networks

Making and receiving calls, using messaging and data transfer, for example, Internet-based services, outside your home network (roaming) may incur additional costs. Contact your operator for more information.

Help

In addition to this User guide, Feature guides and more information are available at www.sonyericsson.com/support.

There are also help functions and a User guide in your phone. See the following instructions on how to access them.

To access the User guide in your phone

- Select **Menu** > **Settings** > **User help** > **User guide**.

To view tips and tricks

- Select **Menu** > **Settings** > **User help** > **Tips and tricks**.

To view information about functions

- Scroll to a function and select **Info**, if available. In some cases, **Info** appears under **Options**.

To view the phone demonstration

- Select **Menu** > **Entertainment** > **Demo tour**.

To view the phone status

- Press the volume key. Phone, memory and battery information is shown.

Supported services and features

- ! Some of the services and features described in this User guide are not supported by all networks and/or service providers in all areas. Without limitation, this applies to the GSM International Emergency Number 112. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.

Charging the battery

The phone battery is partly charged when you buy it.

To charge the battery



- 1 Connect the charger to the phone.
- 2 Remove the charger by tilting the plug upwards.

Maximizing battery performance

















- Charge your phone often. The battery lasts longer if you charge it frequently.
 - If you're in an area with no coverage, your phone repeatedly scans for available networks. This consumes power. If you cannot move to an area with better coverage, turn off your phone temporarily.
 - Turn off 3G, Bluetooth™ wireless technology, any active Wi-Fi™ connection, and GPS when you do not need these functions.
 - Do not cover the phone antenna when you're engaged in a call.
- 💡 Go to www.sonyericsson.com/support to learn more about how to maximize the battery performance.

Screen icons

These icons may appear on the screen:

Icon	Description
	The battery is almost fully charged
	The battery needs charging
	The network coverage is good
	No network coverage (also shown in flight mode)
	A 3G network is available
	A UMTS HSPA network is available
	Missed calls
	Diverted calls
	Ongoing call
	The microphone is muted
	The loudspeaker is on
	The phone is in silent mode
	New text message
	New multimedia message
	New email
	The music player is playing
	The radio is playing
	A handsfree is connected
	The Bluetooth function is activated
	A Bluetooth headset is connected
	The phone is connected to a Wi-Fi network
	The phone is connected to the Internet
	Secure website
	An alarm is activated
	Appointment reminder
	Task reminder
	GPS is activated
	A Java™ application is activated
	Activating Antivirus
	USB cable is connected

Menu overview*


 PlayNow™	Calculator	Startup screen
 Camera	 Entertainment	Screen saver
 Location services	Online services	Clock size
Google Maps	Radio	Brightness
Navigation	TrackID™	Edit line names
Tracker	Games	Calls
My favorites	Record sound	Speed dial
Settings	Demo tour	Noise shield
 Calls**	 Media	Clear Voice
 All	Photo	Smart search
 Answered	Music	Forward calls
 Dialed	Video	Switch to line 2
 Missed	Games	Manage calls
 Internet	Web feeds	Time
 Messaging	Settings	Show/hide my no.
Write new	 Calendar	Handsfree
Inbox/Conversations	 Settings	Open to answer
Messages	General	Close to end call
Email	Profiles	Connectivity
Call voicemail	Time & date	Wi-Fi
 Contacts	Language	Bluetooth
Myself	Update software	USB
New contact	Voice control	Phone name
 Organizer	Shortcuts	Content sharing
Alarms	Flight mode	Synchronization
Applications	Automatic keylock	Device management
File manager **	PIN codes	Mobile networks
File transfer	Security	Data communication
Tasks	Accessibility	Internet settings
Notes	Phone status	Streaming settings
Media Home	Master reset	Message settings
Video call	Sounds & alerts	SIP settings
Synchronization	Ring volume	Accessories
Timer	Ringtone	User help
Stopwatch	Silent mode	User guide
Flashlight	Increasing ring	Settings download
	Vibrating alert	Basic setup
	Message alert	Tips and tricks
	Key sound	GreenHeart™
	Display	
	Wallpaper	
	Main menu layout	
	Theme	

* Some menus are operator-, network-, and subscription-dependent.

** You can use the navigation key to scroll between tabs in submenus.

Navigation

To access the main menu

- When **Menu** appears on the screen, press the center selection key to select **Menu**.
- If **Menu** does not appear on the screen, press , and then press the center selection key to select **Menu**.

To navigate the phone menus



- Press the navigation key upwards, downwards, left or right to move through the menus.

To select actions on the screen

- Press the left, center or right selection key.

To view options for an item

- Select **Options** to, for example, edit.

To end a function

- Press .


To return to standby

- Press .

To navigate your media

- 1 Select **Menu > Media**.
- 2 Scroll to a menu item and press the navigation key right.
- 3 To go back, press the navigation key left.

To delete items

- Press  to delete items such as numbers, letters, pictures and sounds.

Tabs

Tabs may be available. For example, **Calls** have tabs.



To scroll between tabs

- Press the navigation key left or right.

Shortcuts

You can use the navigation key shortcuts to go directly to functions from standby.

To use navigation key shortcuts

- Press the navigation key upward, downward, left, or right to go directly to a function

To edit a navigation key shortcut

- 1 Select **Menu** > **Settings** > **General** > **Shortcuts**.
- 2 Scroll to an option and select **Edit**.
- 3 Scroll to a menu option and select **Shortc..**

Main menu shortcuts

Menu numbering starts from the top left icon and moves across and then down row by row.

To go directly to a main menu item

- Select **Menu** and press (1) – (9), (*+), (0-) or (#+).
! The **Main menu layout** must be set to **Grid**. See *To change the main menu layout* on page 68.

Activity menu

The activity menu gives you quick access to:

- **New events** – missed calls and new messages.
- **Running apps** – applications that are running in the background.
- **My shortcuts** – add your favorite functions to access them quickly.
- **Internet** – connect conveniently to the Internet.

To open the activity menu

- Press (☰).

Memory

You can save content on a memory card, in the phone memory and on the SIM card. Photos and music are saved on the memory card, if a memory card is inserted. If not, or if the memory card is full, photos and music are saved in the phone memory. Messages and contacts are saved in the phone memory, but you can choose to save them on the SIM card.

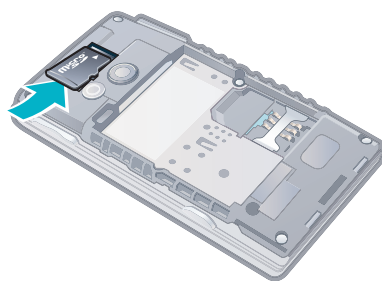
Memory card

- ! You may have to purchase a memory card separately.

Your phone supports a microSD™ memory card, adding more storage space to your phone. This type of card can also be used as a portable memory card with other compatible devices.

You can move content between a memory card and the phone memory.

To insert a memory card



- Remove the battery cover and insert the memory card with the gold-colored contacts facing down.

To remove a memory card



- Remove the battery cover and slide the memory card to remove it.


Phone language

You can select a language to use in your phone.

To change the phone language

- 1 Select **Menu** > **Settings** > **General** > **Language** > **Phone language**.
- 2 Select an option.


Entering text

You can use multitap text input or Quick text input  to enter text. The Quick text input method uses a dictionary application in your phone.

To change the writing language

- When you enter text, press and hold down .




To change the text input method


- When you enter text, press and hold down .

To shift between upper- and lower-case letters or numbers


- When you enter text, press .


To enter numbers

- 1 When you enter text, press  repeatedly until  appears at the top of the screen.
- 2 To enter a number, press .









- 💡 To enter a number from text input mode, you can press and hold down  – .

To enter punctuation marks and symbols






- 1 When you enter text, press  briefly.
- 2 Scroll to a symbol and select **Insert**.

- 💡 To select from the most commonly used punctuation marks, you can also press .

To enter text using Quick text input

- 1 Select, for example, **Menu** > **Messaging** > **Write new** > **Message**.
- 2 If  is not displayed, press and hold down  to change to Quick text input.
- 3 Press each key only once, even if the letter you want is not the first letter on the key. For example, to write the word “Jane”, press , , , . Write the whole word before looking at the suggestions.
- 4 To view word suggestions, press  or press the navigation key downwards.
- 5 Press  to accept a suggestion and add a space.

To enter text using the multitap method

- 1 Select, for example, **Menu > Messaging > Write new > Message**.
- 2 If  is displayed, press and hold down  to change to multitap text input.
- 3 Press  –  repeatedly until the desired letter appears.
- 4 Press  to add a space.

To add words to the phone dictionary


- 1 When you enter text using Quick text input, select **Options > Spell word**.
- 2 Write the word using multitap input and select **Save**.

Calling

You need to turn on your phone and be within range of a network.

Making and answering calls

To make a call



- 1 Enter a phone number (with international country code and area code, if applicable).
- 2 Press .

 You can call numbers from your contacts and call list.

To end a call


- Press .

To make international calls

- 1 Press and hold down  until a “+” sign appears.
- 2 Enter the country code, area code (without the first zero) and phone number.
- 3 Press .

To redial a number

- When **Retry?** appears, select **Yes**.

 Do not hold your phone to your ear when waiting for the call to connect. When the call connects, your phone gives a loud signal.

To answer a call

- Press .




To reject a call

- Press .

To change the ear speaker volume during a call


- Press the volume keys up or down.

To mute the microphone during a call

- 1 Press and hold down .  appears.
- 2 Press and hold down  again to resume.

To turn on the loudspeaker during a call

- Select **Spkr on**.  appears.

 Do not hold the phone to your ear when using the loudspeaker. This could damage your hearing.

To view missed calls from standby


-  appears. Press  to open the call list.

Background music

You can add background music to an ongoing call. When activated, background music can be heard by all participants. When the microphone is muted, the background music continues to play.

To start playing background music during a call

- During the call, select **Music**.

 See *To play music* on page 31.

To stop playing background music during a call

- Press the center selection key.


To change the background music volume during a call

- Press the volume key up or down.
- ! Only the music volume can be changed when the music is playing.


Call sound quality

The Noise Shield filters out sound around you that can make it difficult for the other party to hear your voice, while the Clear Voice function helps you hear better in a crowded environment.

To turn on the Noise Shield

- Select **Menu > Settings > Calls > Noise shield > On**. When the Noise shield is turned on,  appears during calls.

To turn off the Noise Shield

- Select **Menu > Settings > Calls > Noise shield > Off**. When the Noise Shield is turned off,  appears during calls.

To turn on the Clear Voice function

- Select **Menu > Settings > Calls > Clear Voice > On**.



To turn off the Clear Voice function

- Select **Menu > Settings > Calls > Clear Voice > Off**.

Video call

During a video call, the person you are talking to can see you on their screen.

Before making video calls

3G (UMTS) service is available when  or  appears. To make a video call, both parties on the call must have a 3G (UMTS) phone subscription that supports 3G (UMTS) service and 3G (UMTS) coverage.

To make a video call

- 1 Enter a phone number (with international country code and area code, if applicable).
- 2 Select **Options > Make video call**.

To use the zoom with an outgoing video call

- Press the navigation key upwards or downwards.

To share photos and videos during a video call

- 1 During a video call, press the navigation key left to switch to the video share mode tab.
- 2 Scroll to a video clip or photo and select **Share**.

To view video call options

- During the call, select **Options**.

Emergency calls

Your phone supports international emergency numbers, for example, 112 or 911. You can normally use these numbers to make emergency calls in any country, with or without the SIM card inserted, if you are within range of a network.

- ! In some countries, other emergency numbers may also be promoted. Your network operator may therefore have saved additional local emergency numbers on the SIM card.

To make an emergency call

- Enter 112 (the international emergency number) and press .



To view your local emergency numbers

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Special numbers** > **Emergency numbers**.

Call list

You can view information about answered , dialed  and missed or rejected  calls.

To call a number from the call list

- 1 Press  and scroll to a tab.
- 2 Scroll to a name or a number and press .

Contacts

You can save names, phone numbers and personal information in **Contacts**. Information can be saved in the phone memory or on the SIM card.

- 💡 You can synchronise your contacts using the Sony Ericsson PC Suite.

Default contacts

You can choose which contact information is shown by default. If **Phone contacts** is selected as the default, only contact information saved to the phone memory is listed in **Contacts**. If you select **SIM contacts** as the default, only names and numbers saved on the SIM card are shown in **Contacts**.

To select default contacts

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Advanced** > **Default contacts**.
- 3 Select an option.

Phone contacts

Phone contacts can contain names, phone numbers and personal information. They are saved in the phone memory.

To add a phone contact



- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Add**.
- 3 Enter the name and select **OK**.
- 4 Scroll to **New number:** and select **Add**.
- 5 Enter the number and select **OK**.
- 6 Select a number option.
- 7 Scroll between the tabs and add information to the fields.
- 8 Select **Save**.

Calling contacts

To call a contact

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to a contact and press .

To go directly to the contacts list

- Press and hold down  – .

To make a call using Smart search

- 1 Press **[0-9]** – **[0-9]** to enter a sequence of (at least two) digits. All entries that match the sequence of digits, or corresponding letters, are shown in a list.
- 2 Scroll to a contact or a phone number and press **[Call]**.

