

Nokia 6555

User Guide



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Nokia 6555 User Guide



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The availability of particular products and applications and services for these products may vary by region. Please check with the Nokia dealer for details, and availability of language options.

Export controls

This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.

FCC NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

Contents

For your safety.....	5
General information.....	8
1. Get started	10
2. Your phone.....	17
3. Call functions.....	23
4. Navigate the menus	25
5. Push to Talk	26
6. Write text	30
7. Messaging	32
8. Recent Calls.....	46
9. MEdia Net	47
10. AT&T Mall.....	53
11. AT&T Music.....	54
12. My Stuff.....	55
13. Address Book.....	64
14. Settings.....	67
15. PC connectivity.....	77
16. Battery and charger information.....	78
Care and maintenance	80
Additional safety information.....	81
Index.....	85

For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.



SWITCH ON SAFELY

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



ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



INTERFERENCE

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



SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.



SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point. Do not use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.



USE SENSIBLY

Use only in the positions as explained in the product documentation. Do not touch the antenna unnecessarily.



QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



ENHANCEMENTS AND BATTERIES

Use only approved enhancements and batteries. Do not connect incompatible products.

For your safety



WATER-RESISTANCE

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



BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.



CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.



EMERGENCY CALLS

Ensure the phone function of the device is switched on and in service. Press the end key as many times as needed to clear the display and return to the standby mode. Enter the emergency number, then press the call key. Give your location. Do not end the call until given permission to do so.

About your device

The wireless device described in this guide is approved for use on the WCDMA 850 and 1900, EGSM 850 and 900, and GSM 1800 and 1900 networks. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights.

Copyright protections may prevent some images, music (including ringing tones), and other content from being copied, modified, transferred, or forwarded.



Warning: To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

Network services

To use the phone you must have service from a wireless service provider. Many of the features require special network features. These features are not available on all networks; other networks may require that you make specific arrangements with your service provider before you can use the network services. Your service provider can give you instructions and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, these features will not appear on your device menu. Your device may also have a special configuration such as changes in menu names, menu order, and icons. Contact your service provider for more information.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as multimedia messaging (MMS), browsing, e-mail application, instant messaging, presence enhanced contacts, remote synchronization, and content downloading using the browser or MMS, require network support for these technologies.

■ Shared memory

The following features in this device may share memory: Tones and Graphics, Contacts, Text Messages, Multimedia, and Instant Messages, E-mail, Calendar, To-Do Notes, Java™ Games and Applications, and the Note application. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. For example, saving many Java applications may use all of the available memory. Your device may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as text messages, may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.

■ Enhancements

A few practical rules about accessories and enhancements

- Keep all accessories and enhancements out of the reach of small children.
- When you disconnect the power cord of any accessory or enhancement, grasp and pull the plug, not the cord.
- Check regularly that enhancements installed in a vehicle are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.

General information

■ Access codes

Security code

The security code (5 to 10 digits) helps to protect your phone against unauthorized use. For more information on security codes, see "Security," p. 76.

PIN codes

The personal identification number (PIN) code and the universal personal identification number (UPIN) code (4 to 8 digits) help to protect your SmartChip card against unauthorized use. See "Security," p. 76.

The PIN2 code (4 to 8 digits) may be supplied with the SmartChip card and is required for some functions.

The module PIN is required to access the information in the security module. See "Security module," p. 51.

The signing PIN is required for the digital signature. See "Digital signature," p. 52.

PUK codes

The personal unblocking key (PUK) code and the universal personal unblocking key (UPUK) code (8 digits) is required to change a blocked PIN code and UPIN code, respectively. The PUK2 code (8 digits) is required to change a blocked PIN2 code. If the codes are not supplied with the SmartChip card, contact your local service provider for the codes.

Restriction password

The restriction password (4 digits) is required when using the [Call restriction service](#). See "Security," p. 76.

■ Configuration settings service

To use some of the network services, such as mobile internet services, MMS, Nokia Xpress audio messaging, or remote internet server synchronization, your phone needs the correct configuration settings. For more information on availability, contact your network operator, service provider, nearest authorized Nokia dealer, or visit the support area on the Nokia website, www.nokia.com/support.

When you have received the settings as a configuration message, and the settings are not automatically saved and activated, *Configuration settings received* is displayed.

To save the settings, select **Show** > **Save**. If required, enter the PIN code supplied by the service provider.

To discard the received settings, select **Exit** or **Show** > **Discard**.

■ Download content

You may be able to download new content (for example, themes) to the phone (network service).

For the availability of different services and pricing, contact your service provider.



Important: Use only services that you trust and that offer adequate security and protection against harmful software.

■ Assisted Global Positioning System

Your phone may have Assisted Global Positioning System (A-GPS), a positioning system that uses an assistance server and reference network to make measurements and determine location. A-GPS is dependent on your network service. Contact your provider for additional information.

A-GPS may also utilize cellular radio networks for aiding in positioning in some circumstances where standalone GPS positioning is unavailable. This feature requires network support and coverage.

A-GPS should not be used for precise location measurement, and you should never rely solely on location data from the A-GPS module.

■ Nokia support

Check www.nokia.com/support or your local Nokia website for the latest version of this guide, additional information, downloads, and services related to your Nokia product.

On the website, you can get information on the use of Nokia products and services. If you need to contact customer service, check the list of local Nokia Care contact centers at www.nokia.com/customerservice.

For maintenance services, check your nearest Nokia service center at www.nokia.com/repair.

1. Get started

■ Install SmartChip card and battery

Always switch the device off and disconnect the charger before removing the battery.

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

For availability and information on using SmartChip card services, contact your SmartChip card vendor. This may be the service provider, network operator, or other vendor.

This device is intended for use with BL-5C battery. Always use original Nokia batteries. See "Nokia battery authentication," p. 79.

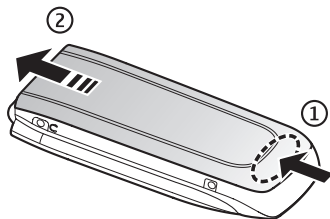
Always switch off the power and disconnect the charger and any other device before removing the covers. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.



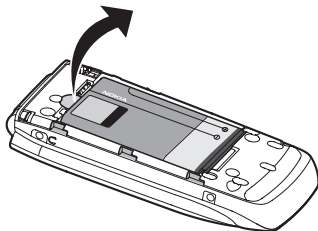
Warning: Use only batteries, chargers, and enhancements approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

The SmartChip card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

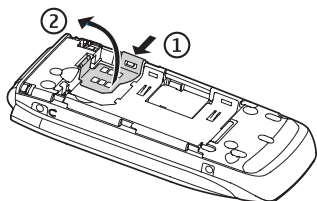
To remove the back cover of the phone, press (1) and slide the cover as shown (2).



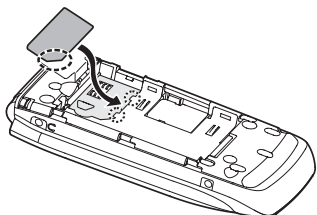
Remove the battery as shown.



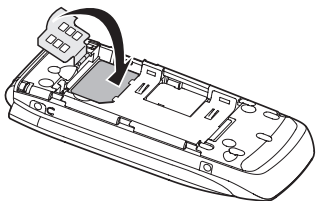
Open the SmartChip card holder (1) and lift the holder up (2).



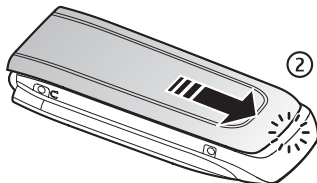
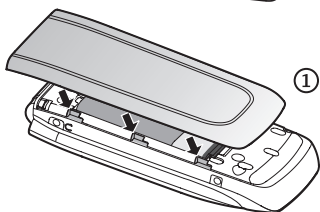
Insert the SmartChip card properly into the holder.



Close the SmartChip card holder.



Replace the battery. To replace the back cover, align the tabs on the cover to the slots on the back of the phone (1). Push the cover into place as shown (2).



■ Insert a microSD card

Keep all microSD memory cards out of the reach of small children.

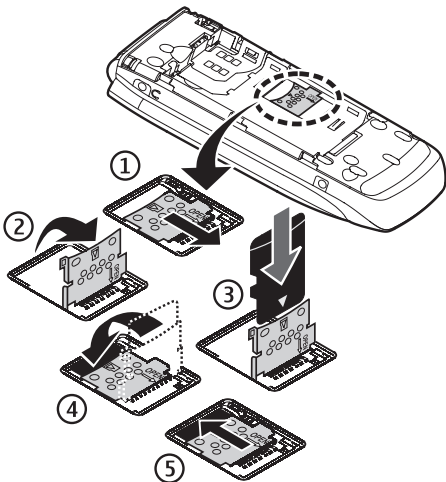
A microSD card can be loaded with ringing tones, themes, tones, images and videos. If you delete, reload, or replace this card, these functions and features may not function properly.



Use only compatible microSD cards with this device. Other memory cards, such as reduced size MultiMedia cards, do not fit in the microSD card slot and are not compatible with this device. Using an incompatible memory card may damage the memory card as well as the device, and data stored on the incompatible card may be corrupted.

Use only microSD cards approved by Nokia for use with this device. Nokia utilizes the approved industry standards for memory cards but not all other brands may function correctly or be fully compatible with this device.

1. Remove the back cover and the battery. Push the memory card holder forward (1) and swing card holder up (2),
2. Insert the card into the memory card holder with the gold-colored contact area facing down (3).
3. Close the card holder (3 and 4) and slide the card holder back in place (5). Replace the battery and back cover.



Memory card

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

You can use the microSD memory card to store your multimedia files such as video clips, music tracks, and sound files, images, and messaging data, and to back up information from phone memory.

Some of the folders in *Tones & Graphics* with content that the phone use, for example, Themes, may be stored on a memory card.

To insert and remove the microSD memory card see "Insert a microSD card," p. 12.

Format the memory card

When a memory card is formatted, all data on the card is permanently lost. Some memory cards are supplied preformatted and others require formatting. Consult your retailer to find out if you must format the memory card before you can use it.

To format a memory card, select **Menu > My Stuff > Tones & Graphics** or **Games & apps** the memory card folder , **Options > Format memory card > Yes**.

When formatting is complete, enter a name for the memory card. An unformatted memory card may have NO NAME listed instead of Memory card.

Lock the memory card

To set a password to lock your memory card to help prevent unauthorized use, select **Menu > My Stuff > Tones & Graphics** > the memory card folder  > **Options > Set password**. The password can be up to eight characters long.

The password is stored in your phone, and you do not have to enter it again while you are using the memory card on the same phone. If you want to use the memory card on another phone, you are asked for the password. To delete the password, select **Options > Delete password**.