To turn on or off Smart search

- 1 Select **Menu > Settings > Calls > Smart search**.
- 2 Select an option.

Editing contacts

To add information to a phone contact

- 1 Select **Menu > Contacts**.
- 2 Scroll to a contact and select **Options > Edit contact**.
- 3 Scroll between the tabs and select **Add** or **Edit**.
- 4 Select an option and an item to add or edit.
- 5 Select **Save**.

- 💡 If your subscription supports Calling Line Identification (CLI) services, you can assign personal ringtones and pictures to contacts.

To copy names and numbers to phone contacts

- 1 Select **Menu > Contacts**.
- 2 Scroll to **New contact** and select **Options > Advanced > Copy from SIM**.
- 3 Select an option.

To copy names and numbers to the SIM card

- 1 Select **Menu > Contacts**.
- 2 Scroll to **New contact** and select **Options > Advanced > Copy to SIM**.
- 3 Select an option.

- ⚠ When you copy all contacts from your phone to the SIM card, all existing SIM card information is replaced.

To automatically save names and phone numbers on the SIM card

- 1 Select **Menu > Contacts**.
- 2 Scroll to **New contact** and select **Options > Advanced > Auto save on SIM**.
- 3 Select an option.

To save contacts on a memory card

- 1 Select **Menu > Contacts**.
- 2 Scroll to **New contact** and select **Options > Advanced > Back up to m. card**.

SIM contacts

SIM contacts can contain names and numbers only. They are saved on the SIM card.

To add a SIM contact

- 1 Select **Menu > Contacts**.
- 2 Scroll to **New contact** and select **Add**.
- 3 Enter the name and select **OK**.
- 4 Enter the number and select **OK**.
- 5 Select a number option and add more information, if available.
- 6 Select **Save**.

Deleting contacts

To delete all contacts

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Advanced** > **Delete all contacts**.
- 3 Select an option.

Contact memory status

The number of contacts you can save in your phone or on the SIM card depends on available memory.

To view contact memory status

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Advanced** > **Memory status**.

Myself

You can enter information about yourself and, for example, send your business card.

To enter information in Myself

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **Myself** and select **Open**.
- 3 Scroll to an option and edit the information.
- 4 Select **Save**.

To add your own business card

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **Myself** and select **Open**.
- 3 Scroll to **My contact info** and select **Add** > **Create new**.
- 4 Scroll between the tabs and add information to the fields.
- 5 Enter the information and select **Save**.

Groups

You can create a group of phone numbers and email addresses from **Phone contacts** to send messages to. You can also use groups (with phone numbers) when you create accepted callers lists.

To create a group of numbers and email addresses

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Groups**.
- 3 Scroll to **New group** and select **Add**.
- 4 Enter a name for the group and select **Continue**.
- 5 Scroll to **New** and select **Add**.
- 6 For each contact phone number or email address you want to mark, scroll to it and select **Mark**.
- 7 Select **Continue** > **Done**.


Speed dial

Speed dialing lets you select nine contacts that you can dial quickly from standby. The contacts can be saved in positions 1-9.

To assign speed dial numbers to contacts

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Speed dial**.
- 3 Scroll to a position number and select **Add**.
- 4 Select a contact.

To speed dial

- Enter the position number and press .

More calling features

Voicemail

If your subscription includes an answering service, callers can leave a voicemail message when you cannot answer a call.

To enter your voicemail number

- 1 Select **Menu > Messaging > Messages > Settings > the Message settings tab > Voicemail number.**
- 2 Enter the number and select **OK.**

To call your voicemail service

- Press and hold down .

Voice control

By creating voice commands you can:

- Voice dial – call someone by saying their name
- Answer and reject calls when you use a handsfree

To record a voice command using voice dialing

- 1 Select **Menu > Settings > General > Voice control > Voice dialing > Activate.**
 - 2 Select **Yes > New voice command** and select a contact. If the contact has more than one number, select the number to add the voice command to.
 - 3 Follow the instructions that appear. Wait for the tone and say the command to record. Record a voice command such as “John mobile”. The voice command is played back to you.
 - 4 If the recording sounds OK, select **Yes**. If not, select **No** and repeat steps 3 and 4.
- ! Voice commands are saved in the phone memory only. They cannot be used in another phone.

To voice dial a contact

- 1 Press and hold down a volume key.
- 2 Wait for the tone and say a recorded voice command, for example “John mobile.” The phone plays the command back to you and connects the call.

To activate voice answering and record voice answer commands

- 1 Select **Menu > Settings > General > Voice control > Voice answer > Activate.**
- 2 Follow the instructions that appear and select **Continue**. Wait for the tone and say “Answer”, or say any other word.
- 3 Select **Yes** to accept or **No** to make a new recording.
- 4 Wait for the tone and say “Busy”, or say any other word.
- 5 Select **Yes** to accept or **No** to make a new recording.
- 6 Follow the instructions that appear and select **Continue**.
- 7 Select the environments in which you want to activate voice answering.

To answer a call using voice commands

- Say “Answer.”

To rerecord a voice command


- 1 Select **Menu > Settings > General > Voice control > Voice dialing > Edit names.**
- 2 Scroll to a command and select **Options > Replace voice.**
- 3 Wait for the tone and say the command.

Forwarding calls

You can forward calls, for example, to an answering service.

- ! When **Restrict calls** is used, some forward call options are not available.

To forward calls

- 1 Select **Menu > Settings > Calls > Forward calls**.
- 2 Select a call type and a forward option.
- 3 Select **Activate**.  appears.
- 4 Enter the number to forward calls to and select **OK**.

Call waiting

You will hear a beep if you receive a second call while call waiting is active.


To activate call waiting

- Select **Menu > Settings > Calls > Manage calls > Call waiting > Activate**.

More than one call

You can handle more than one call at a time. For example, you can put an ongoing call on hold while you make or answer a second call. You can also switch between the two calls. You can't answer a third call without ending one of the first two calls.

To switch between two calls

- During the call, press .



To join two calls

- During the call, select **Options > Join calls**.

To end an ongoing call and return to the call on hold

- First press  and then .

To make a second call

- 1 During the call, press . This puts the ongoing call on hold.
- 2 Select **Options > Add call**.
- 3 Enter the number to call and press .

To answer a second call

- During the call, press . This puts the ongoing call on hold.

To reject a second call

- During the call, press  and continue with the ongoing call.



To end an ongoing call and answer a second call

- During the call, select **Replace active call**.

Conference calls

With a conference call, you can have a joint conversation with up to five people.

To add a new participant

- 1 During the call, press . This puts the joined calls on hold.
- 2 Select **Options > Add call**.
- 3 Enter the number to call and press .
- 4 Select **Options > Join calls** to add the new participant.
- 5 Repeat this task to add more participants.

To release a participant

- 1 Select **Options** > **Release party**.
- 2 Select the participant to release.

To have a private conversation

- 1 During the call, select **Options** > **Talk to** and select the participant to talk to.
- 2 To resume the conference call, select **Options** > **Join calls**.

My numbers

You can view, add and edit your own phone numbers.

To check your phone numbers

- 1 Select **Menu** > **Contacts**.
- 2 Scroll to **New contact** and select **Options** > **Special numbers** > **My numbers**.
- 3 Select an option.

Accept calls

You can choose to receive calls from certain phone numbers only.

To add numbers to the accepted callers list

- 1 Select **Menu** > **Settings** > **Calls** > **Manage calls** > **Accept calls** > **Only from list**.
- 2 Scroll to **New** and select **Add**.
- 3 Select a contact or **Groups**.

To accept all calls

- Select **Menu** > **Settings** > **Calls** > **Manage calls** > **Accept calls** > **All callers**.

Restricted dialing

You can restrict outgoing and incoming calls. A password from your service provider is required.

- ! If you forward incoming calls, you cannot use some restrict calls options.

Restrict calls options

Standard options are:

- **All outgoing** – restrict all outgoing calls
- **Outgoing intl** – restrict all outgoing international calls
- **Outgoing intl roam.** – restrict all outgoing international calls except to your home country
- **All incoming** – restrict all incoming calls
- **Inc. when roaming** – restrict all incoming calls when you are abroad

To restrict calls

- 1 Select **Menu** > **Settings** > **Calls** > **Manage calls** > **Restrict calls**.
- 2 Select an option.
- 3 Select **Activate**.
- 4 Enter your password and select **OK**.

Call time and cost

During a call, the phone shows how long you have been talking. You can also check on the duration of your last call, your outgoing calls and the total time of all your calls.

To check the call time

- Select **Menu** > **Settings** > **Calls** > **Time** > **Call timers**.

Showing or hiding your phone number

You can decide to show or hide the number displayed on the call recipient's phone when you make a call.

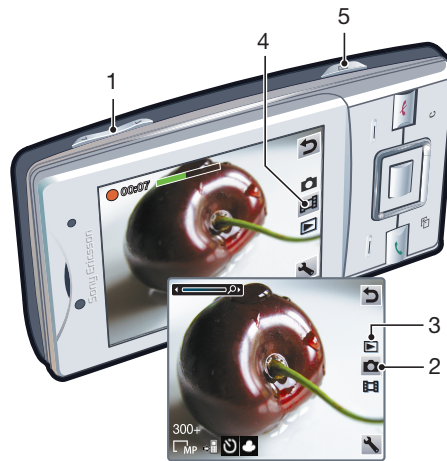
To hide your phone number

- 1 Select **Menu > Settings > Calls > Show/hide my no..**
- 2 Select **Hide number.**

Imaging

You can take photos and record videos to view, save or send. You can find saved photos and videos in **Media** and in **File manager**.

Viewfinder and camera keys



1	Zoom in or out
2	Indicates photo mode
3	View photos and video clips
4	Indicates video mode
5	Activate the camera/Take photos/Record video clips

To activate the camera

- Press .

To change settings





- Activate the camera and select .

To view information about settings

- Scroll to a setting and select .

Using the still camera


To take a photo

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Press  halfway down to use auto focus.
- 3 When the dot and focus frame are green, press  fully down to take a photo. The photo is saved automatically.
- 4 To take another photo, press  to return to the viewfinder.

To use zoom

- Press the volume key.



To adjust brightness

- Press the navigation key left to decrease the brightness. Press the navigation key right to increase the brightness. The level of brightness appears beside the .

Face detection

You can use face detection to bring an off-center face into focus. The camera automatically detects up to three faces, indicated by white frames. A green frame shows which face has been selected for focus. Focus is set to the face closest to the camera.




To set face detection

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Select  > **Focus** > **Face detection**.




Smile detection

Smile detection allows you to capture the smiles of family and friends. The camera detects up to three faces and selects one face for smile detection and auto focus. A yellow frame shows which face is selected. When the selected face smiles, the camera automatically takes a photo.

To set Smile detection

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Select  > **Shoot mode** > **Smile detection**.
- 3 When  appears, the camera is in Smile detection mode.

To use Smile detection

- 1 With **Smile detection** set, point the camera at your subject.
- 2 Press  fully down. When  appears, smile detection is activated. A yellow frame shows the face in focus.
- 3 The camera automatically takes the photo when the subject smiles.
- 4 To take a photo, although no smile is detected, press  fully down again.

Scenes

You can use **Scenes** to quickly set up the camera for common situations using pre-programd scenes. The camera has determined a number of settings for you to fit the selected scene, ensuring the best possible photo.

To use Scenes







- 1 Activate the camera and press the navigation key to scroll to .
- 2 Select  > **Scenes**.
- 3 Select a scene.
- 4 Select  to return to the viewfinder.
- 5 Take a photo.

Photo fix

You can use Photo fix to improve photos. In a one-click operation, brightness, light and contrast are adjusted to give you the best possible photo. The improvements are saved as a copy of the photo. The original photo is not affected.

To improve a photo with Photo fix

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Make sure **Review** is set to **On**. Select  > **Settings** and scroll to **Review** > **On**. Select  to return to the viewfinder.
- 3 Take a photo.
- 4 When you review the photo, select **Options** > **Photo fix**.
- 5 Review the improvement and select **Save** to save.
- 6 If you do not want to save the improvement, select **Back**.

Tips on using the camera

Rule of thirds

Don't place your subject in the middle of the frame. By placing it a third of the way in, you achieve a better result.

Hold it steady

Avoid blurry photos by holding the camera steady. Try to steady your hand by leaning it against a solid object. You can also use the self-timer to make sure that the phone is steady when the photo is taken.

Get closer

By getting as close as possible to your subject, you can avoid relying on the zoom. Try to fill the viewfinder with your subject.

Stay within the flash range

Photos taken beyond the maximum flash range will be too dark. The maximum flash range is about four steps from the subject.

Consider variety

Think about different angles, and move towards the object. Take some vertical photos. Try different positions.

Use a plain background





A plain background helps highlight your subject.

Keep your lens clean

Phones are used in all kinds of weather and places, and carried in pockets and bags. This results in the camera lens becoming dirty and covered with fingerprints. Use a soft cloth to clean the lens.

Using the video camera

To record a video

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Press  fully down to start recording.
- 3 To stop recording, press  fully down. The video is saved automatically.
- 4 To return to the viewfinder and to record another video, press .


Working with photos

You can view, enhance, and organize photos and videos on your computer by installing the *Adobe™ Photoshop™ Album Starter Edition* application. It's available for download at www.sonyericsson.com/support.



Use theMedia Go™ application to transfer content to and from your phone.

Viewing and tagging photos

To view photos

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Scroll through the photos.


To view videos

- 1 Activate the camera and press the navigation key to scroll to .
- 2 Scroll to a video and press the center selection key. Videos are indicated by  in the upper left corner.

To view photos in a slide show

- 1 Select **Menu > Media > Photo > Camera album**.
- 2 Select a month.
- 3 Scroll to a photo and select **View**.
- 4 Select **Options > Slide show**.
- 5 Select a mood.

Viewing photos on a map

When you take a photo, you can attach your geographical position to it. This is called geo tagging. Geo-tagged photos are tagged with  in **Media**. If you cannot view photos on a map, see *I cannot use Internet-based services* on page 72.

- ! Information acquired by cell-id is approximate. Sony Ericsson takes no responsibility for the accuracy of such location data.

To view photos on a map

- Select **Menu > Media > Photo > Geotags**.

Photo tags

You can organize your photos using photo tags. You can create new tags, assign one or several tags to a photo, or remove a tag from a photo. Photos with the same tag are saved together under **Photo tags**. For example, you can add the tag 'Vacation' to all your vacation photos and view them all in **Photo tags** under the tag 'Vacation'.

To create a new photo tag

- 1 Select **Menu > Media > Photo > Camera album**.
- 2 Select a month.
- 3 Scroll to a photo and select **View**.
- 4 Press the navigation key downward and select **Options > New tag**.

To tag photos

- 1 Select **Menu > Media > Photo > Camera album**.
- 2 Select a month.
- 3 Scroll to a photo and select **View**.
- 4 Press the navigation key downwards and scroll to a tag.
- 5 Select **Options > Tag this photo**.
- 6 For each photo you want to tag, scroll to the photo and select **Options > Tag this photo**.

To delete a tag from a photo

- 1 When viewing a photo, press the navigation key downward
- 2 Scroll to a tag and select **Options > Undo tag**.

Using photos

You can add a photo to a contact, use the photo during phone startup, as a wallpaper in standby, or as a screen saver.

To use photos


- 1 Select **Menu > Media > Photo > Camera album**.
- 2 Select a month.
- 3 Scroll to a photo and select **View**.
- 4 Select **Options > Use as**.
- 5 Select an option.

Printing photos

You can print photos using a USB cable connected to a PictBridge™ compatible printer.


- 💡 You can also print using a Bluetooth compatible printer that supports the Object Push Profile.

To print photos using a USB cable

- 1 Select **Menu > Media > Photo > Camera album**.
 - 2 Select a month.
 - 3 Select **Options > Mark > Mark several** or **Mark all**.
 - 4 Select **Options > Print** and follow the instructions.
 - 5 Connect the USB cable to the phone.
 - 6 Connect the USB cable to the printer.
 - 7 Wait for feedback in the phone.
 - 8 Set printer settings if required and select **Print**.
-  Disconnect and reconnect the USB cable if there is a printer error.

Using web albums

If your subscription supports this service, you can send photos or videos to a web album. If you cannot send content to a web album, see *I cannot use Internet-based services* on page 72.

-  Web services may require a separate license agreement between you and the service provider. Additional regulations and charges may apply. Contact your service provider for more information.

To send photos saved in your phone to a web album

- 1 Select **Menu > Media > Photo > Camera album**.
- 2 Select a month and year.
- 3 Scroll to the photo and select **Options > Send > To web albums**.
- 4 Select a web album service. If requested, enter your login information.
- 5 Select an album, or add a new album.
- 6 Enter text and select **Send**.

To send videos saved in your phone to a web album

- 1 Select **Menu > Media > Video > Videos**.
- 2 Scroll to a video and select **Options > Send > To web albums**.
- 3 Select a web album service. If requested, enter your login information.
- 4 Select a web album, or add a new web album.
- 5 Enter some text and select **Send**.

To send photos or videos you have just taken to a web album

- 1 When you have taken a photo or recorded a video, select **Send > To web albums**.
- 2 Select a web album service. If requested, enter your login information.
- 3 Select an album, or add a new album.
- 4 Enter some text and select **Send**.

To view web albums

- 1 Select **Menu > Media > Photo > Web albums**.
- 2 Select a web album.

To go to a web address from contacts

- 1 Select **Menu > Contacts**.
- 2 Scroll to a contact and select **Open**.
- 3 Scroll to a web address and select **Go to**.

Accessing videos in your phone

You can browse and play videos using the video player from **Media** and **File manager**. You can find videos you recorded using the camera under **Camera album**. You can access other videos from **Video clips**.

To play videos

- 1 Select **Menu > Media > Video > Videos** or **Camera album**.
- 2 Scroll to a title and select **Play**.

To stop playing a video

- Press the center selection key.

To fast forward and rewind

- Press and hold down the navigation key right or left.

To move between videos

- Press the navigation key right or left.

To change the volume

- Press the volume keys up or down.

To change the video screen size

- Press the navigation key downwards.

Music

You can listen to music, audio books, and podcasts. Use the Media Go™ application to transfer content to and from your phone. For more information, see *Transferring content to and from a computer* on page 40.

Stereo portable handsfree



To use a handsfree

- Connect a portable handsfree. Music stops when you receive a call and resumes when the call has ended.
- ! If headphones are not included with the phone, you may purchase them separately.

Music player

To play music

- 1 Select **Menu** > **Media** > **Music**.
 - 2 Browse by category using the navigation key.
 - 3 Scroll to a title and select **Play**.
- 💡 Within a category, you can press (2) – (9) to go to entries beginning with a specific letter.

To stop playing music

- Press the center selection key.

To fast forward and rewind

- Press and hold down the navigation key right or left.

To move between tracks

- Press the navigation key right or left.

To change the volume

- Press the volume keys up or down.

To minimise the music player

- Select **Options** > **Minimise**.

To return to the player

- Select **Menu** > **Media**.

Supported file formats

The following file formats are supported by your phone:

Feature	Formats	Extensions
Ringtone playback	3GP	.3gp
	AAC	.aac
	MP4	.mp4
	M4A	.m4a
	MP3	.mp3
	AMR	.amr
	AMR-WB	.awb
	WAV	.wav
	SMF (GM, GML, SP-MIDI supported)	.mid
	iMelody	.imy
	XMF (Mobile XMF/DLS supported)	.xmf, .mxmf
	WMA	.wma
Video and audio playback	MP4 (Video: MPEG4 or H.264, Audio: AAC, AAC+, eAAC+)	.mp4
	3GPP™ (Video: MPEG4, H.263 or H.264, Audio: AMR-NB, AMR-WB, AMR-WB+, AAC, AAC+, eAAC+)	.3gp
	WMV	.wmv, .asf
Streaming and progressive downloading - video	3GPP™ PSS Rel6	
	MP4 (Video: MPEG4 or H.264, Audio: AAC, AAC+, eAAC+)	
	3GPP™ (Video: MPEG4, H.263 or H.264, Audio: AMR-NB, AMR-WB, AMR-WB+, AAC, AAC+, eAAC+)	
	WMV	
Streaming and progressive downloading - audio	3GP	
	AAC	
	MP4	
	AMR	
Video recording	H.263 Profile 0, Level 10	
	MPEG-4 Visual Simple Profile Level 4a	
Audio recording	AMR-NB	
	AAC (for video recording only)	
	WAV - PCM linear content (from Java™)	

Feature	Decoder format	Supported in file format
Video playback	MPEG-4 Visual Simple Profile	3GP/MP4
	H.264 Baseline Profile	3GP/MP4
	H.263 Profile 0	3GP
	VC-1 (WMV9) Simple Profile	WMV

Music playback	MPEG-1/2/2.5, audio layer 3	MP3
	AAC/AAC+/eAAC+	3GP/AAC/MP4/M4A
	WMA version 2,7,8: Class 1	WMA
	WMA version 9: Level 3	WMA
	WMA Pro (profile M0a)	WMA
	Linear/A-law/ μ -law PCM	WAV

Playlists

You can create playlists to organize your music. You can add tracks and folders to a playlist. It may take a few minutes for the phone to create a playlist.

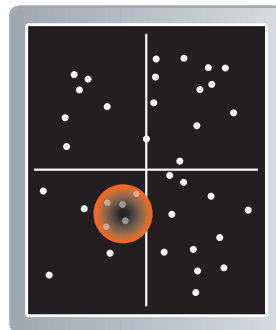
To create a playlist

- 1 Select **Menu > Media > Music > Playlists**.
- 2 Scroll to **New playlist** and select **Add**.
- 3 Enter a name and select **OK**.
- 4 For each track you want to add, scroll to the track and select **Mark**.
- 5 Select **Add** to add the marked tracks to the playlist.

To add tracks to a playlist

- 1 Select **Menu > Media > Music > Playlists**.
- 2 Select a playlist.
- 3 Scroll to **Add music** and select **Add**.
- 4 For each track you want to add, scroll to the track and select **Mark**.
- 5 Select **Add** to add the marked tracks to the playlist.

SensMe™ technology



With SensMe™ technology, you can create playlists in two ways: by mood or from all the tracks in your phone. To create playlists by mood, you first need to use the Media Go™ application to transfer tracks to your phone. Information such as mood, tempo, and chords is then added. The tracks are displayed as dots on a map with two axes. In the **All** view, all the tracks in your phone are placed randomly on the map.

To create a playlist by mood

- 1 Select **Menu > Media > Music**.
- 2 Scroll to **SensMe™** and select **Open**.
- 3 Press the navigation key upward, downward, right, or left.
- 4 Make sure you are in **Mood** view. If you are not, select **Mood**.
- 5 To preview different tracks, press the navigation key upward, downward, right, or left.
- 6 To choose an area of tracks, select **Add** and press the navigation key upward or downward.
- 7 To create the playlist and play it in the music player, select **Create**.
- 8 Select **Options > Save playlist**.
- 9 Enter a name and select **OK**.

To create a playlist from the All view

- 1 Select **Menu > Media > Music**.
- 2 Scroll to **SensMe™** and select **Open**.
- 3 Press the navigation key upward, downward, right, or left.
- 4 Make sure you are in **All** view. If you are not, select **All**.
- 5 To preview different tracks, press the navigation key upward, downward, right, or left.
- 6 To choose an area of tracks, select **Add** and press the navigation key upward or downward.
- 7 To create the playlist for playing in the music player, select **Create**.
- 8 Select **Options > Save playlist**.
- 9 Enter a name and select **OK**.

Audio books

If you use the Media Go™ application to transfer audio books to your phone from a computer, you can listen to the audio books in your phone. It may take a few minutes before a transferred audio book appears in the list of available audio books.

To access audio books


- Select **Menu > Media > Music > Audio books**.
- 💡 You can find audio books in formats other than M4B and those that do not have ID3v2 chapter tags in the **Tracks** folder.

Buy Now

If you subscribe to a music service allowing limited, nonpermanent use with your phone, you can mark a track you are interested in buying later. The next time you synchronize your music with the Microsoft® Windows Media® Player application on a computer with enabled Internet access, you should be asked if you want to buy the track you marked earlier. If you accept, the track is downloaded to your computer and your selected music service account is charged. This service requires a subscription and account with a downloadable music service, a computer with the Microsoft® Windows Media® Player 11 application or subsequent compatible version of the Microsoft® Windows Media® Player application, and a USB computer connection.

- ! You cannot see that a track is marked. You cannot unmark tracks you have already marked.

To mark a track

- When the track you want to mark is playing, press and hold down .

PlayNow™ application

When you open the **PlayNow™** application, you enter PlayNow™, where you can download music, games, ringtones, themes, and wallpapers. You can preview or listen to

content before you purchase and download it to your phone. If you cannot use the PlayNow™ application, see *I cannot use Internet-based services* on page 72.

! This service is not available in all countries.

For extended functionality, you can also access the PlayNow™ web store on a computer from www.sonyericsson.com/playnow. For more information, go to www.sonyericsson.com/support to read the PlayNow™ Feature guide.

To use the PlayNow™ application

- 1 Select **Menu** > **PlayNow™**.
- 2 Scroll through PlayNow™ and follow the instructions to preview and purchase content.

TrackID™ application

TrackID™ technology is a music recognition service. You can search for the title, artist, and album name of a track you hear playing through a loudspeaker or on the radio in your phone. If you cannot use the TrackID™ application, see *I cannot use Internet-based services* on page 72.

To search for track information

- When you hear a track playing through a loudspeaker, select **Menu** > **Entertainment** > **TrackID™** > **Start**.
- When you hear a track playing on your phone radio, select **Options** > **TrackID™** > **TrackID™**.

💡 For best results, use TrackID™ in a quiet area.


Online music and video clips

You can view video clips and listen to music by streaming them to your phone from the Internet. If you cannot use the Internet, see *I cannot use Internet-based services* on page 72.