Check memory consumption

To check the memory consumption of different data groups and the available memory for installing new applications or software on your memory card, select **Options > Details**.

■ Charge the battery

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from an AC-3U or AC-4U charger.



Warning: Use only batteries, chargers, and enhancements approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

For availability of approved enhancements, please check with your dealer. When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.

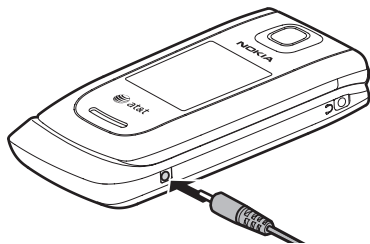
Get started

1. Connect the charger to a wall socket.
2. Connect the charger to your phone.

A CA-44 charging adapter can be used with older charger models.

If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

The charging time depends on the charger used. Charging a BL-5C battery with the AC-4U charger takes approximately 2 hours and 20 minutes while the phone is in the standby mode.



■ Open and close the phone

Open and close the phone manually. When you open the fold of the phone, it opens up to approximately 165 degrees. Do not try to force the fold open more.

Depending on the selected theme, a tone sounds when the fold is opened or closed.

■ Switch the phone on and off



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

To switch the phone on or off, press and hold the power key. See "Keys and parts," p. 17.

If the phone asks for a PIN or a UPIN code, enter the code (displayed as ****), and select **OK**.

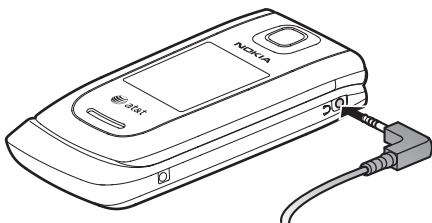
Set the time, time zone, and date

Enter the local time, select the time zone of your location in terms of the time difference with respect to Greenwich Mean Time (GMT), and enter the date.

See "Set time and date," p. 68.

■ Connect a headset

You can connect a universal 2.5 mm headset to your device. Connect the headset to the device as shown.

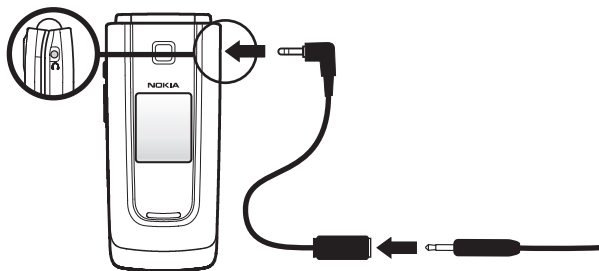


Connect stereo headphones

You can use 3.5 mm stereo headphones with your phone to listen to music. Connect the AD-61 headset adaptor to your headphones first. Then connect the AD-61 adaptor to your phone.

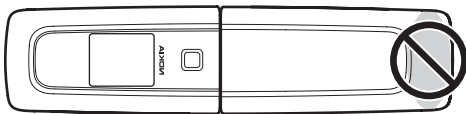


Warning: When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.



■ Antenna

Your device has an internal antenna located at the bottom of the phone.



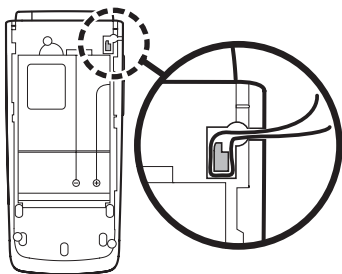


Note: As with any other radio transmitting device, do not touch the antenna unnecessarily when the device is switched on. Contact with the antenna affects call quality and may cause the device to operate at a higher power level than otherwise needed. Avoiding contact with the antenna area when operating the device optimizes the antenna performance and the battery life.



■ Phone strap

Remove the back cover of the phone. Insert a thread through the eyelet. Place the thread around the post of the phone as shown in the picture. Tighten the thread. Put the back cover back in place.



■ Digital rights management

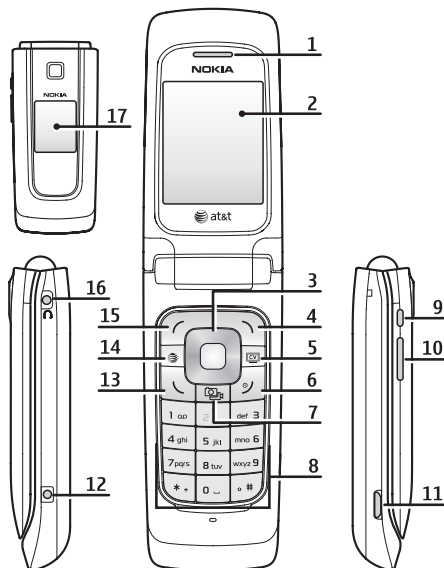
Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you may be able to access content protected with WMDRM 10. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access the new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated activation key that defines your rights to use the content. If your device has WMDRM protected content, both the activation keys and the content will be lost if the device memory is formatted. You may also lose the activation keys and the content in case the files on your device get corrupted. Losing the activation keys or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

2. Your phone

■ Keys and parts

- 1 Earpiece
- 2 Main display
- 3 Navi™ key
- 4 Right selection key
- 5 Cellular Video key
- 6 End and power key
- 7 Keypad
- 8 PTT key
- 9 Volume and camera/ video key
- 10 Micro USB connector
- 11 Charger connector
- 12 Call key
- 13 MEdia Net key
- 14 Left selection key
- 15 Universal headset connector
- 16 Mini display



■ Side key functions

The Push to Talk (PTT) key (8) and the Volume and camera/video key (9) have multiple functions:

- The PTT key is used to activate PTT and to talk to PTT contacts or groups, with the fold closed or open.
When the camera is activated, the key functions to capture a photo.
- During calls, the Volume key (9) functions only to increase or decrease volume.

Your phone

- While not in a call, the camera/video key (9) functions are available to activate the camera or video with the fold open, or closed for a self-portrait. See "Self-portrait," p. 57 for more information on self-portraits. With the fold closed, press and hold the key at the top until the camera is activated.

Once the camera is activated, use the key to zoom in or out.

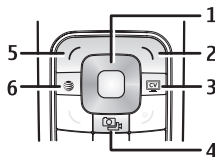
Press the PTT key (8) to capture a photo.

- With the fold closed, press and hold the camera/video key at the bottom to activate voice commands

■ Key functions

The Navi™ key and selections keys have the following functions:

1. Navi™ key – scroll up, down, left, right, and select with the center key
2. Right selection key – connect to *Music*
3. Cellular Video – connect to Cellular Video. For more information visit wireless.att.com/3g
4. Camera and video key – connect to the camera or video
5. Left selection key – **Options** connects to shortcuts.
6. MEdia Net key – connect to MEdia Net's wireless internet



■ Standby mode

When the phone is ready for use, and you have not entered any characters, the phone is in the standby mode.

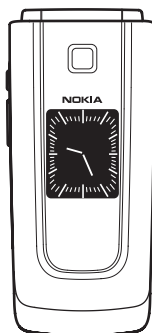
Mini display

- 1 Network mode indicator
- 2 Signal strength of the cellular network
- 3 Battery charge status
- 4 Indicators
- 5 Network name or the operator logo
- 6 Time and date

1	2	3	4
5			
6			

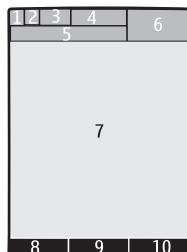
Analog clock

The Mini display settings include a screensaver to display an analog clock. To show the clock, select **Menu > Settings > Mini display > Screen saver > Analog clock**. The time-out default to display the clock after closing the fold is ten seconds. To display the clock sooner, select **Menu > Settings > Mini display > Screen saver > Time-out** and set the time to five seconds.



Main display

- 1 Network mode indicator
- 2 Signal strength of the cellular network
- 3 Battery charge status
- 4 Indicators
- 5 Network name or the operator logo
- 6 Clock
- 7 Main display
- 8 The left selection key
- 9 The middle selection key
- 10 The right selection key



Right selection key

Music is the right selection key on your device. This menu provides access to the music player, various music-related tools, music downloads, applications, and services. See "Music player," p. 58 for more information on using the music player.

Active standby

In the active standby mode there is a list of selected phone features and information on the screen that you can directly access in the standby mode. To switch on or off the mode, select **Menu** > **Settings** > **Main display** > **Active standby** > **Active standby mode** > **On** or **Off**.

In the active standby mode, scroll up or down to navigate the list. Left and right arrows at the beginning and end of a line indicate that further information is available by scrolling left or right. To end the active standby navigation mode, select **Exit**.

To organize and change the active standby mode, select **Menu** > **Settings** > **Main display** > **Active standby** > **Options** > **Change** or **Personalize view**.

Indicators



You have unread messages.



You have new voice mail.



You have unsent, canceled or failed messages.



The phone registered a missed call.



Your phone is connected to the instant messaging service, and the availability status is online or offline.



You received one or several instant messages.



The keypad is locked.



The phone does not ring for an incoming call or text message.



The alarm clock is activated.



The countdown timer is running.



The stopwatch is running.



The phone is registered to the GPRS or EGPRS network.



A GPRS or EGPRS connection is established.



The GPRS or EGPRS connection is suspended (on hold).



A Bluetooth connection is active.



Push-to-talk connection is active or suspended.

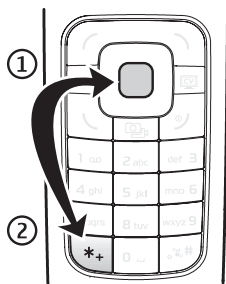
- 2 If you have two phone lines, the second phone line is selected.
- ↗ All incoming calls are forwarded to another number.
- 🔊 The loudspeaker is activated, or the music stand is connected to the phone.
- 📶 Calls are limited to a closed user group.
- 🕒 The timed profile is selected.
- 🎧, 📶, 📶, or 🔊 A headset, handsfree, loopset, or music stand enhancement is connected to the phone.

■ Keypad lock (keyguard)

Select **Menu** or **Unlock**, and press * within 1.5 seconds to lock or unlock the keypad.

To set the automatic keyguard on with a time delay, select **Menu** > **Settings** > **Phone settings** > **Automatic keyguard**.

To answer a call when the keyguard is on, press the call key or open the phone. When you end or reject the call, the keypad automatically locks.



Security keyguard

The security keyguard requires a 5 to 10 digit code to protect against unauthorized use. The preset code is 12345. To change the code and activate the security keyguard, select **Menu** > **Settings** > **Phone settings** > **Security keyguard**.

When the security keyguard is activated, enter the security code if requested.

For more information, see **Security keyguard**, in "Phone settings," p. 74.

When the automatic or security keyguard is on, calls still may be possible to the official emergency number programmed into your device.