To select a data account for streaming

- 1 Select **Menu** > **Settings** > **Connectivity** > **Streaming settings** > **Connect using:**.
- 2 Select the data account to use.
- 3 Select **Save**.

To stream music and video clips

- 1 Select **Menu** > **Internet**.
- 2 Select  and then select .
- 3 Select a link to stream from.

Radio

! Don't use your phone as a radio in places where this is prohibited.

To turn on the radio

- 1 Connect a handsfree to the phone.
- 2 Select **Menu** > **Entertainment** > **Radio**.

To search for channels automatically

- Select **Search**.

To fine tune the frequency

- Press the navigation key right or left.

To change the volume

- Press the volume keys up or down.

To minimize the radio

- Select **Options** > **Minimise**.

To return to the radio

- Select **Menu** > **Entertainment** > **Radio**.

Saving channels

You can save up to 20 preset channels.

To save channels automatically

- Select **Options** > **Channels** > **Auto save**.

To save channels manually

- 1 When you find a radio channel, select **Options** > **Channels** > **Save**.
- 2 Scroll to a position and select **Insert**.
- 3 If you want, you can rename the channel. Select **Save**.

💡 You can also save a channel in a position by pressing and holding down **0** - **9**.

To switch between saved channels

- Press the navigation key upwards or downwards.

💡 You can also select a saved channel by pressing **0** - **9**.

Recording sound

You can record a voice memo or a call. Recorded sounds can also be set as ringtones.

! In some countries or states, it is required by law that you inform the other person before recording a call.

To record a sound

- 1 Select **Menu** > **Entertainment** > **Record sound** > **Record**.
- 2 To stop recording and save, select **Save**.

To record a call

- 1 During an ongoing call, select **Options** > **Record**.
- 2 To save the recording, select **Save**.

To listen to a recording

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Scroll to **Music** and select **Open**.
- 3 Scroll to a recording and select **Play**.

Transferring and handling content

You can transfer and handle content such as pictures and music.

- ! You are not allowed to exchange some copyright-protected material.  identifies a protected item.

Organizing your content

Phone content such as pictures, videos, sounds, themes, web pages, games, and applications are saved on your phone memory or on your memory card. This content is saved in separate folders in **File manager**, which makes it easy to find what you are looking for.

You can find File manager under **Menu > Organizer > File manager**. There are three tabs to explore:

- **All files** – all content in the phone memory and on the memory card.
- **On memory card** – all content on your memory card.
- **In phone** – all content in the phone memory.

Copyright-protected content

Items that are downloaded or received using one of the available transfer methods, may be copyright-protected by DRM (Digital Rights Management). You may not be able to copy, send, or transfer such items.

To view copyright information for a file

- 1 Select **Menu > Organizer > File manager**.
- 2 Scroll to a folder and select **Open**.
- 3 Scroll to a file and select **Options > Information**.

Handling content in the phone

You can use **File manager** in your phone to handle content saved in the phone memory or on a memory card. Tabs and icons in **File manager** show where the content is saved. If the memory is full, delete some content to create space.

To view memory status

- 1 Select **Menu > Organizer > File manager**.
- 2 Select **Options > Memory status**.
- 3 Select **Memory card** or **Phone**.

To select more than one item in a folder

- 1 Select **Menu > Organizer > File manager**.
- 2 Scroll to a folder and select **Open**.
- 3 Select **Options > Mark > Mark several**.
- 4 For each item you want to mark, scroll to the item and select **Mark**.

To select all items in a folder

- 1 Select **Menu > Organizer > File manager**.
- 2 Scroll to a folder and select **Open**.
- 3 Select **Options > Mark > Mark all**.

To move items between the phone memory and the memory card

- 1 Select **Menu > Organizer > File manager**.
- 2 Find an item and select **Options > Manage file > Move**.
- 3 Select **Memory card** or **Phone**.
- 4 Scroll to a folder and select **Open**.
- 5 Select **Paste**.

To view information about content

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Find an item and select **Options** > **Information**.

To copy items

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Find an item and select **Options** > **Manage file** > **Copy**.
- 3 Select **Memory card** or **Phone**.
- 4 Scroll to a folder and select **Open**.
- 5 Select **Paste**.

To rename items or a folder

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Find an item and select **Options** > **Manage file** > **Rename**.
- 3 Enter a new name and select **OK**.

To sort content in a folder

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Scroll to a folder and select **Options** > **Sort by**.
- 3 Select an option.

To create a subfolder

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Scroll to a folder and select **Open**.
- 3 Select **Options** > **New folder**.
- 4 Enter a name and select **OK**.

To delete items

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Find an item and select **Options** > **Delete** > **Yes**.

To delete all content on the memory card

- 1 Select **Menu** > **Organizer** > **File manager**.
- 2 Select **Options** > **Memory status** > **Memory card**.
- 3 Select **Options** > **Format mem.card** > **Yes**.

Sending content to another phone

You can send content using different transfer methods, for example, Messages or Bluetooth wireless technology.

To send content

- 1 Scroll to an item and select **Options** > **Send**.
 - 2 Select a transfer method.
- ! Make sure the receiving device supports the transfer method you select.

Connecting your phone to a computer

There are two ways to establish a connection between your phone and a computer:

- Using a USB cable
- Using Bluetooth™ wireless technology

Connecting using a USB cable

You can connect your phone to a computer using a USB cable compatible with your phone.

Before you connect your phone to a computer, you need to select **PC mode**.

To select PC mode

- Select **Menu > Settings > Connectivity > USB > Set default mode** and then select **PC mode**.

To connect your phone to a computer using a USB cable

- 1 Connect your phone to the computer using a USB cable.
 - 2 **Computer:** If you have not already installed Sony Ericsson PC Suite, the *Install Sony Ericsson PC software* dialog box appears. Click *Install* to install the necessary software automatically.
 - 3 In the *Portable Device* dialog box, select *Take no action*.
- ! Do not disconnect the USB cable when transferring content as this may corrupt the content.

PC Companion

PC Companion lets you:

- Explore content in your phone.
 - Use your phone as a modem.
 - Install PC software used to synchronise, transfer and back up phone content.
- For more information, including Feature guides, go to www.sonyericsson.com/support.
- 💡 To download Mac® compatible software, go to www.sonyericsson.com/support.

Required operating systems

You need one of these operating systems to use Sony Ericsson PC software:

- Microsoft® Windows® 7
- Microsoft® Windows Vista™
- Microsoft® Windows® XP, Service Pack 2 or higher

To install PC Companion

- ! If the necessary USB software has not been installed on your PC, you need to install PC Companion. Also, Autoplay functionality needs to be enabled on your PC.
- 1 Using a USB cable supported by your phone, connect the phone to a computer that runs a Microsoft® Windows® operating system.
 - 2 **Computer:** Follow the on-screen instructions.

Dragging and dropping content

You can drag and drop content between your phone, a memory card and a computer using the Microsoft® Windows® Explorer application.

To browse the phone memory or memory card from a computer

- ! Do not disconnect the USB cable when transferring content as this may corrupt the content.
- 1 Connect your phone to the computer.
 - 2 **Computer:** Double-click the *My computer* icon on the desktop.
 - 3 To view the *Phone Memory* and *Memory card* folders, double-click your phone icon under *Devices with removable storage* in the *My computer* window.

To drag and drop content

- 1 Connect your phone to a computer using a USB cable supported by the phone.
- 2 **Computer:** Wait until the phone memory and memory card appear as external disks in the Microsoft® Windows® Explorer application.
- 3 Drag and drop selected files between the phone and the computer.

To disconnect the USB cable safely

- ⚠ Do not disconnect the USB cable when transferring content as this may corrupt the content.

- 1 **Computer:** Right-click the *Safely Remove Hardware* icon in the Microsoft® Windows® Explorer application.
- 2 Select the drives you want to disconnect. Select *Stop*.
- 3 Wait until you are notified that it is safe to remove the drive. Disconnect the USB cable.

Connecting using Bluetooth™ wireless technology

You can establish a wireless connection between your phone and a computer that supports Bluetooth™ wireless technology. The Bluetooth™ function on the phone and computer must be turned on before you start to connect. A maximum range of 10 meters (33 feet), with no solid objects in between, is recommended for Bluetooth™ communication.

To turn on the Bluetooth™ function

- Select **Menu > Settings > Connectivity > Bluetooth > Turn on**.
- ! Make sure the device you want to pair your phone with has the Bluetooth™ function activated and is visible to other devices.

To turn off the Bluetooth™ function

- Select **Menu > Settings > Connectivity > Bluetooth > Turn off**.
- 💡 To reduce battery consumption, turn off the Bluetooth function when not in use.

To show or hide your phone

- 1 Select **Menu > Settings > Connectivity > Bluetooth**.
- 2 Select **Options > Visibility**.
- 3 Select an option.

To connect your phone to a computer using Bluetooth wireless technology

- 1 **Computer:** Double-click the Bluetooth™ icon on your computer.
- 2 Select *Bluetooth/Search For Devices*.
- 3 Right-click your phone name and select *Pair device*.
- 4 Choose a PIN code and click **OK**.
- 5 **Phone:** When **Add to My devices?** appears, select **Yes**.
- 6 Enter your PIN code and select **OK**.
- 7 **Computer:** Double-click your phone name.
- 8 Double-click the Serial Port icon.
- 9 **Phone:** When **Allow?** appears, select **Yes**.

Transferring content to and from a computer

You can use the Media Go™ application to transfer media content between your phone and a computer. The Media Go™ application is available for download through PC Companion or from www.sonyericsson.com/support.

- 💡 Mac® compatible software is also available for download at www.sonyericsson.com/support.

To transfer content using Media Go™

- 1 Connect your phone to a computer using a USB cable supported by your phone.
- 2 **Computer:** When the *Portable Device* dialog box appears, select *Transfer to or from Device using Media Go* and click **OK**. The Media Go™ application opens.
- 3 **Computer:** Wait until your device appears in the *Library* navigation pane on the left of the Media Go™ window. You can now select and transfer files between the phone and computer.
- 4 Move files between your phone and the computer using the Media Go™ application.

Media Home

You can use **Media Home** to transfer content automatically from the Media Go™ application to your phone. You can also use **Media Home** to download content from a DLNA server.

Before using **Media Home**, you must install Media Go™ on your computer and enable **Media sharing**. The Media Go™ application is available for download through PC Companion or from www.sonyericsson.com/support.

To set up Media Home

- 1 **Computer:** Open the Media Go™ application and enable *Media sharing*.
- 2 **Phone:** Select **Menu > Organizer > Media Home > Options > Setup wizard** and follow the instructions.

To transfer content automatically to your phone using Media Home

- 1 Open the Media Go™ application on your computer.
- 2 Connect your phone to the charger. **Media Home** will start an automatic download when a charger is connected.

To start Media Home manually

- 1 **Computer:** Open the Media Go™ application.
- 2 **Phone:** Select **Menu > Organizer > Media Home** and press **Start**

To browse and download content from a DLNA server

- 1 Select **Organizer > Media Home > Options > Browse**.
- 2 Select a server and mark the content you want to download.
- 3 Press **Download**.

Phone name

You can enter a name for your phone that is shown to other devices when using, for example, Bluetooth™ wireless technology.

To enter a phone name

- 1 Select **Menu > Settings > Connectivity > Phone name**.
- 2 Enter the phone name and select **OK**.

Using Bluetooth™ wireless technology

Use Bluetooth™ technology to wirelessly connect to other devices, free of charge. You can, for example:

- Connect to handsfree devices.
 - Connect to several devices at the same time.
 - Connect to computers and access the Internet.
 - Exchange MP3 files, virtual business cards, photos, and more.
 - Play multiplayer games.
- ! A range of less than 10 meters (33 feet), with no solid objects in between, is recommended for Bluetooth communication.

Before using Bluetooth™ wireless technology

You must turn on the Bluetooth™ function to communicate with other devices. You may also have to pair your phone with other Bluetooth™ devices.

To turn on the Bluetooth™ function

- Select **Menu > Settings > Connectivity > Bluetooth > Turn on**.
- ! Make sure the device you want to pair your phone with has the Bluetooth™ function activated and is visible to other devices.

To pair the phone with another device

- 1 Select **Menu > Settings > Connectivity > Bluetooth > Add new device.**
- 2 Select a device.
- 3 Enter a passcode, if required.

To allow connections to the phone

- 1 Select **Menu > Settings > Connectivity > Bluetooth.**
- 2 Select a device from the list.
- 3 Select **Options > Allow connection.**
- 4 Select **Always ask** or **Always allow.**

- ! This is only possible with devices that require access to a secure service.

Power saving

You can save battery power with the Power save function. In Power save mode you can only connect to a single Bluetooth device. If you want to connect to more than one Bluetooth device at the same time, you must turn off this function.

To turn on Power save

- Select **Menu > Settings > Connectivity > Bluetooth > Options > Power save > On.**

Transferring sound to and from a Bluetooth handsfree

You can transfer sound to and from a Bluetooth handsfree using the phone keypad or the appropriate key on the handsfree.

To transfer sound

- 1 Select **Menu > Settings > Connectivity > Bluetooth > Options > Incoming call.**
 - 2 Select an option. **In phone** transfers sound to the phone. **In handsfree** transfers sound to the handsfree.
- ! If you select the option **In phone** and answer using the handsfree key, the sound transfers to the handsfree.

To transfer sound during a call

- 1 During a call, select **Sound.**
- 2 Select from the list of available handsfree devices.

Backing up and restoring

You can back up and restore your contacts, calendar, tasks, notes, and bookmarks using the Sony Ericsson PC Suite, which is available through PC Companion or from www.sonyericsson.com/support.

You can also back up and restore contacts in your phone by moving content between the memory card and the phone memory. See *Handling content in the phone* on page 37.

- 💡 Back up your phone content regularly to make sure you do not lose it.

To make a backup using the Sony Ericsson PC Suite

- 1 **Computer:** Start the Sony Ericsson PC Suite from *Start/Programs/Sony Ericsson/Sony Ericsson PC Suite*.
- 2 Follow the instructions in the Sony Ericsson PC Suite on how to connect.
- 3 Go to the backup and restore section in the Sony Ericsson PC Suite and make a backup of your phone content.

To restore phone content using the Sony Ericsson PC Suite

- ! The Sony Ericsson PC Suite overwrites all phone content during the restore process. You may damage your phone if you interrupt the process.

- 1 **Computer:** Start the Sony Ericsson PC Suite from *Start/Programs/Sony Ericsson/Sony Ericsson PC Suite*.
- 2 Follow the instructions in the Sony Ericsson PC Suite on how to connect.
- 3 Go to the backup and restore section in the Sony Ericsson PC Suite and restore your phone content.

Updating your phone

You can update your phone to the most recent software for optimal performance and to get the latest enhancements. You need a USB cable and an Internet-connected PC.

To learn how, go to

www.sonyericsson.com/update.



Remember to back up your phone content before updating. See *Backing up and restoring* on page 42.

Updating your phone using Sony Ericsson PC Suite

You can update your phone using a USB cable and *Sony Ericsson PC Suite*. When the phone is connected, it will automatically check for and notify you of new updates.

Updating your phone wirelessly

You can update your phone over the air using the Update Service application in the phone. You do not lose personal or phone information.



Update Service requires data access such as GPRS, 3G or HSDPA.

To select settings for Update Service

- Select **Menu > Settings > General > Update software > Settings > Internet settings**.

To use Update Service

- 1 Select **Menu > Settings > General > Update software**.
- 2 Select **Search for update** and follow the instructions that appear.

Messaging

Text and picture messages

Messages can contain text, pictures, sound effects, animations, and melodies.

When sending messages, the phone automatically selects the most suitable method (as a text or picture message) for sending the message.

If you cannot use picture messages, see *I cannot use Internet-based services* on page 72.

Sending messages

You can send messages from your phone. The maximum size of a standard text message is 160 characters (including spaces) if no other items are added to the message. If you enter more than 160 characters, a second message is created. Your messages are sent as one concatenated message.



To create and send a message

- 1 Select **Menu > Messaging > Write new > Message**.
 - 2 Enter text. To add items to the message, press the navigation key downwards, scroll by pressing the navigation key left or right, and select an item.
 - 3 Select **Continue > Contacts lookup**.
 - 4 Select a recipient and select **Send**.
- ! If you send a message to a group, you may be charged for each member. Contact your service provider for details.

To copy and paste text in a message

- 1 When you write the message, select **Options > Copy & paste**.
- 2 Select **Copy all** or **Mark & copy**. Scroll to and mark text in the message.
- 3 Select **Options > Copy & paste > Paste**.

Receiving and saving messages

You are notified when you receive a message.  or  appears. Messages are automatically saved in the phone memory. When the phone memory is full, you can delete messages or save them on a memory card or on the SIM card.

To save an incoming message on a memory card

- Select **Menu > Messaging > Messages > Settings > Save to > Memory card**.

To save a message on the SIM card

- 1 Select **Menu > Messaging > Messages** and select a folder.
- 2 Scroll to a message and select **Options > Save message**.

To view a message in the inbox

- 1 Select **Menu > Messaging > Messages > Inbox**.
- 2 Scroll to the message and select **View**.

To call a number contained in a message

- When you view the message, scroll to the phone number and press .

Message options

You can set some options, such as the Message alert and default storage location, to apply to all messages. You can set other options, such as the Delivery priority and Delivery time, for each message you send.

To set options for all messages

- 1 Select **Menu > Messaging > Messages > Settings**.
- 2 Select an option.

To set options for a specific message

- 1 When the message is ready and a recipient is selected, select **Options > Advanced**.
- 2 Scroll to an option and select **Edit**.

Conversations

You can choose whether to view your messages in **Conversations** or the **Inbox**. A messaging conversation shows all messaging communication between you and one of your contacts.

To view messages in Conversations

- Select **Menu > Messaging > Inbox > the Conversations** tab.
- Select **Menu > Messaging > Conversations** and select a conversation.

To send a message from Conversations

- 1 Select **Menu > Messaging**.
- 2 Select **Conversations**, or select **Inbox > the Conversations** tab.
- 3 Select a conversation.
- 4 Write a message and select **Send**.

Voice messages

You can send and receive a sound recording as a voice message.

- ! The sender and recipient must have a subscription supporting multimedia messaging.

To record and send a voice message

- 1 Select **Menu > Messaging > Write new > Voice message**.
- 2 Record the message and select **Stop > Send > Contacts lookup**.
- 3 Select a recipient and select **Send**.

Email

You can get email in your phone and use all standard email functions.

- 💡 You can synchronize your email using the Microsoft® Exchange ActiveSync® application.

Before using email

You can use the setup wizard to check if settings for your email account can be automatically downloaded. If this doesn't work, you'll be prompted to enter settings manually.

- ! To use email, you need the correct Internet settings in your phone. If you can't use the Internet, see *I cannot use Internet-based services* on page 72.

Entering email settings manually

You can create an email account on your phone by entering the email settings manually. Before using the setup wizard, you need the relevant account and settings information. You can contact your service provider regarding email accounts included in your phone subscription. Otherwise, you should contact your email service provider.


You need the following information:

- Email address – the address that others use to send email to you. It always includes the '@' character.

- Email username – the name you use to log in to your email account. Depending on your email account, this may be the same as your email address.
- Email password – the password you use to log in to your email account.
- Incoming email server (POP3 or IMAP4). This identifies the server where your incoming email messages are stored (for example, mail.example.com).


To create an email account for the first time

- 1 To start the email setup wizard, select **Menu > Messaging > Email**.
- 2 Follow the instructions to create the account.

 If you need to enter settings manually, you can contact your email provider for more information. An email provider could be the company that supplied your email address.


To create a POP3 email account manually

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Accounts**.
- 4 Scroll to **New account** and select **Add**. The setup wizard opens.
- 5 Select the type of account.
- 6 Enter your name and select **Continue**.
- 7 Enter your email address and select **Continue**.
- 8 Enter your user name for the incoming server and select **Continue**.
- 9 Enter your password for the incoming server and select **Continue**.
- 10 To complete the configuration manually, select **No**.
- 11 Select **POP3** and select **Continue**.
- 12 Enter the incoming POP3 server name and select **Continue**.
- 13 Enter the outgoing server name (SMTP) and select **Continue**.

 Your email service provider may use additional settings in their email setup. If so, you need to edit your email account before you can use it.

To create an IMAP4 email account manually

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Accounts**.
- 4 Scroll to **New account** and select **Add**. The setup wizard opens.
- 5 Select the type of account.
- 6 Enter your name and select **Continue**.
- 7 Enter your email address and select **Continue**.
- 8 Enter your username for the incoming server and select **Continue**.
- 9 Enter your password for the incoming server and select **Continue**.
- 10 To complete the configuration manually, select **No**.
- 11 Scroll to IMAP4 and select **Continue**.
- 12 Enter the incoming IMAP4 server name and select **Continue**.
- 13 Enter the outgoing server name (SMTP) and select **Continue**.

 Your email service provider may use additional settings in their email setup. If so, you need to edit your email account before you can use it.

To write and send an email message

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select the account you want to send the message from.
- 3 Select **Write new**.
- 4 To add a recipient, scroll to **To:** and select **Add > Enter email address**. Enter the email address and select **OK**.
- 5 To add more recipients, scroll to **To:** and select **Edit**. Scroll to an option and select **Add**. When you are ready, select **Done**.
- 6 To enter a subject, scroll to **Subject:**, select **Edit**, enter the subject, and select **OK**.
- 7 To enter the message text, scroll to **Text:**, select **Edit**, enter the text, and select **OK**.
- 8 Select **Add** to attach a file.
- 9 Select **Continue > Send**.

To receive and read an email message

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Inbox > Options > Check new email**.
- 4 Scroll to the message and select **View**.

To save an email message

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Inbox**.
- 4 Scroll to the message and select **View > Options > Save message**.

To reply to an email message

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Inbox**.
- 4 Scroll to the message and select **Options > Reply**.
- 5 Write the reply and select **OK**.
- 6 Select **Continue > Send**.

To view an attachment in an email message

- When you view the message, select **Options > Attachments > Use > View**.

Active email account

If you have several email accounts, you can change which one is active.


To create additional email accounts

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Accounts**.
- 4 Scroll to **New account** and select **Add**.

To change the active email account

- 1 Select **Menu > Messaging > Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Accounts**.
- 4 Select the account you want to activate.

Checking for new email messages automatically

You can set your phone to check for new email messages automatically. You can use a time interval for the check, or you can let the phone stay connected to the email server (push email). The phone will only check for email messages for the active email account. When you receive a new email message,  appears on the screen.

To set the interval for checking for new email messages

- 1 Select **Menu** > **Messaging** > **Email**.
- 2 If you have several email accounts, select an account.
- 3 Select **Settings** > the **Download** tab > **Check interval**.
- 4 Select an option.



Internet

If you cannot use the Internet, see *I cannot use Internet-based services* on page 72.

To start browsing





- 1 Select **Menu > Internet**.
- 2 Enter a web address, a search phrase or the name of a bookmark.
- 3 Scroll to an item in the list and select **Go to** or **Search**.

To exit the browser

- 1 When you are browsing the web, select  and then select .
- 2 Select **Exit browser**.






To access the web browser toolbar

When you are viewing a web page, select . The following options appear:

Icon	Function
	Pan and zoom the web page
	Search the web or enter a web address
	Manage your favorite web pages
	Manage the files you have downloaded from the Internet

Web browser shortcuts



You can use the keypad to go directly to a web browser function.

Key	Shortcut
	Bookmarks
 - 	Enter text to enter an address, search the Internet or search in Bookmarks
	Zoom
	Overview (when Smart-Fit is off)

Bookmarks

You can create and edit bookmarks as quick links to your favorite web pages.



To create a bookmark

- 1 When you are viewing a web page you want to add to your bookmarks, select  and then select .
- 2 Select **Add as bookmark**.

To select a bookmark

- 1 Select **Menu > Internet**.
- 2 When you are browsing the Internet, select  and then select .
- 3 Scroll to a bookmark and select **Go to**.



To send a bookmark

- 1 Select **Menu > Internet**.
- 2 When you are browsing the Internet, select  and then select .
- 3 Scroll to a bookmark, then select **Options**.
- 4 Select **Send** and select a transfer method.

History pages

You can view and go to web pages you have previously visited.

To view history pages



- 1 Select **Menu** > **Internet**.
- 2 Select  and then select .
- 3 Select **History**.

More browser features

To turn on or off Smart-Fit Rendering™

- 1 Select **Menu** > **Internet**.
- 2 Select  and then select .
- 3 Select **Settings** > **Smart-Fit**.
- 4 Select an option.

To use pan and zoom on a web page



- 1 When you're viewing a web page, select  and then select .
- 2 Use the navigation key to move the frame.
- 3 Press the center selection key to zoom in on a part of the web page.

- ! To use pan and zoom, **Smart-Fit** must be turned off.



To make a call when you are browsing the web

- Press .



To save a picture from a web page

- 1 When you are viewing a web page, select  and then select .
- 2 Select **Save picture**.
- 3 Select a picture.

To find text on a web page

- 1 When viewing a web page, select  and then select .
- 2 Select **Find on page**.
- 3 Enter text and select **Find**.

To send a link

- 1 When you are viewing a web page, select  and then select .
- 2 Select **Send link** and select a transfer method.

- ! Make sure the receiving device supports the transfer method you select.

Internet settings

You can receive or enter data account settings in four ways:

- Automatically by using the Settings download function on your phone.
- Automatically by using the Sony Ericsson phone settings (if supported by your service provider).
- Automatically by receiving them from your service provider.
- Manually by entering the settings on your phone.

- ! We recommend that you enter settings automatically, as this takes less time and effort than entering them manually.

Entering settings manually

To enter settings manually, you need settings information from your service provider, for example, the APN (Access Point Name).