■ Flight mode

You can deactivate all radio frequency functions and still have access to offline games, calendar, and phone numbers. Use the flight mode in radio sensitive environments—on board aircraft or in hospitals. When the flight mode is active,  is shown.

Select **Menu** > **Settings** > **Set profile** > **Flight** > **Activate** or **Customize**.

To deactivate the flight mode, select any other profile.

In the flight mode you can make an emergency call. Enter the emergency number, press the call key, and select **Yes** when asked **Exit flight profile?** The phone attempts to make an emergency call.

When the emergency call ends, the phone automatically changes to the normal profile mode.



Warning: With the flight mode profile, you cannot make or receive any calls, including emergency calls, or use other features that require network coverage. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code. If you need to make an emergency call while the device is locked and in the flight profile, you may be also able to enter an official emergency number programmed in your device in the lock code field and select **Call**. The device will confirm that you are about to exit flight profile to start an emergency call.

■ Functions without a SmartChip card

Several functions of your phone may be used without installing a SmartChip card (for example, the data transfer with a compatible PC or another compatible device). Without a SmartChip card, some functions appear dimmed in the menus and cannot be used.

For an emergency call, some networks may require that a valid SmartChip card is properly inserted in the device.

3. Call functions

■ Make a voice call

1. Enter the phone number, including the area code.

For international calls, press * twice for the international prefix (the + character replaces the international access code), enter the country code, the area code without the leading 0, if necessary, and the phone number.

2. To call the number, press the call key.

To increase the volume in a call, press the volume up key and to decrease press the volume down key.

3. To end the call or to cancel the call attempt, press the end key.

To search for a name or phone number that you have saved in [Address book](#), see "Find a contact," p. 64. Press the call key to call the number.

To access the list of dialed numbers, press the call key once in the standby mode. To call the number, select a number or name, and press the call key.

Speed dialing

Assign a phone number to one of the speed-dialing keys, 2 to 9. See "Speed dial list," p. 66. Call the number in either of the following ways:

- Press a speed-dialing key, then the call key.
- If [Speed dialing](#) is set to [On](#), press and hold a speed-dialing key until the call begins. See [Speed dialing](#) in "Call settings," p. 73.

Enhanced voice dialing

You can say the name saved in the contact list of the phone to make a phone call. Voice commands are not language-dependent. To set the language, see [Voice playback lang.](#) in "Phone settings," p. 74.



Note: Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialing in all circumstances.

1. In the standby mode, press and hold the right selection key or press and hold the volume down key. A short tone is played, and [Speak now](#) is displayed.

2. Say the voice command clearly. If the voice recognition was successful, a list with matches is shown. The phone plays the voice command of the match on the top of the list. If the result is not the correct one, scroll to another entry. Using voice commands to carry out a selected phone function is similar to voice dialing. See [Voice commands](#) in "My shortcuts," p. 68.

■ Answer or reject a call

To answer an incoming call, press the call key, or open the phone. To end the call, press the end key or close the phone.

To reject an incoming call, press the end key or close the phone. To reject an incoming call when the phone is closed, press and hold a volume key.

To mute the ringing tone, press a volume key when the phone is closed, or select [Silence](#) when the phone is open.

Call waiting

To answer the waiting call during an active call, select [Answer](#). The first call is put on hold. To end the active call, press the end key. To switch back to the first call without ending the second call, select [Options](#) > [Swap](#).

To activate the call waiting function, see "Call settings," p. 73.

■ Options during a voice call

Many of the options that you can use during a call are network services. For availability, contact your service provider.

During a call, select [Options](#) and from the following:

Call options are [Mute](#) or [Unmute](#), [Address book](#), [Menu](#), [Lock keypad](#), [Record](#), [Loudspeaker](#) or [Handset](#).

Network services options are [Answer](#) or [Reject](#), [Hold](#) or [Unhold](#), [PTT Contacts](#), [New call](#), [Add to conference](#), [End call](#), [End all calls](#), and the following:

[Touch tones](#) — to send tone strings

[Swap](#) — to switch between the active call and the call on hold

[Transfer](#) — to connect a call on hold to an active call and disconnect yourself

[Conference](#) — to make a conference call of up to five persons

[Private call](#) — to discuss privately in a conference call



Warning: Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

4. Navigate the menus

The phone offers you an extensive range of functions, which are grouped into menus.

1. To access the menu, select **Menu**.

To change the menu view, select **Options** > *Main menu view* > *Grid*, *Grid with labels*, or *Tab*.

To rearrange the menu, scroll to the menu you want to move, and select **Options** > *Organize* > **Move**. Scroll to where you want to move the menu, and select **OK**. To save the change, select **Done** > **Yes**.

2. Scroll through the menu, and select an option (for example, *Settings*).
3. If the selected menu contains further submenus, select the one you want (for example, *Call*).
4. If the selected menu contains further submenus, repeat step 3.
5. Select the setting of your choice.
6. To return to the previous menu level, select **Back**. To exit the menu, select **Exit**.

5. Push to Talk

Select **Menu** > *PTT*.

Push to Talk (PTT) is a two-way radio service available over a GSM cellular network (network service).

You can use PTT to have a conversation with one person or with a group of people having compatible devices and service. While you are connected to the PTT service, you can use the other functions of the phone.

To check availability and costs, and to subscribe to the service, contact your network operator. Service availability may differ from that for normal calls. Visit wireless.att.com/ptt for additional information.

Before you can use the PTT service, you must define the required PTT service settings. See "PTT Settings," p. 29.

Always switch PTT off before switching the phone off or removing the battery.

■ Switch PTT on and off

To disconnect from the PTT service, select **Menu** > *PTT* > *PTT settings* > *PTT Service* > *Off*.

To connect to the PTT service, select **Menu** > *PTT*. If you have added groups to the phone, you are automatically joined to the active groups. There may be a brief delay while PTT connects.

Connection Indicators

These indicators appear on the standby screen next to the clock.



PTT is connected; your status is **Available**



Service is disconnected



Information is waiting



Your status is **Do Not Disturb**

■ Add Contacts

You can add individual contacts or create contact groups to call several people at once.

Add a one-to-one contact

To add a contact to the PTT contacts list, select **Menu** > **PTT** > **Add Contact**. Enter the name and telephone number of the new contact. An invitation is sent to the person.

Add a contact group

You can save a group of contacts so you can call them collectively.

To add a PTT contact group, select **Menu** > **PTT** > **Add Group** and name the group.

To add an existing contact to the group, select **From PTT contacts** and mark the contacts you want added to the new group.

To add a new contact to the group, select **Enter Manually**. Enter the name and telephone number of the new contact. An invitation is sent to the person.

■ Make and receive a PTT call



Warning: Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

To make a group call, a one-to-one call, or a call to multiple recipients, you must hold the PTT key as long as you talk. To listen to the response, release the PTT key.

You can check the login status of your contacts in **Menu** > **PTT** > **PTT Contacts**.

To add a contact, select **Menu** > **PTT** > **Add Contact**. See "Add a one-to-one contact," p. 27 for more information.

Contact status indicators

These indicators appear next to your contacts and provide information about their connection status.



Contact is available



Contact is available with phone set to vibrate or silent



Do not disturb; you cannot contact this person



Invitation is in progress; you cannot contact this person



Contact has PTT switched off; you cannot contact this person

Make a one-to-one call

To start a one-to-one call from the list of contacts to which you have added the PTT telephone number, select **Menu** > **PTT** > **PTT Contacts**. Scroll to a contact, and press and hold the PTT key while talking. Remember that you must release the PTT key to receive their reply.

To start a one-to-one call from the list of PTT groups, select **PTT Contacts**, scroll to the desired group, and select **View**. Scroll to the desired contact, and press and hold the PTT key while talking.

Make a group call

To make a call to a group, select **PTT Contacts** in the PTT menu, scroll to the desired group, and press and hold the PTT key while talking.

Make a PTT call to multiple recipients

To select multiple PTT contacts from the contact list, create a Quick Group. The recipients receive an incoming call. If a recipients phone is set to silent or vibrate, they must accept the call in order to participate.

1. Select **Menu** > **PTT** > **PTT Contacts** and mark the desired contacts. The Quick Group is automatically created.
2. Press and hold the PTT key to start the call. The group name is shown on the display, as soon as members join the call.
3. Press and hold the PTT key to talk to them. Release the PTT key to hear the response.
4. Press the end key to terminate the call.

Receive a PTT call

A short tone notifies you of an incoming PTT call. Information, such as the group, the phone number, or the nickname of the caller are displayed.

You can either accept or reject an incoming one-to-one call if you have set the phone to silent or vibrate.

When you press and hold the PTT key while the caller is talking, you hear a queuing tone. Release the PTT key, and wait for the other person to finish; then you can press and hold the PTT key and begin talking.

■ Change from PTT to mobile call

You can convert a one-to-one or group PTT call to a standard mobile call if you initiated the PTT call. Anytime during the PTT call select **Options** > *Convert to Cellular*. The call recipient(s) can then join your mobile call by pressing the PTT key.

■ Call Me Alerts

If you make a one-to-one call and do not get a response, you can send a request for the person to call you back.

Send a Call Me Alert

You can send a Call Me Alert in the following ways:

To send a Call Me Alert from the contacts list in the *PTT* menu, select *PTT contacts*. Scroll to a contact, and select **Options** > *Call Me Alert*.

To send a Call Me Alert from the group list in the PTT menu, select *PTT contacts*, and scroll to the desired group. Select **View**, scroll to the desired contact, and select **Options** > *Call Me Alert*.

Respond to a Call Me Alert

When someone sends you a Call Me Alert, *Please call (sender's name)* is displayed in the standby mode.

To call the sender, press and hold the PTT key.

To send a Call Me Alert to the sender, select **Options** > *Call Me Alert*.

■ Voice Messages

You can send a voice message to one of your PTT contacts or groups. From the *PTT contacts* menu, select the individual or group to receive the voice message. Select **Options** > *Voice Messages*. Push and hold the PTT key while speaking. Release the PTT key to deliver the message.

■ PTT Settings

Select **Menu** > *PTT* > *PTT Settings*.

My Availability — to set your PTT status to Available or Do Not Disturb

Contact Alerts — to set a notification for when a contact becomes available

Set My Name — to set how your PTT name appears to your contacts and groups

Auto Accept Invites — to set the phone to automatically accept invitations from other PTT users

PTT Service — to switch the PTT service on or off

6. Write text

You can enter text (for example, when writing messages) using traditional or predictive text input. When you write text, text input indicators appear at the top of the display.  indicates traditional text input.  indicates predictive text input. Predictive text input allows you to write text quickly using the phone keypad and a built-in dictionary. You can enter a letter with a single keypress.

 indicates predictive text input with *Word suggestions*. The phone predicts and completes the word before you enter all the characters.

Abc, **abc**, or **ABC** appears next to the text input indicator, indicating the character case. To change the character case, press #.

123 indicates number mode. To change from the letter to number mode, press and hold #, and select *Number mode*.

To set the writing language while writing text, select **Options** > *Writing language*.

■ Predictive text input

To set predictive text input on while writing a message, select **Options** > *Prediction options* > *Prediction* > *On*.



Tip: To quickly set predictive text input on or off or switch to number mode when writing text, press # twice, or select and hold **Options**.

To select the prediction input type, select **Options** > *Prediction options* > *Prediction type* > *Normal* or *Word suggestions*.

1. Start writing a word using the 2 to 9 keys. Press each key only once for one letter. The entered letters are displayed underlined.

If you selected *Word suggestions* as prediction type, the phone starts to predict the word you are writing. After you enter a few letters, and if these entered letters are not a word, the phone tries to predict longer words. Only the entered letters are displayed underlined.

To insert a special character, press and hold *, or select **Options** > *Insert symbol*. Scroll to a character, and select *Use*.

To write compound words, enter the first part of the word; to confirm it, press the scroll key right. Write the next part of the word and confirm the word.

To enter a full stop, press 1.

2. When you finish writing the word and it is correct, to confirm it, press **O** to add space.

If the word is not correct, press ***** repeatedly, or select **Options > Matches**. When the word that you want appears, select the word.

If the **?** character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Complete the word (traditional text input is used), and select **Save**.

■ Traditional text input

To set traditional text input on, select **Options > Prediction options > Prediction > Off**.

Press a number key, **1** to **9**, repeatedly until the desired character appears. Not all characters available under a number key are printed on the key. The characters available depend on the selected writing language.

If the next letter you want is located on the same key as the present one, wait until the cursor appears.

The most common punctuation marks and special characters are available under the **1** key. For more characters, press *****.

7. Messaging

You can use mobile messages to keep in touch with friends, family, and business associates by using text messaging, which is a network service. Not all messaging features are available in all wireless networks. Contact your service provider for availability and subscription information.

When sending messages, your phone may display the words *Message sent*. This is an indication that the message has been sent by your device to the message center number programmed into your device. This is not an indication that the message has been received at the intended destination. For more details about messaging services, check with your service provider.

■ Text messages

Your device supports the sending of text messages beyond the character limit for a single message. Longer messages are sent as a series of two or more messages. Your service provider may charge accordingly. Characters that use accents or other marks and characters from some language options, such as Spanish, take up more space, which limits the number of characters that can be sent in a single message.

A message length indicator appears at the top of the phone display. This indicator allows you to see how many characters remain in the message as you are entering text. For example, 673/2 means that there are 673 characters left and that the message will be sent as a series of two messages.

You can use predefined templates to help you write text messages. Before you can send any text or e-mail messages, you need to configure the message settings. See "Message settings," p. 44.

To check SMS e-mail service availability and to subscribe to the service, contact your service provider.

Write and send

1. Select **Menu** > *Messaging* > *New message* > *Message* and enter the recipient's phone number in the *To:* field.
2. To retrieve a phone number from *Address Book*, select **Add** > *Contacts*. To send the message to multiple recipients, add the contacts you want one by one.
3. To send the message to persons in a group, select *Contact groups* and the group you want. To retrieve the contacts to which you recently sent messages, select **Add** > *Recently used*.

4. Scroll down and enter a message in the [Text](#) field. See "Write text," p. 30.
5. To insert a template in the text message, scroll to the icons below the text field to the **abc** icon. Select the template you want and select [Use](#).
6. To see how the message looks to the recipient, select [Options](#) > [Preview](#).
7. To send the message, select [Send](#).

Read and reply

When you receive messages, either [1 message received](#) or the number of messages is displayed.

1. To view a new message, select [Show](#). To view it later, select [Exit](#).
To read the message later, select [Menu](#) > [Messaging](#) > [Inbox](#). If more than one message has been received, select the message that you want to read.
 indicates an unread message in [Inbox](#).
2. While reading a message, select [Options](#) and delete or forward the message, edit the message as a text message, move it to another folder, or view or extract message details. You can also copy text from the beginning of the message to your phone calendar as a reminder note.
3. To reply to a message, select [Reply](#) and enter your text. To reply with [Audio message](#), select [Reply as](#). To reply as a multimedia message insert an image, calendar note, sound clip, business card, theme, video clip, or web address and the message changes automatically to a multimedia message.
To change the message to multimedia for your reply message, select [Options](#) > [Change to multim.](#)
To send a text message to an e-mail address, enter the e-mail address in the [To:](#) field.
4. To send the message, select [Send](#).

■ SmartChip messages

SmartChip messages are text messages that are saved to your SmartChip card. You can copy or move those messages to the phone memory, but not vice versa. Received messages are saved to the phone memory.

To read SmartChip messages, select [Menu](#) > [Messaging](#) > [Options](#) > [SmartChip messages](#).

■ Multimedia messages

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

A multimedia message can contain text, sound, a picture, a calendar note, a business card, or a video clip. If the message is too large, the phone may not be able to receive it. Some networks allow text messages that include an internet address where you can view the multimedia message.

You cannot receive multimedia messages during a call or an active browsing session over GSM data. Because delivery of multimedia messages can fail for various reasons, do not rely solely upon them for essential communications.

Write and send a multimedia message

The wireless network may limit the size of multimedia messages. If the inserted image exceeds this limit, the device may make it smaller so that it can be sent by multimedia message service.

To set the settings for multimedia messaging, see "Multimedia," p. 45. To check availability and to subscribe to MMS, contact your service provider.

1. Select **Menu** > **Messaging** > **New message** > **Message** > **Options** > **Change to multim.**
2. Enter a message. See "Write text," p. 30.
Your phone supports multimedia messages that contain several pages (slides). A message can contain a calendar note and a business card as attachments. A slide can contain text, one image, and one sound clip; or text and a video clip.
3. To insert a slide in the message, scroll to the **image** icon at the bottom of the display and select **Insert**. Select **Open Images** or **New image** and insert the slides you want.
4. To move the slides or text to another position, or to change the timing of showing slides, select **Options** > **Slide options**.
5. To view the message before sending it, select **Options** > **Preview**.
6. Scroll down and select **Send**. See "Message sending," p. 35.
7. Enter the recipient's phone number in the **To:** field.

To retrieve a phone number from **Address Book**, select **Add** > **Contacts**.

To send the message to multiple recipients, add the contacts you want one by one.

To send the message to persons in a group, select **Contact groups** and the group you want.

To retrieve the contacts to which you recently sent messages, select **Add** > **Recently used**.

Message sending

When you finish writing your message, to send the message, select **Send** or press the call key. The phone saves the message in the outbox folder and sending starts. If you select *Save sent messages* > **Yes**, the sent message is saved in the sent folder. See "General settings," p. 44.

When the phone is sending the message, the animated  is shown. Actual receipt of a message depends on a number of factors. For more details about messaging services, check with your service provider.

It takes more time to send a multimedia message than to send a text message. While the message is being sent, you can use other functions on the phone. If an interruption occurs while the message is being sent, the phone tries to resend the message a few times. If these attempts fail, the message remains in the outbox folder. You can resend it later.

To cancel the sending of the messages in the outbox folder, scroll to the desired message and select **Options** > *Cancel sending*.

Read and reply



Important: Exercise caution when opening messages. Multimedia message objects may contain malicious software or otherwise be harmful to your device or PC.

When you receive multimedia messages, either *Multimedia message received* or *N messages received* is displayed, where N is the number of new messages.

1. To read the message, select **Show**. To view it later, select **Exit**.
To read the message later, select **Menu** > *Messaging* > *Inbox*. In the list of messages,  indicates an unread message. Select the message that you want to view.
2. To view the whole message if the received message contains a presentation, select **Play**.
To view the files in the presentation or the attachments, select **Options** > *Objects* or *Attachments*.
3. To reply to the message, select **Options** > *Reply* or *Reply as*. Write the reply message.
4. To send the message, select **Send**. See "Message sending," p. 35.

Memory full

When you receive a message and the memory for the messages is full, *Memory full. Unable to receive msgs.* is shown. To delete old messages, select **OK** > **Yes** and the folder. Scroll to the message you want and select **Delete**.

To delete more than one message at the same time, scroll to one of the messages you want to delete and select **Options** > **Mark**. Scroll to each additional message you want to delete and select **Mark** or to delete all the messages, select **Options** > **Mark all**. When you have finished marking the messages you want to delete, select **Options** > *Delete marked*.

Folders

The phone saves received text and multimedia messages in the inbox folder.

To set the phone to save the sent messages in the sent folder, see *Save sent messages* in "General settings," p. 44.

To see any message you want to send later and have saved as a draft in the drafts folder, select **Menu** > *Messaging* > *Drafts*.

You can move your messages to the saved items folder. To organize your saved items subfolders, select **Menu** > *Messaging* > *Saved items* > *Saved messages* or a folder you added. To add a new folder for your messages, select **Options** > *Saved items* > **Options** > *Add folder*. To delete or rename a folder, scroll to the folder you want and select **Options** > *Delete folder* or *Rename folder*.

Your phone has templates. To create a new template, save or copy a message as a template. To access the template list, select **Menu** > *Messaging* > *Saved items* > *Templates*.

■ Audio message

You can use MMS to create and send voice messages conveniently. MMS must be activated before you can use audio messages.

Create an audio message

1. Select **Menu** > *Messaging* > *New message* > *Audio message*, and  to start recording.
2. To stop recording, select  and a message screen is displayed.
3. To view the available options, select **Options**.
4. Enter the recipient's phone number in the *To:* field.

To retrieve a phone number from *Address Book*, select **Add** > *Contacts*.

To send the message to multiple recipients, add the contacts you want one at a time.

To send the message to persons in a group, select *Contact groups* and the group you want.

To retrieve the contacts to which you recently sent messages, select **Add** > *Recently used*.

5. To send the message, select **Send**.

Receive an audio message

When your phone receives audio messages, either *1 audio message received*, or *N messages received* is displayed, where N is the number of new messages. To open the message, select **Play**; or if more than one message is received, select **Show** > **Play**. To listen to the message later, select **Exit**. Select **Options** to see the available options.

■ Instant messaging

Instant messaging (IM) is a way to send short, simple text messages to friends and family, regardless of the mobile system or platform they use (like the internet), as long as they all use the same IM service. Check with your service provider for availability.

Before you can use IM, you must subscribe to the service. To check the availability and costs and to subscribe to the service, contact your wireless service provider and the IM service provider from whom you receive your unique ID, password, and settings.



Note: Depending on both your IM service provider and your wireless service provider, you may not have access to all of the features described in this guide.