To enter PS (Packet Switched) data account settings on the phone

- 1 Select **Menu > Settings > Connectivity > Internet settings > Connect using:**.
- 2 Scroll to a data account item and select **Options > Create new**.
- 3 Select **PS data**.
- 4 Select **Name > Edit**.
- 5 Enter a name for your data account and select **OK**.
- 6 Select **APN > Edit**.
- 7 Enter the APN (Access Point Name) you received from your service provider and select **OK**.
- 8 Select **Save** to save the account.
- 9 Select the data account you created and select **Save**. You are now ready to use the Internet.

To enter CS (Circuit Switched) data account settings on the phone

- 1 Select **Menu > Settings > Connectivity > Internet settings > Connect using:**.
- 2 Scroll to a data account item and select **Options > Create new**.
- 3 Select **CS data**.
- 4 Select **Name > Edit**.
- 5 Enter a name for your data account and select **OK**.
- 6 Select **Phone number > Edit**.
- 7 Enter the phone number you received from your service provider and select **OK**.
- 8 Select **Username > Edit**.
- 9 Enter the user name you received from your service provider and select **OK**.
- 10 Select **Password > Edit**.
- 11 Enter the password you received from your service provider and select **OK**.
- 12 Select **Save** to save the account.
- 13 Select the data account you created and select **Save**. You are now ready to use the Internet.

Modem functionality

Your phone has a built-in modem. You can use it to connect a computer to your Internet Service Provider (ISP) to browse the Internet or manage your email messages.

- ! You need to have Sony Ericsson PC Suite installed on your computer.

Before starting

Before you set up your computer and start using the modem you need:

- A GSM phone subscription that supports EDGE, GPRS or 3G.
- A phone subscription that covers Internet browsing. If you are not sure whether you have this, please contact your service provider.

Setting up Internet connections

You can establish an Internet connection through your phone using the following methods:

- Sony Ericsson PC Suite
- USB Internet mode on your phone
- Bluetooth™ wireless technology

Setting up an Internet connection using Sony Ericsson PC Suite

Sony Ericsson PC Suite lets you access the Internet using a cable connection between your phone and a computer. When you connect the two devices using an approved cable, the *How to connect wizard* in the PC Suite guides you through the process. An Internet connection is established automatically in one of three ways:

- If there is an Internet data account under **Internet settings** that corresponds to your current operator, the connection will be established automatically.
- If there is no Internet data account under **Internet settings** that corresponds to your current operator, the application creates a phone data account.

- If there is insufficient space to save the Internet data on your phone, you will be asked to overwrite an existing data account.

To connect to the Internet using Sony Ericsson PC Suite

- 1 Double-click the *Sony Ericsson PC Suite* icon on your computer desktop.
- 2 To open the *How to connect* wizard, click the *How to connect* button.
- 3 In the *How to connect* wizard, click *Next*.
- 4 Select a connection type: *USB cable* or *Bluetooth wireless technology*.
- 5 Click *Next* and follow the instructions.
- 6 Click *Internet connection*.
- 7 In the *Internet connection* window, click *Connect*.

- 💡 Make sure the signal strength is good enough to establish a data connection.

To end a connection

- Click *Disconnect* in the *Internet connection* window.

Managing connections in Sony Ericsson PC Suite

When you are connected to the Internet using Sony Ericsson PC Suite, you can manage your connections from the *Advanced settings* menu in the *Internet connection* window. You can:

- Use another connection
- Create a new connection
- Manage your connections
- View connection logs

To use a connection other than the default connection

- 1 Select *Manage your connections*. The *Manage your connections* window appears.
- 2 Double-click the connection. The connection starts up.

To create a new connection

- 1 Select *Manage your connections*. The *Manage your connections* window appears.
- 2 Double-click *Create a new connection*. The *Internet Connection Wizard* opens.
- 3 Follow the instructions. The connection that is created becomes your default connection.

To manage your connections

- 1 Select *Manage your connections*. The *Manage your connections* window opens.
- 2 Right-click the icon of the connection to be changed and select *Properties*. The *Properties* window opens.
- 3 Make the changes you want in the various tabs.
- 4 Click *OK*.

To delete a connection

- 1 Select *Manage your connections*. The *Manage your connections* window opens.
- 2 Select the icon of the connection to be deleted. Press the *Delete* key on your keyboard. A confirmation window opens.
- 3 Click *Yes*.

Setting up a USB cable modem

You can use your phone as a modem by connecting the phone to a computer using a USB cable.

To set up a USB cable modem

- 1 Connect a USB cable to your phone and the computer.
- 2 **Phone:** Select **Menu > Settings > Connectivity > USB > Advanced > Internet access > Internet via phone**.
- 3 **Computer:** The new connection appears in your *Network connections* folder.

Setting up a Bluetooth™ modem

If your computer supports Bluetooth™ wireless technology, you can connect and use your phone as a modem. The connection appears in the *Network connections* folder on the computer. The Bluetooth™ function on the phone and computer must be turned on before you start setting up the modem. A maximum range of 10 meters (33 feet), with no solid objects in between, is recommended for Bluetooth™ communication.

To set up a Bluetooth modem

- 1 **Computer:** Double-click the Bluetooth™ icon.
- 2 Click *View devices in range*. If your phone is not displayed, click *Search For Devices in range*.
- 3 Right-click your phone name and select *Pair device*.
- 4 Choose a PIN code and click *OK*.
- 5 **Phone:** When **Add to My devices?** appears, select **Yes**.
- 6 Enter the PIN code (same as before) and select **OK**.
- 7 **Computer:** Double-click your phone name in the *Bluetooth devices* window.
- 8 Double-click the serial port icon.
- 9 **Phone:** When **Allow?** appears, select **Yes**.

Internet security and certificates

Your phone supports secure browsing. Certain Internet services, such as banking, require certificates in your phone. Your phone may already contain certificates when you buy it or you can download new certificates.

To view certificates in the phone

- Select **Menu > Settings > General > Security > Certificates**.

File transfers

The File transfer manager keeps track of the files you download from the Internet, for example, media files, podcasts, and games, and helps you access the files. It also tracks your photo uploads to websites, such as web albums and blogs. In the File transfer manager, you can also install downloaded Java applications, and to pause, resume, or cancel downloads.




To access a file using File transfer

- 1 Select **Menu > Organizer > File transfer**.
- 2 Scroll to the file.
- 3 Press the center selection key to access the file, or select **Options** for other actions.

Web feeds

Using web feeds, you can subscribe to and download frequently updated content, such as news, podcasts or photos.

To add new feeds from a web page

- 1 When you browse a page on the Internet that provides web feeds, indicated by , select  and then .
- 2 For each feed you want to add, scroll to the feed and select **Add > Yes**.
- 3 Select an update frequency.


To search for web feeds

- 1 Select **Menu > Media > Web feeds**.
- 2 Select **New feed** and enter a web address.

To download content via web feeds

- 1 Select **Menu > Media > Web feeds**.
 - 2 Select **Options > Update feed**.
 - 3 Scroll to an updated feed and select **View**.
 - 4 Scroll to a heading by pressing the navigation key left or right.
 - 5 Scroll to the item you want to download by pressing the navigation key downward, then select **Options > Download file**.
- 💡 You can access downloaded files from the File transfer manager. See *File transfers* on page 54.
- 💡 You can also subscribe to and download web feed content to a computer using the Media Go™ application. See *To transfer content using Media Go™* on page 40.

Updating web feeds

You can manually update your feeds, or schedule updates. When updates arrive,  appears on the screen.

To schedule web feed updates

- 1 Select **Menu > Media > Web feeds**.
 - 2 Scroll to a feed and select **Options > Schedule update**.
 - 3 Select an option.
- ! Frequent updates may be costly.

Web feeds in standby

You can show news updates on the standby screen using the ticker application.

- ! This application may not be available in all markets.

To show web feeds in standby

- 1 Select **Menu > Media > Web feeds**.
- 2 Scroll to a feed and select **Options > Settings > Standby ticker > Show in standby**.

To access web feeds from standby

- 1 From standby, select **Ticker**.
- 2 To read more about a feed, press the navigation key upwards or downwards to scroll to a headline, then select **View**.

Podcasts

Podcasts are files, for example, radio programs or video content, that you can download and play. You subscribe to and download podcasts using web feeds.

To access audio podcasts

- Select **Menu > Media > Music > Music feeds**.

To access video podcasts

- Select **Menu > Media > Video > Video feeds**.

Photo feeds

You can subscribe to photo feeds and download photos.

To access photo feeds

- Select **Menu > Media > Photo > Photo feeds**.

Twitter™ application

Twitter™ is a social networking and micro-blogging service that lets you communicate with friends, family and web communities via tweets. Tweets are text-based posts of up to 140 characters.

! This application may not be available in all markets.

To access Twitter from Widget Manager

- 1 From standby, press the navigation key up.
- 2 To select the Twitter™ application, press the navigation key left or right.
- 3 Press **Select** to start the application.
- 4 Enter your Twitter™ username and password.

Connected home

The Connected home concept makes your phone a part of everyday living in terms of music and media handling in your home environment. It connects Hi-Fi, TV, movies, gaming, etc., on your home network.

Wi-Fi™

Using a Wi-Fi™ connection, you can access the Internet wirelessly with your phone. You can browse the Internet using personal (home) networks and hotspots (public access zones).

Personal networks are usually protected by a passphrase or key. Hotspots are usually not protected, but often require you to log on to an operator's service before you get Internet access.

Using Wi-Fi™

To be able to browse the Internet using Wi-Fi, you need to search for and connect to an available network and then open the Internet browser.

To turn on Wi-Fi™

- Select **Menu** > **Settings** > **Connectivity** > **Wi-Fi** > **Turn on**.

To connect to a network

- 1 Select **Menu** > **Settings** > **Connectivity** > **Wi-Fi**.
- 2 Scroll to a network and select **Connect**.

To start browsing using Wi-Fi™

- 1 Make sure (📶) is showing in the status bar.
- 2 Select **Menu** > **Internet**.

- 💡 Often used networks can be saved as favorites. If you turn on **Auto connect** for one of these networks, your phone will connect automatically to that network when it is within range.

DLNA™

Your phone has built-in DLNA™ (Digital Living Network Alliance) functionality that uses Wi-Fi™ technology to connect to your home network. Other DLNA devices connected to the same home network can access, view, and play images and music saved in your phone. A compatible DLNA device can be, for example, a computer, camera, TV, PLAYSTATION®3 console, or another phone with DLNA functionality.

- ! **Wi-Fi** must be turned on and the phone must be connected to a favorite network.

To set the phone as a DLNA server

- 1 Select **Menu** > **Settings** > **Connectivity** > **Content sharing**.
- 2 Select a favorite network from the list.
- 3 Select **On** > **Save**.

- 💡 A DLNA server exposes music, images and videos on the network. Other DLNA units play media from the media servers on the network.

To view photos saved in your phone on another DLNA device

- 1 Select **Menu** > **Media** > **Photo** > **Camera album**.
- 2 Select a month.
- 3 Scroll to a photo and select **Options** > **View on**.
- 4 Select a DLNA device from the list.

To play music stored in your phone on another DLNA device

- 1 Select **Menu > Media > Music**.
- 2 Browse by category using the navigation key.
- 3 Scroll to and select a title.
- 4 Select **Options > Play on**.
- 5 Select a DLNA device from the list.

To play music stored on another DLNA device in your phone

- 1 Select **Menu > Media > Music > Media servers**.
- 2 Select a Media server from the list.
- 3 Browse by category using the navigation key.
- 4 Scroll to a title and select **Play**.

GPS

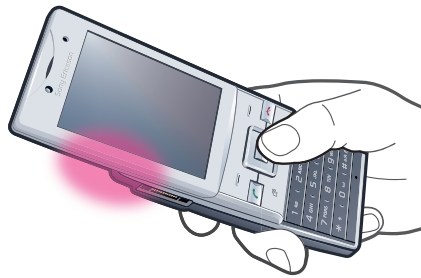
Your phone has a GPS receiver that uses satellite signals to calculate your location. Some GPS features use the Internet. Data rates and charges may apply.

- ! If you cannot use some GPS features, see *I cannot use Internet-based services* on page 72.

Using GPS

Your location can be found when you have a clear view of the sky. If your location is not found after a few minutes, move to another location. To help the search, stand still and do not cover the GPS antenna.

- ! The first time you use the GPS it may take up to 10 minutes before your location is found.



Assisted start

Assisted start helps calculate your location more quickly. If not turned off, **Assisted start** will automatically be used to find your location when Assisted GPS (A-GPS) technology is available.

To set when to use Assisted start

- 1 Select **Menu > Location services > Settings > Assisted start**.
- 2 Select an option.

Saving locations

You can find all saved locations in **My favorites**.

To save your current location

- 1 Select **Menu > Location services > My favorites > Add new place**.
- 2 Select **Edit** and enter the title. Select **OK**.
- 3 Scroll to **Description:** and select **Add**.
- 4 Enter the description and select **OK**.
- 5 Scroll to **Position:** and select **Add > Current position**.
- 6 When the position is found, select **Save**.

To view a saved location on a map

- 1 Select **Menu > Location services > My favorites**.
- 2 Scroll to a location and select **Go to**.

Location requests

External services may ask for your location. You can allow external services to use information about your location, as well as restrict them from doing so.

To change access for external services

- 1 Select **Menu > Location services > Settings > Privacy**.
- 2 Select an option.

Turning off GPS

The GPS receiver turns off automatically when it is not in use. You can also turn the GPS receiver off manually. This saves battery power when you use features that do not require the GPS receiver to find your location.

To turn on or off GPS manually

- 1 Select **Menu** > **Location services** > **Settings**.
- 2 Select **Enable GPS** or **Disable GPS**.

Google Maps™ for mobile

The Google Maps™ application lets you view your current location, find other locations, and calculate routes.

When you start the Google Maps™ application, your approximate location is shown using information from nearby mobile towers. Your location is updated with a more precise position when the GPS receiver finds your location.

To use the Google Maps™ application

- Select **Menu** > **Location services** > **Google Maps**.

To access favorites from the Google Maps™ application

- After opening Google Maps™, press (⌘+).

To learn more about the Google Maps™ application

- When you use the Google Maps™ application, select **Options** > **Help**.

Tracker

Tracker is a GPS-based sports application which allows you to keep track of your speed, distance, route and energy consumption during training. You can base the training on how long time you want to train or on what distance you want to cover. You can also base it on a previous training route which has GPS data.

- ! Information provided by use of the Tracker application is approximate. Sony Ericsson makes no warranty of any kind with respect to the accuracy of the Tracker application. Any serious health and fitness concerns should be referred to a health care professional.

To start a training session

- 1 Select **Menu** > **Location services** > **Tracker** > **Start training**.
- 2 Select a training type.
- 3 Scroll to an item, select **Edit** and enter the data.
- 4 To save, select **Done**.
- 5 To start training, select **Start**.

To switch between training views

- During a training session, press the navigation key left or right to view information on training duration, progress and live comparison with a previous session.

To compare results during training

- 1 Select **Menu** > **Location services** > **Tracker** > **Start training**.
- 2 Select **Route based**.
- 3 Scroll to **Route:**, select **Edit** and select a route.
- 4 Scroll to **Live compare** and select **Edit**.
- 5 Scroll to the result you want to compare and select **Compare**.
- 6 Select **Done** and then **Start**.

- ! A GPS location is required before results can be compared.

To end a training session manually

- During a training session, select **Pause** > **End**.

Results

The training result is shown after a session is ended. You can view past results anytime, and compare them if they have GPS data.

To view a training result

- 1 Select **Menu** > **Location services** > **Tracker** > **Results**.
- 2 Scroll to a month and select **View**.
- 3 Scroll to a date and select **View**.
- 4 Select a training result. If you have used laps, press the navigation key left or right to view result per lap.

To compare results

- 1 Select **Menu** > **Location services** > **Tracker** > **Results**.
- 2 Scroll to a result and select **Options** > **Compare**.
- 3 Select a result to compare with.

! A GPS location is required before results can be compared.

Energy consumption

To calculate and view the energy consumption for a session you must first set your personal profile in **Settings** in Tracker. You view the energy consumption in the result view.

To set the personal profile

- 1 Select **Menu** > **Location services** > **Tracker** > **Settings** > **Personal profile**.
- 2 Select an item, enter data and select **OK**.
- 3 When finished, select **Options** > **Save profile**.

To turn on energy consumption

- Select **Menu** > **Location services** > **Tracker** > **Settings** > **Energy consumption** > **On**.

Synchronizing

You can synchronize your phone in two different ways: using a computer program, or using an Internet service.

- 💡 Use only one of the synchronization methods at a time with your phone.

For more information, go to www.sonyericsson.com/support to read the *Synchronization* Feature guide.

Synchronization options in Sony Ericsson PC Suite

To set synchronization options in Sony Ericsson PC Suite

- 1 **Computer:** Start Sony Ericsson PC Suite.
- 2 Connect your phone to the computer.
- 3 In the *Synchronization* window of Sony Ericsson PC Suite, click *Settings* and choose your options.

To solve installation problems

- 1 Check that the cable is connected properly to the phone and to the computer.
- 2 Make sure that the phone is turned on.
- 3 Restart the computer without disconnecting the cable or turning off the phone.
- 4 Try to synchronize again.
- 5 If the problem persists, reinstall Sony Ericsson PC Suite.

COM port speed

If you experience problems synchronizing with a USB cable, check the COM port speed is correctly set.

To set the COM port speed

- 1 **Computer:** Click *Start/Settings/Control Panel/System/Hardware/Device Manager/Ports (COM & LPT)* and double-click *Sony Ericsson Device (number) USB WMC Device Management*.
- 2 Select the *Port settings* and set the speed to no higher than 115 200 bps.
- 3 Try to connect again.

Contacts, calendar items, tasks, notes, and bookmarks

In the *Settings* window of Sony Ericsson PC Suite, you can choose synchronization settings for your contacts, calendar items, tasks, notes, and bookmarks. For contacts, calendar items, tasks, and notes, you can use the drop-down list to select your Personal Information Manager (PIM). The drop-down list includes all applications that have been detected on your computer. In the *Properties* window, you can set which folders you want to synchronize with.

Bookmarks

When installing Sony Ericsson PC Suite, a subfolder for My Sony Ericsson bookmarks is created in the Internet Explorer bookmarks folder. This becomes the default folder for synchronization.

If Internet Explorer is not installed or is not the default web browser, the default folder for the bookmarks is *My Documents/Sony Ericsson PC Suite/Bookmarks*.

Rules

In the *Rules* window, you can set rules for what happens when conflicts are found between your phone and computer during synchronization.

Schedule

You can activate the *Automatic synchronization* feature in the *Schedule* window. This lets you set how often the phone will synchronize with the computer.

Synchronizing using SyncML™

Before synchronizing

To be able to synchronize your phone with an Internet server, you need to create an account on your phone. Contact your operator to get the necessary information.

The settings that are required for SyncML synchronization and for registering a synchronization account online with a service provider are:

- Server address – server URL
- Database name – database to synchronize with

To enter settings for SyncML™

- 1 **Phone:** Select **Menu > Organizer > Synchronization**.
- 2 Scroll to **New account** and select **Add > SyncML**.
- 3 Enter a name for the new account and select **Continue**.
- 4 Scroll to **Server address**. Enter the required information and select **OK**.
- 5 Enter **Username** and **Password**, if required.
- 6 Scroll to the **Applications** tab and mark which applications you would like to synchronize.
- 7 Scroll to the **Application settings** tab and select an application.
- 8 Select **Database name** and enter the required information.
- 9 To save settings, select **OK**.
- 10 Enter **Username** and **Password**, if required.
- 11 Select **Back**.
- 12 To enter additional settings, scroll to the **Advanced** tab.
- 13 Select **Save**.

To delete an account

- 1 **Phone:** Select **Menu > Organizer > Synchronization**.
- 2 Scroll to the account and select **Options > Delete**.

Starting the synchronization

- 1 **Phone:** Select **Menu > Organizer > Synchronization**.
- 2 Scroll to an account and select **Start**.

Synchronizing using a Microsoft® Exchange Server

You can access and synchronize corporate exchange information such as email, contacts, and calendar entries on your phone using a *Microsoft® Exchange Server*.

For more information on synchronization settings, contact your IT administrator.

Before you start to synchronize

The settings required for Microsoft® Exchange ActiveSync® to access a Microsoft® Exchange Server are:

- Server address – server URL
- Domain – server domain
- Username – account username
- Password – account password

To enter settings for Microsoft® Exchange ActiveSync

- 1 Select **Menu > Organizer > Synchronization**.
- 2 Scroll to **New account** and select **Add > Exchange ActiveSync**.
- 3 Enter a name for the new account and select **Continue**.
- 4 Enter the required settings.
- 5 Scroll between the tabs to enter additional settings.
- 6 Select **Save**.


Starting the synchronization

- 1 **Phone:** Select **Menu > Organizer > Synchronization**.
- 2 Scroll to an account and select **Start**.

Synchronizing using a computer


You can use a USB cable or Bluetooth wireless technology to synchronize phone contacts, appointments, bookmarks, tasks, and notes using an online service or a computer program such as the Microsoft® Outlook® application.

Before synchronizing, you need to install the Sony Ericsson PC Suite. Sony Ericsson PC Suite software is available for download through PC Companion or from www.sonyericsson.com/support.

 Mac® compatible software is also available for download at www.sonyericsson.com/support.

To synchronise using the Sony Ericsson PC Suite

- 1 **Computer:** Start Sony Ericsson PC Suite from *Start/Programs/Sony Ericsson/Sony Ericsson PC Suite*.
- 2 Follow the instructions in the Sony Ericsson PC Suite for how to connect.
- 3 When you are notified that the Sony Ericsson PC Suite has found your phone, you can start synchronising.

 For usage details, see the Sony Ericsson PC Suite Help section once the software has been installed on your computer.

Synchronizing using an Internet service

You can synchronize your phone data through an Internet service using SyncML™, or you can use a Microsoft® Windows® Server in combination with the Microsoft® Exchange ActiveSync® application. For more information, go to www.sonyericsson.com/support to read the *Synchronization* Feature guide.

More features

Flight mode

In **Flight mode** the network and radio transceivers are turned off to prevent disturbance to sensitive equipment.


When the flight mode menu is activated you are asked to select a mode the next time you turn on your phone:

- **Normal mode** – full functionality
- **Flight mode** – limited functionality

To activate the flight mode menu

- Select **Menu** > **Settings** > **General** > **Flight mode** > **Continue** > **Show at startup**.

To select flight mode

- 1 When the flight mode menu is activated, turn off your phone.
- 2 Turn on your phone and select **Flight mode**.  appears.

Alarms

You can set a sound or the radio as an alarm signal. The alarm sounds even if the phone is turned off. When the alarm sounds, you can silence it or turn it off.


To set the alarm

- 1 Select **Menu** > **Organizer** > **Alarms**.
- 2 Scroll to an alarm and select **Edit**.
- 3 Scroll to **Time:** and select **Edit**.
- 4 Enter a time and select **OK** > **Save**.

To set the recurring alarm

- 1 Select **Menu** > **Organizer** > **Alarms**.
- 2 Scroll to an alarm and select **Edit**.
- 3 Scroll to **Recurring:** and select **Edit**.
- 4 Scroll to a day and select **Mark**.
- 5 To select another day, scroll to the day and select **Mark**.
- 6 Select **Done** > **Save**.

To set the alarm signal

- 1 Select **Menu** > **Organizer** > **Alarms**.
- 2 Scroll to an alarm and select **Edit**.
- 3 Scroll to the  tab.
- 4 Scroll to **Alarm signal:** and select **Edit**.
- 5 Find and select an alarm signal. Select **Save**.

To silence the alarm

- When the alarm sounds, press any key.
- To repeat the alarm, select **Snooze**.

To turn off the alarm

- When the alarm sounds, press any key, then select **Turn off**.

To cancel the alarm

- 1 Select **Menu** > **Organizer** > **Alarms**.
- 2 Scroll to an alarm and select **Turn off**.

To set the snooze duration

- 1 Select **Menu > Organizer > Alarms**.
- 2 Scroll to an alarm and select **Edit**.
- 3 Scroll to **Snooze duration:** and select **Edit**.
- 4 Select an option.

The alarm in silent mode

You can set the alarm not to sound when the phone is in silent mode.

To set an alarm to sound or not in silent mode

- 1 Select **Menu > Organizer > Alarms**.
- 2 Scroll to an alarm and select **Edit**.
- 3 Scroll to the 🎵 tab.
- 4 Scroll to **Silent mode:** and select **Edit**.
- 5 Select an option.

Calendar

You can synchronize your phone calendar with a computer calendar, with a calendar on the web or with the Microsoft® Outlook® application.

Appointments

You can add new appointments or reuse existing appointments.

To add an appointment

- 1 Select **Menu > Calendar**.
- 2 Select a date.
- 3 Scroll to **New entry** and select **Add**.
- 4 Enter the information and confirm each entry.
- 5 Select **Save**.

To view an appointment

- 1 Select **Menu > Calendar**.
- 2 Select a date.
- 3 Scroll to an appointment and select **View**.

To edit an appointment

- 1 Select **Menu > Calendar**.
- 2 Select a date.
- 3 Scroll to an appointment and select **View**.
- 4 Select **Options > Edit**.
- 5 Edit the appointment and confirm each entry.
- 6 Select **Save**.

To set when reminders should sound

- 1 Select **Menu > Calendar**.
- 2 Select a date.
- 3 Select **Options > Advanced > Reminders**.
- 4 Select an option.

! A reminders option set in the **Calendar** application affects a reminders option set in **Tasks**.

Notes

You can make notes and save them. You can also show a note in the standby view.


To add a note

- 1 Select **Menu > Organizer > Notes**.
- 2 Scroll to **New note** and select **Add**.
- 3 Write a note and select **Save**.

To show a note in standby

- 1 Select **Menu > Organizer > Notes**.
- 2 Scroll to a note and select **Options > Show in standby**.

To hide a note shown in standby

- 1 Select **Menu > Organizer > Notes**.
- 2 Scroll to the note shown in standby. This is marked with the icon . Select **Options > Hide in standby**.