Depending on the network, the active IM conversation may consume the phone battery faster, and you may need to connect the phone to a charger.

Register with an IM service

Before you can use IM, you must register with an IM service to obtain a user name and password. You can obtain a user name and password by registering over the internet (using your computer) with the IM service provider you have selected. During the registration process, you will have the opportunity to create the user name and password of your choice. For more information about signing up for IM services, contact your wireless service provider.

Log in

1. Select **Menu** > *Messaging* > *IM* > and the service you want to log into.
You must select the IM service every time you log in.
2. Enter your screen name and password if they are not already displayed.
3. Select **Options** > Sign In.

Depending on your IM service, you may not need to enter your user name and password manually every time you log in.

You can choose to save your password so you do not have to enter it each time you sign in, or you can choose to log in automatically and skip the log in window when you select the IM application. Scroll to [Save password](#) or Automatic sign-in and select [Mark](#).

Icons and menu items

Each IM service provider has its own unique interface, so the IM menu items, display text, and icons on your phone may appear differently for each IM service. If you have questions about the differences in the various IM service providers' text and icons, contact your wireless service provider for more information.

IM menus

When you select IM from your phone menu, a list of available IM services is displayed. Select the desired IM service to access the offline menu options: Sign On, Saved Conversations, and Network settings. Depending on the IM service provider you are using, these may not be the exact menu items displayed.

After you log into IM, the following IM online options appear: Conversations, Online contacts, and Offline contacts. Depending on the IM service provider you are using, these may not be the exact menu items displayed.

Begin an IM session

You can send instant messages to anyone if you have the person's user name and you use the same IM service. As the conversation progresses, the most recent message appears at the bottom of the window, causing the previous messages to move up one level (some IM services may do this in the opposite direction).

If you want to chat with a person, you must first add that person to online contacts. See "Contacts," p. 40.

To begin an IM session, do the following:

1. From the [IM](#) online menu, select a contact who is online.
2. A conversation window is opened, and the contact's name is displayed at the top.
3. Enter a message. When you finish the message, select [OK](#).

Receive and reply to messages

If you have an active chat open and receive an instant message from the contact or group member with whom you are chatting, the new message is displayed on the conversation window in the sequence in which they are received. Select Write to reply.

If you receive an instant message when you have the IM application open, but do not have an active chat open, a message appears showing you have a new instant message with the name of the sender. Select **Open** to open the conversation window with that contact's new message displayed. To reply, select **Write**, enter a message, and select **OK**.

If you receive an instant message when you are logged in to the IM service, but do not have the IM application open on your phone, a message is displayed telling you that a new IM message has been received. Select **Start** to open the IM application, and view the new message.

Return to chat session

From the IM online menu, select **Conversations**. This list displays all IM conversations and group chats in which you are currently participating. To view a conversation or continue chatting, select a group name or contact name.

Use detail from a chat

If a contact sends you a phone number or URL in a chat session, you can call that phone number or connect to the URL.

From the chat session, select **Menu** > **Use Detail**. A list of phone numbers or URLs from the chat session is displayed. Select the desired item.

If you select a URL, the IM application closes and the web browser starts. To log back into the IM application, select **Menu** > **Messaging** > **IM**. The IM application opens, and you can see your conversations and contacts.

Chat session options

You can save, view, rename, or delete a chat session.

To save a chat session, while you have the conversation open, select **Menu** > **Save**, edit the name if desired, and select **OK**.

To view a saved chat session, from the IM online menu, select **Menu** > **Saved conversations**. Scroll to the desired conversation name, and select **Open**.

To rename a saved chat session, from the IM online menu, select **Menu** > **Saved conversations**. Scroll to the desired conversation name, and select **Menu** > **Rename**. Rename the conversation, and select **OK**.

To delete a saved chat session, from the IM online menu, select **Menu** > **Saved conversations**. Scroll to the desired conversation name, and select **Menu** > **Delete** > **OK**.

Set your availability

You can determine if other users can tell whether you are available or not. From the IM online menu, highlight your name at the top of the window, and select **Menu** > My Status > Available, Invisible, or Busy.

Contacts

You can add the names of contacts with whom you interact frequently by IM to the contacts list.

To add a new contact during an IM session, select **Menu** > Add Contact > **OK**. Enter a nickname and select **OK**.

To add a new contact from the IM online menu, select **Menu** > Add Contact. Enter the contact's user name for the IM service, and select **OK**. Enter a nickname for the contact, and select **OK**.

To remove a contact from the IM online menu, select Online contacts or Offline contacts. Scroll to the contact you wish to remove, and select **Menu** > Delete contact > **OK**.

Log off service

From the IM online window, you can exit the IM application, but still be connected to the IM service. Select Back until the IM online window appears; then select Exit. If you open IM again, you do not need to log in again.

You can receive instant messages and chat invitations from your contacts when using your phone for other purposes, such as playing a game. If you are connected to your IM service, but you have not used your IM application for some time, you may be automatically disconnected from the IM service. The next time you open the IM application, you must log in again.

To disconnect from the IM service, you must log out from the online window. You are taken to the IM service provider list, where you can exit the IM application or select an IM service and log in again.

From the IM online screen, select Sign Out > **OK**.

■ E-mail

The actual terms and words seen when sending, replying, forwarding, or saving e-mail may be dependent on your e-mail service provider.



Important: Exercise caution when opening messages. E-mail messages may contain malicious software or otherwise be harmful to your device or PC.

E-mail provides access to certain common e-mail services. If you have an e-mail account with one of the supported e-mail services, you can use this application to access your e-mail account. With this application you can view your inbox, compose and send e-mail, receive e-mail, receive notification of new e-mail, and delete e-mail. This e-mail application is different from the SMS and MMS e-mail function.

If you do not have an e-mail account already, visit the website of one of the e-mail service providers and register for an e-mail account. If you have questions regarding the cost of e-mail service, contact your wireless service provider.

Start e-mail

1. Select **Menu** > **Messaging** > E-mail.
2. Highlight and select the provider with which you have an e-mail account. Alternatively, you can select **Options** > Add account and the appropriate provider from the list.
3. Read and accept the terms of use, if you are presented with any.
4. Enter your user ID and password. Note that the password is case sensitive.
5. If you wish to have your login information remembered, highlight the checkbox option, and select Mark.
6. Select **Options** > Save.

After the account is successfully validated, it appears on the list.

If you select to have your login information remembered, when you next select that account, the first page of your e-mail inbox view is automatically loaded. If the login information has not been remembered, you must login to start using your e-mail account.

View the inbox and other folders

The inbox view loads the first page of the inbox by default. Scroll up or down in the inbox.

To navigate from the inbox to another folder, scroll right or left. This switches the tab view from the current folder to the next folder. Scroll to the desired folder. Stop at the desired folder and the first page of that folder loads automatically. When folder content is loaded, it is not updated again until you select **Options** > Refresh folder.

To view an e-mail, select the e-mail. When you highlight a particular e-mail, you see an expanded view with more details about the e-mail.

Write and send

1. To start writing an e-mail from the inbox view, select Options > Compose New.
2. Enter the recipient's e-mail address, a subject, and the e-mail message.
3. Select Send to send the e-mail.

Reply and forward

1. When viewing an e-mail, select Options > Reply, Reply to all, or Forward.
The e-mail view loads with the appropriate fields completed.
2. Enter the remaining information.
3. Select Send to send the e-mail.

Delete

To delete an e-mail from the inbox view, select Options > Delete. To mark multiple e-mail to be deleted, select Options > Mark for deletion. To delete marked e-mail, select Options > Delete marked.

To delete an e-mail you are viewing, select Delete.

Preferences

From the inbox view, select Options > Preferences to set the following preferences:

Folder display — to view e-mails in the inbox view by their address or subject.

Delete Confirmation — to be prompted with a delete confirmation or not

Message AutoExpand — to automatically expand the e-mail message in the inbox view when it is highlighted

Highlight and select your desired preferences. To apply your preference changes, select Options > Save. These preferences are applied to all of your e-mail accounts.

E-mail alerts

To set e-mail alerts on or off from the inbox view, select Options > E-mail Alerts. If e-mail alerts are enabled, you get notifications of new e-mails. This setting only applies to the current e-mail account, and does not affect the notification settings of other e-mail accounts.

■ Voice mail

If you subscribe to voice mail (network service), your service provider furnishes you with a voice mailbox number. The number may be populated in your phone during the activation process. If not, you need to save this number to your phone to use voice mail. When you receive a voice message, your phone lets you know by beeping, displaying a message, or both. If you receive more than one message, your phone shows the number of messages received.

To call your voice mailbox, in the standby mode, press and hold 1, or select **Menu** > *Messaging* > *Voice mail* > *Listen to voice mails*. To enter, find, or edit your voice mailbox number, select *Voice mailbox number*.

If supported by the network,  indicates new voice messages. Select **Listen** to call your voice mailbox number.

■ Service commands

Use the service commands editor to enter and send service requests (also known as USSD commands) to your service provider. Contact your service provider for information about specific service commands. Select **Menu** > *Messaging* > *Serv. commands*.

■ Delete messages

To delete messages one by one, select **Menu** > *Messaging* > *Delete messages* > *By message* and the folder from which you want to delete messages. Scroll to the message you want to delete, and select **Delete**.

To delete more than one message at the same time, scroll to one of the messages you want to delete, and select **Options** > *Mark*. Scroll to each additional message you want to delete, and select *Mark*; or to delete all the messages, select **Options** > *Mark all*. When you have finished marking the messages you want to delete, select **Options** > *Delete marked*.

To delete all messages from a folder, select **Menu** > *Messaging* > *Delete messages* > *By folder* and the folder from which you want to delete the messages. Depending on the folder, the phone asks if you want to delete the messages. To delete, select **Yes**. Otherwise, if the folder contains unread messages or messages that are waiting to be sent, the phone asks whether you want to keep them. To keep these messages, select **Yes**.

To delete all messages from all folders, select **Menu** > *Messaging* > *Delete messages* > *All messages* > **Yes**.

■ Message settings

General settings

General settings are common for text and multimedia messages.

Select **Menu** > *Messaging* > *Message settings* > *General settings* and one of the following options:

Save sent messages > **Yes** — to set the phone to save the sent messages in the sent folder

Overwriting in Sent — to select if overwriting takes place when messages are sent and the message memory is full

Font size — to select the font size used in messages

Favorite recipient — to define contacts or groups as favorites and easily found in the contacts and groups lists

Graphical smileys > **Yes** — to set the phone to replace character-based smileys with graphical ones

Text messages

The text message settings affect the sending, receiving, and viewing of text messages.

Select **Menu** > *Messaging* > *Message settings* > *Text messages* and one of the following options:

Message centers > *Add center* — to set the phone number and name of the message center that is required for sending text messages. You receive this number from your service provider.