Tasks

You can add new tasks or reuse existing tasks.

To add a task

- 1 Select **Menu > Organizer > Tasks**.
- 2 Select **New task** and select **Add**.
- 3 Select an option.
- 4 Enter details and confirm each entry.

To set when reminders should sound

- 1 Select **Menu > Organizer > Tasks**.
- 2 Scroll to a task and select **Options > Reminders**.
- 3 Select an option.

! A reminders option set in Tasks affects a reminders option set in Calendar.

Profiles

You can change settings such as the ring volume and vibrating alert to suit different locations. You can reset all profiles to the phone's original settings.

To select a profile

- 1 Select **Menu > Settings > General > Profiles**.
- 2 Select a profile.

To view and edit a profile

- 1 Select **Menu > Settings > General > Profiles**.
- 2 Scroll to a profile and select **Options > View and edit**.

! You cannot rename the **Normal** profile.

Time and date

To set the time

- 1 Select **Menu > Settings > General > Time & date > Time**.
- 2 Enter the time and select **Save**.

To set the date

- 1 Select **Menu > Settings > General > Time & date > Date**.
- 2 Enter the date and select **Save**.

To set the time zone

- 1 Select **Menu** > **Settings** > **General** > **Time & date** > **My time zone**.
 - 2 Select the time zone you are in.
- ! If you select a city, **My time zone** also updates the time when daylight saving time changes.

To change the clock size displayed on the standby screen

- 1 Select **Menu** > **Settings** > **Display** > **Clock size**.
 - 2 Select an option.
- ! This application may not be available in all markets.

Themes

You can change the appearance of the screen using options such as different colors and wallpaper. You can also create new themes and download them. For more information, go to www.sonyericsson.com/fun.

To set a theme

- 1 Select **Menu** > **Settings** > **Display** > **Theme**.
- 2 Scroll to a theme and select **Set**.

Main menu layout

You can change the layout of the icons in the main menu.

To change the main menu layout

- 1 Select **Menu** > **Options** > **Main menu layout**.
- 2 Select an option.

Screen orientation

You can change between landscape and portrait orientation.

To change screen orientation in the browser

- 1 Select **Menu** > **Internet**.
- 2 Select  and then select .
- 3 Select **Settings** > the **Browsing** tab > **Display orientation**.
- 4 Select an option.

To change screen orientation in Media

- 1 Select **Menu** > **Media** > **Settings** > **Orientation**.
- 2 Select an option.

Ringtones



To set a ringtone

- 1 Select **Menu** > **Settings** > **Sounds & alerts** > **Ringtone**.
- 2 Find and select a ringtone.

To set the ringtone volume

- 1 Select **Menu** > **Settings** > **Sounds & alerts** > **Ring volume**.
- 2 Press the navigation key left or right to adjust the volume.
- 3 Select **Save**.

To turn off the ringtone

- Press and hold down .  appears.
- ! The alarm signal is not affected.

To set the vibrating alert

- 1 Select **Menu** > **Settings** > **Sounds & alerts** > **Vibrating alert**.
- 2 Select an option.

Games

Your phone contains preloaded games. You can also download games. For more information, go to www.sonyericsson.com/fun. Help texts are available for most games.

To start a game

- 1 Select **Menu** > **Media** > **Games**.
- 2 Select a game.

To end a game

- Press .

Applications

You can download and run Java™ applications. You can also view information or set different permissions. If you cannot use Java applications, see *I cannot use Internet-based services* on page 72.

To select a Java application

- 1 Select **Menu** > **Organizer** > **Applications**.
- 2 Select an application.

To set permissions for a Java application

- 1 Select **Menu** > **Organizer** > **Applications**.
- 2 Scroll to an application and select **Options** > **Permissions**.
- 3 Set permissions.

Java application screen size

Some Java applications are designed for a specific screen size. For more information, contact the application vendor.

- ! This application may not be available in all markets.

To set the screen size for a Java application

- 1 Select **Menu** > **Organizer** > **Applications**.
- 2 Scroll to an application and select **Options** > **Screen size**.
- 3 Select an option.

To set a Java™ application as a wallpaper

- 1 Select **Menu** > **Settings** > **Display**.
 - 2 Select **Wallpaper** > **Application**.
 - 3 Select a Java application.
- ! You can only see the Java applications that have support for wallpaper.

Antivirus

Antivirus identifies and removes applications you install on your phone that become infected by viruses. It automatically scans applications during installation. When an infected application is detected, you can delete or release the infected application. You can select

a 30-day free evaluation or enter a subscription number. We recommend that you update the antivirus application with the latest virus protection frequently. You need the correct Internet settings in your phone to use this function.

- ! Our inclusion or your use of antivirus software does not ensure that your use of this product will be free from exposure to viruses, malware or other harmful software.

To turn on Antivirus scanning

- 1 Select **Menu > Settings > General > Security > Antivirus**.
- 2 Follow the instructions to use the setup wizard.

To turn off Antivirus scanning

- 1 Select **Menu > Settings > General > Security > Antivirus > Virus scan**.
- 2 Select **Off**.

PIN codes

SIM protection

This lock only protects your subscription. Your phone will work with a new SIM card. If the lock is on, you have to enter a PIN (Personal Identity Number).

If you enter your PIN incorrectly three times in a row, the SIM card is blocked and you need to enter your PUK (Personal Unblocking Key). Your PIN and PUK are supplied by your network operator.

To unblock the SIM card

- 1 When **PIN blocked** appears, enter your PUK and select **OK**.
- 2 Enter a new four-to-eight-digit PIN and select **OK**.
- 3 Re-enter the new PIN and select **OK**.

To edit the PIN

- 1 Select **Menu > Settings > General > PIN codes > SIM protection > Change PIN**.
- 2 Enter your PIN and select **OK**.
- 3 Enter a new four-to-eight-digit PIN and select **OK**.
- 4 Re-enter the new PIN and select **OK**.

- ! If **Codes do not match** appears, you entered the new PIN incorrectly. If **Incorrect PIN** appears, you entered the old PIN incorrectly.

To use the SIM card lock

- 1 Select **Menu > Settings > General > PIN codes > SIM protection > Protection**.
- 2 Select an option.
- 3 Enter your PIN and select **OK**.

Phone protection

You can stop unauthorized use of your phone by activating phone lock protection. After activating, you will be asked to enter your phone lock code every time you restart the phone. The default phone lock code is 0000. It is recommended that you change this to any four-to-eight-digit personal code.

- ! It is important that you remember your new code. If you forget it, you need to take your phone to your local Sony Ericsson retailer.

To activate the phone lock

- 1 Select **Menu > Settings > General > PIN codes > Phone protection > Protection**.
- 2 Select **On** if you want to enter a lock code every time you start the phone, or select **Automatic** if you want the code to be entered only when the phone restarts after a new SIM card is inserted.
- 3 Enter the phone lock code (0000 by default) and select **OK**.


To unlock the phone

- When **Phone locked** appears, enter your phone lock code and select **OK**.

To change the phone lock code

- 1 Select **Menu > Settings > General > PIN codes > Phone protection > Change code**.
- 2 Enter the old code and select **OK**.
- 3 Enter the new code and select **OK**.
- 4 Repeat the code and select **OK**.

Keypad lock

You can set the keypad lock to avoid accidental dialing.  appears. Incoming calls can be answered without unlocking the keypad.

- ! Calls to the international emergency number 112 can still be made.

To use the automatic keylock

- 1 Select **Menu > Settings > General > Automatic keylock**.
- 2 Select an option.

To unlock the keypad manually

- Press any key and select **Unlock > OK**.

IMEI number

Keep a copy of your IMEI (International Mobile Equipment Identity) number in case your phone is stolen.

To view your IMEI number

- Press , , , , .

Troubleshooting

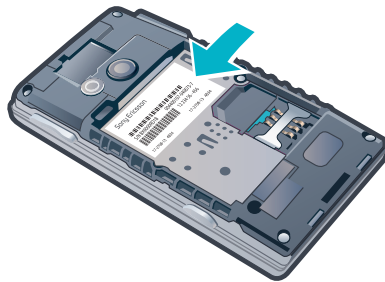
Some problems can be fixed using Update Service. Using Update Service on a regular basis will optimize the phone's performance. See *Updating your phone* on page 44.

Some problems will require you to call your network operator.

For more support go to www.sonyericsson.com/support.

Common questions

Where can I find the regulatory information such as my IMEI number if I cannot turn on my phone?



I have problems with memory capacity or the phone is working slowly

Restart your phone every day to free memory or do a **Master reset**.

Master reset

If you select **Reset settings**, the changes that you have made to settings will be deleted.

If you select **Reset all**, your settings and content, such as contacts, messages, pictures, sounds and downloaded games, will be deleted. You may also lose content that was in the phone at purchase.

To reset the phone

- 1 Select **Menu > Settings > General > Master reset**.
- 2 Select an option.
- 3 Follow the instructions that appear.

I cannot charge the phone or battery capacity is low

The charger is not properly connected or the battery connection is poor. Remove the battery and clean the connectors.

The battery is worn out and needs to be replaced. See *Charging the battery* on page 8.

No battery icon appears when I start charging the phone

It may take a few minutes before the battery icon appears on the screen.

Some menu options appear in gray

A service is not activated. Contact your network operator.

I cannot use Internet-based services

Your subscription does not include data capability. Settings are missing or incorrect.

You can download settings using the **Settings download** or from www.sonyericsson.com/support.

To download settings

- 1 Select **Menu > Settings > User help > Settings download**.
- 2 Follow the instructions that appear.

💡 This feature might not be available in all markets. Contact your network operator or service provider for more information.

I can't send messages from my phone

To send messages, you need to set a service center number. The number is supplied by your service provider and is usually saved on the SIM card. If the number of your service center is not saved on your SIM card, you must enter the number yourself.

To send most picture messages, you must set an MMS (Multimedia Messaging Service) profile and the address of your message server. If no MMS profile or message server exists, you can receive all the settings automatically from your service provider, using the Settings download, or go to www.sonyericsson.com/support.

To enter a service center number

- 1 Select **Menu > Settings > Connectivity > Message settings > Text message** and scroll to **Service center**. The number is shown if it is saved on the SIM card.
- 2 If there is no number shown, select **Edit**.
- 3 Scroll to **New Service Center** and select **Add**.
- 4 Enter the number, including the international “+” sign and country code.
- 5 Select **Save**.

To select an MMS profile

- 1 Select **Menu > Settings > Connectivity > Message settings > Multim. message**.
- 2 Select an existing profile or create a new one.

To set the message server address

- 1 Select **Menu > Settings > Connectivity > Message settings > Multim. message**.
- 2 Scroll to a profile and select **Options > Edit**.
- 3 Scroll to **Message server** and select **Edit**.
- 4 Enter the address and select **OK > Save**.

The phone does not ring or rings too softly

Make sure that **Silent mode** has not been set to **On**. See *To turn off the ringtone* on page 69.

Check the ringtone volume. See *To set the ringtone volume* on page 68.

Check the profile. See *To select a profile* on page 67.

Check the forward call options. See *To forward calls* on page 22.

The phone cannot be detected by other devices using Bluetooth wireless technology

You have not turned the Bluetooth function on. Make sure that the visibility is set to **Show phone**. See *To turn on the Bluetooth™ function* on page 40.

I cannot synchronize or transfer content between my phone and the computer, when using a USB cable.

The software or the USB drivers have not been properly installed. Go to www.sonyericsson.com/support to read Feature guides which contain detailed installation instructions and troubleshooting sections.

Error messages

Insert SIM

There is no SIM card in your phone or you may have inserted it incorrectly.

See *To insert the SIM card* on page 6.

The SIM card connectors need cleaning. If the card is damaged, contact your network operator.

Insert correct SIM card

Your phone is set to work only with certain SIM cards. Check if you are using the correct operator SIM card.

Incorrect PIN/Incorrect PIN2

You have entered your PIN or PIN2 incorrectly.

Enter the correct PIN or PIN2 and select **OK**.

PIN blocked/PIN2 blocked

You have entered your PIN or PIN2 code incorrectly three times in a row.

To unblock, see *SIM protection* on page 70.

Codes do not match

Codes that you have entered do not match. When you want to change a security code, for example your PIN, you have to confirm the new code. See *SIM protection* on page 70.

No netw. coverage

- Your phone is in flight mode. See *Flight mode* on page 65.
- Your phone is not receiving any network signal, or the received signal is too weak. Contact your network operator and make sure that the network has coverage where you are.
- The SIM card is not working properly. Insert your SIM card in another phone. If this works, it is probably your phone that is causing the problem. Please contact the nearest Sony Ericsson service location.

Emergency calls only

You are within range of a network, but you are not allowed to use it. However, in an emergency, some network operators allow you to call the international emergency number 112. See *Emergency calls* on page 17.

PUK blocked. Contact service provider.

You have entered your personal unblocking key code (PUK) incorrectly 10 times in a row.

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Sony Ericsson J20i

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Includes "protobuf-c", <http://code.google.com/p/protobuf-c/>.

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