Msg. center in use — to select the message center in use

E-mail msg. center > *Email settings* or *Add center* — to set the phone number and server number of the message center that is required for sending e-mail messages. You receive this number from your service provider.

E-mail center in use — to select the e-mail message center in use

Use packet data > **Yes** — to set GPRS as the preferred text messaging bearer

Character support > **Full** — to select all characters in the messages to be sent as viewed. If you select *Reduced*, characters with accents and other marks may be converted to other characters. When writing a message, you can check how the message will look to the recipient by previewing the message. See "Write and send," p. 32.

Multimedia

The multimedia message settings affect the sending, receiving, and viewing of multimedia messages and audio messages.

You may receive the configuration settings for multimedia messaging as a configuration message. See "Configuration settings service," p. 8. You can also enter the settings manually. See "Configuration," p. 75.

Select [Menu](#) > [Messaging](#) > [Message settings](#) > [Multimedia](#) and one of the following options:

[Delivery reports](#) > [On](#) — to ask the network to send delivery reports about your messages (network service)

[MMS creation mode](#) — to select restricted or free types of MMS messages. Selecting free allows various types of multimedia added to a message.

[Image size \(free or restricted\)](#)— to define the default image size used in multimedia messages

[Default slide timing](#) — to define the default time between slides in multimedia messages

[Incoming MMS msgs.](#) — to allow the reception of multimedia messages automatically, manually after being prompted, or to decline the reception. This setting is not shown if [Incoming MMS msgs.](#) is set to [Reject](#).

[Allow ads](#) — to receive or decline advertisements. This setting is not shown if [Allow ads](#) is set to [No](#) or [Incoming MMS msgs.](#) is set to [Reject](#).

[Configuration sett.](#) > [Configuration](#) — only the configurations that support multimedia messaging are shown. Select a service provider or [Default](#) for multimedia messaging. Select [Account](#) and a multimedia messaging service account contained in the active configuration settings.

8. Recent Calls

The phone logs the phone numbers of identified missed, received, and dialed calls, and the approximate length of your calls. The phone registers missed and received calls only if the network supports these functions and the phone is turned on and within the network's service area.

To view the information on your calls, select **Menu** > *Recent Calls* > *All calls* > *Missed calls*, *Calls received*, or *Calls made*. To view your recent missed and received calls and the calls made chronologically, select *All calls*. To view the contacts to whom you most recently sent messages, select *Msg. recipients*.

To view the approximate information on your recent communications, select **Menu** > *Recent Calls* > *Call time*, *Data counter*, *Pack. data timer*, or *Data transfer*.

To view how many text and multimedia messages you have sent and received, select **Menu** > *Recent Calls* > *Message log*.



Note: The actual invoice for calls and services from your service provider may vary, depending on network features, rounding off for billing, taxes, and so on.



Note: Some timers may be reset during service or software upgrades.

9. MEdia Net

You can access various mobile internet services with your phone browser.



Important: Use only services that you trust and that offer adequate security and protection against harmful software.

Check the availability of these services, pricing, and instructions with your service provider.

With the phone browser you can view the services that use wireless markup language (WML) or extensible hypertext markup language (XHTML) on their pages. Appearance may vary due to screen size. You may not be able to view all details of the internet pages.

■ Set up browsing

You may receive the configuration settings required for browsing as a configuration message from the service provider that offers the service you want to use. See "Configuration settings service," p. 8. You can also enter all the configuration settings manually. See "Configuration," p. 75.

■ Connect to a service

Ensure that the correct configuration settings of the service are activated.

1. To select the settings for connecting to the service, select **Menu** > *MEdia Net* > *Settings* > *Configuration sett.*
2. Select *Configuration*. Only the configurations that support browsing service are shown. Select a service provider or *Default* for browsing. See "Set up browsing," p. 47.
3. Select *Account* and a browsing service account contained in the active configuration settings.
4. Select *Displ. term. window* > *Yes* to perform manual user authentication for intranet connections.

Make a connection to the service in one of the following ways:

- Select **Menu** > *MEdia Net*. In the standby mode, press and hold 0, or press the MEdia Net key under the left selection key. See "Key functions," p. 18.
- To select a bookmark of the service, select **Menu** > *MEdia Net* > *Bookmarks*.
- To select the last URL, select **Menu** > *MEdia Net* > *Last MNet addr.*
- To enter the address of the service, select **Menu** > *MEdia Net* > *Go to*. Enter the address of the service, and select **OK**.

■ Browse pages

After you make a connection to the service, you can start browsing its pages. The function of the phone keys may vary in different services. Follow the text guides on the phone display. For more information, contact your service provider.

Browse with phone keys

To browse through the page, scroll in any direction.

To select an item, press the call key, or select [Select](#).

To enter letters and numbers, press the 0 to 9 keys. To enter special characters, press *.

Direct calling

While browsing, you can make a phone call, and save a name and a phone number from a page.

■ Bookmarks

You can save page addresses as bookmarks in the phone memory.

1. In the standby mode, select [Menu](#) > [MEdia Net](#), or select the **MEdia Net** key to connect to the web. While browsing, select [Options](#) > [Add bookmark](#).
2. Select [Menu](#) > [MEdia Net](#) > [Bookmarks](#) to view a list of saved bookmarks.
3. Scroll to a bookmark, and select it, or press the call key to make a connection to the page associated with the bookmark.
4. Select [Options](#) to view, edit, delete, or send the bookmark; to create a new bookmark; or to save the bookmark to a folder.

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Receive a bookmark

When you have received a bookmark that is sent as a bookmark, *1 bookmark received* is displayed. To view the bookmark, select **Show**.

■ Appearance settings

While browsing, select **Options** > *Other options* > *Appearance settings* and from the following options:

Text wrapping — Some websites may not automatically wrap text. Select **On** to allow text to wrap to the next line for viewing entire headings.

Font size — to set the font size

Show images > **No** — to hide images on the page

Alerts > *Alert for unsec. conn.* > **Yes** — to set the phone to alert when a secure connection changes to an unsecure one during browsing

Alerts > *Alert for unsec. items* > **Yes** — to set the phone to alert when a secure page contains an unsecure item. These alerts do not guarantee a secure connection. For more information, see "Browser security," p. 51.

Character encoding > *Content encoding* — to select the encoding for the browser page content

Character encoding > *Unicode (UTF-8) addr.* > **On** — to set the phone to send a URL as a UTF-8 encoding

Screen size > **Full** or **Small** — to set the screen layout

Show page title — to show the page title of a web address

JavaScript > **Enable** — to enable the Java scripts

■ Security settings

Cookies

A cookie is data that a site saves in the cache memory of your phone. Cookies are saved until you clear the cache memory. See "Cache memory," p. 50.

While browsing, select **Options** > *Other options* > *Security* > *Cookie settings*; or in the standby mode, select **Menu** > *Media Net* > *Settings* > *Security settings* > *Cookies*. To allow or prevent the phone from receiving cookies, select **Allow** or **Reject**.

Scripts over secure connection

You can select whether to allow the running of scripts from a secure page. The phone supports WML scripts.

While browsing, to allow the scripts, select [Options](#) > [Other options](#) > [Security](#) > [WMLScript settings](#); or in the standby mode, select [Menu](#) > [MEdia Net](#) > [Settings](#) > [Security settings](#) > [WMLScripts in conn.](#) > [Allow](#).

■ Download settings

To automatically save all downloaded files in [Tones & Graphics](#), select [Menu](#) > [MEdia Net](#) > [Settings](#) > [Downloading sett.](#) > [Automatic saving](#) > [On](#).

■ Service inbox

The phone is able to receive service messages sent by your service provider (network service). Service messages are notifications (for example, news headlines), and they may contain a text message or an address of a service.

To access the service inbox in the standby mode, when you have received a service message, select [Show](#). If you select [Exit](#), the message is moved to the service inbox.

To access the service inbox later, select [Menu](#) > [MEdia Net](#) > [Service inbox](#).

To access the service inbox while browsing, select [Options](#) > [Other options](#) > [Service inbox](#). Scroll to the message you want, and to activate the browser and download the marked content, select [Retrieve](#). To display detailed information on the service notification or to delete the message, select [Options](#) > [Details](#) or [Delete](#).

Service inbox settings

Select [Menu](#) > [MEdia Net](#) > [Settings](#) > [Service inbox sett.](#)

To set whether you want to receive service messages, select [Service messages](#) > [On](#) or [Off](#).

To set the phone to receive service messages only from content authors approved by the service provider, select [Message filter](#) > [On](#). To view the list of the approved content authors, select [Trusted channels](#).

To set the phone to automatically activate the browser from the standby mode when the phone has received a service message, select [Autom. connection](#) > [On](#). If you select [Off](#), the phone activates the browser only after you select [Retrieve](#) when the phone has received a service message.

■ Cache memory

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed is stored in the cache.

To empty the cache while browsing, select [Options](#) > [Other options](#) > [Clear the cache](#); in the standby mode, select [Menu](#) > [MEdia Net](#) > [Clear the cache](#).

■ Browser security

Security features may be required for some services, such as online banking or shopping. For such connections you need security certificates and possibly a security module, which may be available on your SmartChip card. For more information, contact your service provider.

Security module

The security module improves security services for applications requiring a browser connection, and allows you to use a digital signature. The security module may contain certificates as well as private and public keys. The certificates are saved in the security module by the service provider.

To view or change the security module settings, select [Menu](#) > [Settings](#) > [Security](#) > [Security module sett.](#)

Certificates



Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If Expired certificate or Certificate not valid yet is shown even if the certificate should be valid, check that the current date and time in your device are correct. Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

There are three kinds of certificates: server certificates, authority certificates, and user certificates. You may receive these certificates from your service provider. Authority certificates and user certificates may also be saved in the security module by the service provider.

To view the list of the authority or user certificates downloaded into your phone, select [Menu](#) > [Settings](#) > [Security](#) > [Authority certificates](#) or [User certificates](#).



is displayed during a connection, if the data transmission between the phone and the content server is encrypted.

The security icon does not indicate that the data transmission between the gateway and the content server (or place where the requested resource is stored) is secure. The service provider secures the data transmission between the gateway and the content server.

Digital signature

You can make digital signatures with your phone if your SmartChip card has a security module. Using the digital signature can be the same as signing your name to a paper bill, contract, or other document.

To make a digital signature, select a link on a page, for example, the title of the book you want to buy and its price. The text to sign, which may include the amount and date, is shown.

Check that the header text is [Read](#) and that the digital signature icon  is shown.

If the digital signature icon does not appear, there is a security breach, and you should not enter any personal data such as your signing PIN.

To sign the text, read all of the text first, and select [Sign](#).

The text may not fit within a single screen. Therefore, make sure to scroll through and read all of the text before signing.

Select the user certificate you want to use. Enter the signing PIN. The digital signature icon disappears, and the service may display a confirmation of your purchase.

10. AT&T Mall

From the standby mode, select **Menu** > *AT&T Mall* to access to the AT&T Mall website. The AT&T Mall provides links to a variety of content such as tones, games, graphics, multimedia, and applications that may be purchased and downloaded to your phone.

If you have questions about billing or about accessing this website, please contact your service provider.

11. AT&T Music

This menu provides access to the music player, various music-related tools, applications, and services.

To open the music player from the standby mode, select **Menu** > *AT&T Music* > *Music player*, or press the right selection key.

See "Music player," p. 58 for more information on using the music player.

12. My Stuff

In this menu, you can manage graphics, images, recordings, and tones, which are files arranged in folders. This menu also includes multimedia and entertainment features available in the phone, and features that assist you in organizing daily tasks.

Your phone supports an activation key system to protect acquired content. Always check the delivery terms of any content and activation key before acquiring them, as they may be subject to a fee.

■ Tones & Graphics

In the standby mode, select [Menu](#) > [My Stuff](#) > [Tones & Graphics](#) to manage images, video clips, music files, themes, graphics, tones, audio, and received files. These files are stored in the phone memory or an attached microSD memory card and may be arranged in folders.

The files stored in tones and graphics use the memory capacity of the phone. You can use a compatible memory card to extend the memory capacity to store images, themes, graphics, ringing tones, video clips, and audio clips in tones and graphics.

To manage the files and folders, do the following:

1. Select [Menu](#) > [My Stuff](#) > [Tones & Graphics](#). A list of folders is shown. If a memory card is inserted in the phone, [Memory card, \(unformat.\)](#) or the name of the memory card is shown.
2. Scroll to the folder you want. To view a list of files in the folder, select [Open](#). For the available options, select [Options](#).
3. Scroll to the file you want to view, and select [Open](#). For the available options, select [Options](#).

Format memory card

To format a new memory card, select [Menu](#) > [My Stuff](#) > [Tones & Graphics](#).

Scroll to the memory card folder and select [Options](#) > [Format mem. card](#).

See "Memory card," p. 12.

■ Games & Apps.

In the standby mode, select [Menu](#) > [My Stuff](#) > [Games and Apps](#) to manage applications and games. These files are stored in the phone memory or an attached microSD memory card and may be arranged in folders.

For options to format or lock and unlock the memory card, see "Memory card," p. 12.

Launch a game

Your phone software includes some games.

Select **Menu** > *My Stuff* > *Games & apps* > *Games*. Scroll to the desired game, and select **Open**.

To set sounds, lights, and shakes for the game, select **Menu** > *My Stuff* > *Games and Apps*. Scroll to *Games* and select **Options** > *Application settings*.

For more options, see "Application options," p. 56.

Launch an application

Your phone software includes some Java applications.

Select **Menu** > *My Stuff* > *Games and Apps* > *Application*. Scroll to an application, and select **Open**.

Application options

Update version — to check if a new version of the application is available for download from web (network service)

MEdia net page — to provide further information or additional data for the application from an internet page (network service), if available

App. access — to restrict the application from accessing the network

Download an application

Your phone supports J2ME Java applications. Make sure that the application is compatible with your phone before downloading it.



Important: Only install and use applications and other software from sources that offer adequate security and protection against harmful software.

You can download new Java applications and games in different ways.

Use the Nokia Application Installer from PC Suite to download the applications to your phone, or select **Menu** > *My Stuff* > *Games & apps* > **Options** > *Downloads* > *App. downloads*; the list of available bookmarks is shown. See "Bookmarks," p. 48.

For the availability of different services and pricing, contact your service provider.

Your device may have preinstalled bookmarks and links for third-party internet sites.

You may also access other third-party sites through your device. Third-party sites are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you choose to access such sites, you should take precautions for security or content.

■ Multimedia

From the standby mode, select **Menu** > **My Stuff** > **Multimedia** to access multimedia and entertainment features available in the phone.

Camera

When taking and using images or video clips, obey all laws and respect local customs as well as privacy and legitimate rights of others, including copyrights. You can take photos or record live video clips with the built-in 1.3 megapixel camera. The camera produces pictures in jpeg format and video clips in 3gpp format. The camera lens is on the front of the phone. The color display works as a viewfinder.

Take a photo

1. Select **Menu** > **My Stuff** > **Multimedia** > **Camera** > **Capture**; or press the camera key, and select **Capture**.
The phone saves the photo in **Menu** > **My Stuff** > **Tones & Graphics** > **Images** unless you set the phone to use the memory card to save photos.
2. To take another photo, select **Back**.
3. To zoom in or out, scroll up or down.
4. To take several photos in quick succession, select **Options** > **Image sequence on** > **Sequence**. To take another photo, select **Options** > **New image**. To take a single image, select **Options** > **Image sequence off**.
The higher the resolution, the fewer photos you can take sequentially.
5. To send the photo as a multimedia message, select **Send**.
6. To set a timer to delay capturing a photo for 10 seconds, select **Options** > **Self-timer on** > **Start**.

A beep sounds while the self-timer is running. It beeps faster when the camera is about to capture the photo. After the time-out, the camera takes the photo and saves the photo in **Menu** > **My Stuff** > **Tones & Graphics** > **Images**.

To take a photo when the lighting is dim, the camera automatically adjusts a longer exposure time so the photo quality is better.

This Nokia device supports an image capture resolution up to 1024 x 1280 pixels. The image resolution in these materials may appear different.

Self-portrait

To take a self-portrait photo, select **Menu** > **My Stuff** > **Multimedia** > **Camera** and close the fold. To take a picture, press the PTT key. To view the photo, open the fold.

Record a video clip

Select **Menu** > **My Stuff** > **Multimedia** > **Video** > **Record**. To pause recording, select **Pause**; to resume recording, select **Continue**. To stop recording, select **Stop**. The phone saves the recording in **Menu** > **My Stuff** > **Open Tones & Graphics** > **Video clips** or a folder in the memory card. To view the options, select **Options**.

Camera and video settings

Select **Menu** > **My Stuff** > **Multimedia** > **Camera** or **Video** > **Options** > **Settings** and edit the available settings.

Camera and video effects

Select **Menu** > **My Stuff** > **Multimedia** > **Camera** or **Video** > **Options** > **Effects** and one of the available options.

Music player

Your phone includes a music player for listening to music tracks, recordings, or MP3, MP4, WMA (Windows Media Audio), aac, aac+, or eaac+ sound files that you have transferred to the phone with the Nokia Music Manager application. Music files are automatically detected and added to the default track list.

Play music tracks

1. Select **Menu** > **My Stuff** > **Multimedia** > **Music player** > **Go to Music player**. The details of the first track on the default track list are shown.
2. To play a track, scroll to the track, and select .
3. To skip to the beginning of the next track, select . To skip to the beginning of the previous track, select  once.
4. To rewind the current track, select and hold . To fast forward the current track, select and hold . Release the key at the position you want.
5. To pause the playing, select .



Warning: Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing. Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

Options in Music player

In the music player menu, music tracks can be saved in the following categories:

All songs — to view all music tracks

Playlists — to create new playlists, check the currently playing music, view recently added playlists or tracks, find the tracks played most often, and view all playlists

[Artists](#) — to view all music tracks by the artist's name

[Albums](#) — to view music tracks by albums

[Genres](#) — to view music tracks by genres

[Videos](#) — to view a list of music videos

Settings

To change settings, select [Menu](#) > [My Stuff](#) > [Multimedia](#) > [Music player](#) > [Go to Music player](#) > [Options](#) > [Settings](#) and choose from the following:

[Shuffle](#) — to play music tracks in random order

[Repeat](#) — to repeat the current song, all songs, or to turn off repeat

[Equalizer](#) — to open the list of media equalizer sets. See "Equalizer," p. 60.

[Stereo widening](#) — to enhance the audio output of the phone by enabling a wider stereo sound effect

[Music player theme](#) — to select the theme or skin of the music player

Other options

[Go to Music menu](#) — to go to the main music menu

[Now playing](#) — to view the track currently playing

[Add to playlist](#) — to add the current song to the favorites track list.

[Downloads](#) — to download music through web.

[MEdia Net page](#) — to go to MEdia Net

[Mute audio](#) — to mute the audio

[Play via Bluetooth](#) — to connect and play music through a Bluetooth enabled audio accessory using Bluetooth connection

Voice recorder

You can record pieces of speech, sound, or an active call. This is useful when recording a name and phone number for writing them down later.

Record sound

1. Select [Menu](#) > [My Stuff](#) > [Multimedia](#) > [Voice recorder](#).
2. To start recording, select . To start recording during a call, select [Options](#) > [Record](#). While recording a call, all parties to the call hear a faint beeping sound. When recording a call, hold the phone in the normal position near to your ear.
3. To stop recording, select .

The recording is saved in [Menu](#) > [My Stuff](#) > [Tones & Graphics](#) > [Audio](#).

4. To listen to the latest recording, select **Options** > *Play last recorded*.
5. To send a recording using Bluetooth or as a multimedia message, scroll to the recording and select **Options** > *Send*.

List of recordings

1. Select **Menu** > *My Stuff* > *Multimedia* > *Voice recorder* > **Options** > *Audio list*.
The list of folders in tones and graphics is shown.
2. Open *Audio* to see the list with recordings.
3. Select **Options** to view a list of options for files.

Define a storage folder

To use a folder (other than audio) as the default folder in tones and graphics., select **Menu** > *My Stuff* > *Multimedia* > *Voice recorder* > **Options** > *Select memory* and a folder from the list.

Equalizer

To control the sound quality when using the music player by amplify or diminish frequency bands.

Select **Menu** > *My Stuff* > *Multimedia* > *Equalizer*.

To activate a set, scroll to one of the equalizer sets, and select **Activate**.

To view, edit, rename, and select your own settings, select *Set 1* or *Set 2* > **Options** > *Edit*, or *Rename*. Only Set 1 and Set 2 can be edited or renamed.

Stereo widening

Stereo widening enhances the audio output of the phone by enabling a wider stereo sound effect. To change the setting, select **Menu** > *My Stuff* > *Multimedia* > *Stereo*.

■ Tools

Your Nokia mobile phone has many useful features for organizing your everyday life. The following features are found in tools: alarm clock, calendar, to-do list, notes, calculator, countdown timer, and stopwatch.

Alarm clock

The alarm clock uses the time format set for the clock. The alarm clock works even when the phone is turned off if there is enough power in the battery.

To set the alarm, select **Menu** > *My Stuff* > *Tools* > *Alarm clock* > *Alarm time* and enter the alarm time. To change the alarm time when the alarm time is set, select *On*. To set the phone to alert you on selected days of the week, select *Repeat alarm*.

To set a snooze time-out, select [Snooze time-out](#) and the time you want.

After making changes to the alarm settings, scroll to the bottom of the menu and select [Save](#).

Alert tone and message

The phone sounds an alert tone and flashes [Alarm!](#) and the current time on the display, even if the phone is switched off. To stop the alarm, select [Stop](#). If you let the phone continue to sound the alarm for a minute or select [Snooze](#), the alarm stops for the selected snooze time-out and then resumes.

If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone. If you select [Snooze](#), the device switches off, then switches on again after the snooze time is reached. If you select [Stop](#), the device asks whether you want to activate the device for calls. Select [No](#) to switch off the device or [Yes](#) to make and receive calls. Do not select [Yes](#) when wireless phone use may cause interference or danger.

Calendar

The calendar helps you keep track of reminders, calls that you need to make, meetings, and birthdays.

Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Calendar](#).

The current day is indicated by a frame in the month view. If there are any notes set for the day, the day is in bold type. To view the day notes, select [View](#). To view a week, select [Options](#) > [Week view](#). To delete all notes in the calendar, select the month or week view and [Options](#) > [Delete all notes](#).

Other options for the calendar day view are make a note; delete, edit, or move a note; copy a note to another day; send a note with Bluetooth wireless technology; or send a note as a text message or multimedia message to the calendar of another compatible phone. Select [Settings](#), to set the date and time. Select [Auto-delete notes](#), to set the phone to delete old notes automatically after a specified time.

Make a note

Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Calendar](#), the date you want, and [Options](#) > [Make a note](#), and one of the following note types:  [Meeting](#),  [Call](#),  [Birthday](#),  [Memo](#) or  [Reminder](#).

Note alarm

The phone beeps and displays the note. If a call note appears, to call the displayed number, press the call key. To stop the alarm and to view the note, select [View](#). To stop the alarm for 10 minutes, select [Snooze](#). To stop the alarm without viewing the note, select [Exit](#).

To-do list

To save a note for a task that you have to do, select a priority level for the note, and mark it as done when you have completed it. Notes can be sorted by priority or by date.

To-do notes

1. Select [Menu](#) > [My Stuff](#) > [Tools](#) > [To-do list](#).
2. If no note is added, select [Add note](#); otherwise, select [Options](#) > [Add](#).
3. Write the note, select the priority, set the deadline and the alarm type for the note, and select [Save](#).
4. To view a note, scroll to it, and select [View](#).

Notes

Select [Notes](#) to write and send notes to compatible devices by using text messaging or MMS.

1. Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Notes](#).
2. To make a note if one is not added, select [Add note](#); otherwise, select [Options](#) > [Make a note](#).
3. Write the note, and select [Save](#).
4. To view a note, scroll to it, and select [View](#).

Calculator

The calculator in your phone provides basic arithmetic and trigonometric functions; calculates the square, the square root, and the inverse of a number; and converts currency values.



Note: This calculator has limited accuracy and is designed for simple calculations.

Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Calculator](#). Press # for a decimal point. Scroll to the desired operation or function, or select it from [Options](#).

To save the exchange rate, select [Options](#) > [Exchange rate](#). To perform the currency conversion, enter the amount to be converted and select [Options](#) > Foreign unit in domestic units or Domestic unit in foreign units.

Timer

1. Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Timer](#) > [Normal timer](#); enter the alarm time in hours, minutes, and seconds; and select [OK](#).

You can write your own note text, which is displayed when the time expires.

2. To start the timer, select [Start](#).
3. To change the countdown time, select [Change time](#).
4. To stop the timer, select [Stop timer](#).

If the alarm time is reached when the phone is in the standby mode, the phone sounds a tone and flashes the note text (if it is set) or [Countdown completed](#). To stop the alarm press any key. If no key is pressed, the alarm automatically stops within 60 seconds. To stop the alarm and to delete the note text, select [Exit](#). To restart the countdown timer, select [Restart](#).

Stopwatch

Select [Menu](#) > [My Stuff](#) > [Tools](#) > [Stopwatch](#) to measure time, take intermediate times, or take lap times using the stopwatch. During timing, the other functions of the phone can be used. To set the stopwatch timing in the background, press the end key.

Using the stopwatch or allowing it to run in the background when using other features increases the demand on battery power and reduces the battery life.

13. Address Book

In the address book, you can store and manage contact information, such as names, phone numbers, and addresses. You can save names and numbers in the internal memory of the phone, the SmartChip card memory, or in a combination of the two. Names and numbers saved in the SmartChip card memory, are indicated by .

■ Find a contact

Select [Menu](#) > [Address Book](#) > [Names](#), and scroll through the list of contacts, or enter the first letter of the name you are trying to find.

■ Save names and phone numbers

Names and numbers are saved in the used memory. Select [Menu](#) > [Address Book](#) > [Names](#) > [Options](#) > [Add new contact](#). Enter the last name, first name, and phone number, and select [Save](#).

■ Save numbers, items, or an image

In the phone memory for contacts, you can save different types of phone numbers and short text items per name. You can also assign a ringing tone to a contact.

The first number you save is automatically set as the default number and it is indicated with a frame around the number type indicator (for example, ). When you select a name, the default number is used unless you select another number.

1. Make sure that the memory in use is either [Phone](#) or [Phone and SmartChip](#). See "Settings," p. 66.
2. Scroll to the name to which you want to add a new number or text item and select [Details](#) > [Options](#) > [Add detail](#).
3. To add a number, select [Number](#) and one of the number types.
4. To add another detail, select a text type, an image from tones and graphics, or a new image.
5. To change the number type, scroll to the number you want, and select [Options](#) > [Change type](#). To set the selected number as the default number, select [Set as default](#).
6. Enter the number or text item. To save it, select [Save](#).
7. To return to standby mode, select [Back](#) > [Exit](#).

■ Copy contacts

To copy a name and phone number from the phone memory to the SmartChip card memory, or vice versa, select **Menu** > *Address book* > *Names* > **Options** > *Copy contact*. To move all contacts from the SmartChip card to phone memory, or vice versa, select **Menu** > *Address book* > *Move contacts* or *Copy contacts* > *From phone to SmartChip* or *From SmartChip to phone*. To copy more than one contact, but not all contacts, select **Menu** > *Address book* > *Names* > **Options** > *Mark*. Scroll and mark the contacts you want to move, and select *Move marked* or *Copy marked*.

■ Edit contact details

1. Find the contact you want to edit, select *Details*; and scroll to the name, number, text item, or image you want.
2. To edit a name, number, or text item, or to change image, select **Options** > *Edit*.
You cannot edit an ID when it is on the IM contacts or subscribed names list.

■ Delete contacts or details

To delete all the contacts and the details attached to them from the phone or SmartChip card memory, select **Menu** > *Address Book* > *Delete all contacts* > *From phone memory* or *From SmartChip*. Confirm with the security code.

To delete a contact, find the contact you want, and select **Options** > *Delete contact*.

To delete a number, text item, or an image attached to the contact, find the contact, and select **Details**. Scroll to the desired detail, and select **Options** > *Delete* > *Delete number*, *Delete detail*, or *Delete image*. Deleting an image from contacts does not delete it from *My Stuff*.

■ Business cards

You can send and receive a person's contact information from a compatible device that supports the vCard standard as a business card.

To send a business card, find the contact whose information you want to send and, select **Details** > **Options** > *Send business card* > *Via multimedia*, *Via text message*, or *Via Bluetooth*.

When you have received a business card, select **Show** > *Save* to save the business card in the phone memory. To discard the business card, select **Exit** > *Yes*.

■ Settings

Select [Menu](#) > [Address Book](#) > [Settings](#) and one of the following options:

[Memory in use](#) — to select the SmartChip card or phone memory for your contacts.

Select [Phone and SmartChip](#) to recall names and number from both memories. In that case, when you save names and numbers, they are saved in the phone memory.

[Address book view](#) — to select how the names and numbers in [Address Book](#) are displayed

[Name display](#) — to select whether the contact's first or last name is displayed first

[Font size](#) — to set the font size for the list of contacts

[Check memory](#) — to view the free and used memory capacity

■ Groups

To arrange the names and phone numbers saved in the memory into caller groups with a different ringing tone and a group image, select [Menu](#) > [Address Book](#) > [Groups](#) > [Add](#). Choose a name, image, ringing tone, and select [Save](#). To add contacts to the group, select [View](#) > [Add](#). Scroll to the first contact you want to add and press [Select](#). Select [Add](#) and scroll to the next contact and press [Select](#) until all members are selected. To delete a member, select [Options](#) > [Remove member](#).

■ Speed dial list

To assign a number to a speed dialing key, select [Menu](#) > [Address Book](#) > [Speed dial list](#), and scroll to the speed-dialing number that you want.

Select [Assign](#) or, if a number has already been assigned to the key, select [Options](#) > [Change](#). Select [Find](#) and the contact you want to assign. If the speed dialing function is off, the phone asks whether you want to activate it.

To make a call using speed dialing, see "Speed dialing," p. 23.

■ Service and my numbers

Select [Menu](#) > [Address Book](#) and one of the following options:

[Service numbers](#) — to call the service numbers of your service provider, if the numbers are included on your SmartChip card (network service)

[My numbers](#) — to view the phone numbers assigned to your SmartChip card. This is only shown if the numbers are included on your SmartChip card.

14. Settings

■ Set profiles

Your phone has various settings groups called profiles, for which you can customize the phone tones for different events and environments.

Select [Menu](#) > [Settings](#) > [Set profile](#), and the desired profile and from the following options:

[Activate](#) — to activate the selected profile

[Customize](#) — to customize the profile. Select the setting you want to change, and make the changes.

[Timed](#) — to set the profile to be active until a certain time up to 24 hours, and set the end time. When the time set for the profile expires, the previous profile that was not timed becomes active.

■ Set theme

A theme contains elements for personalizing your phone.

Select [Menu](#) > [Settings](#) > [Set theme](#) and from the following options:

[Select theme](#) — to set a theme. A list of folders in tones and graphics opens.

Open the [Themes](#) folder, and select a theme.

[Themes](#) — to open a list of links to download more themes

■ Tones

You can change the tone settings of the selected active profile.

Select [Menu](#) > [Settings](#) > [Tones](#), or select [Set profile](#) to find the same settings.

To set the phone to ring only for calls from phone numbers that belong to a selected caller group, select [Alert for](#). Scroll to the caller group you want or [All calls](#), and select [Mark](#).

Select [Options](#) > [Save](#) to save the settings or [Cancel](#) to leave the settings unchanged.

If you select the highest ringing tone level, the ringing tone reaches its highest level after a few seconds.

■ Main display

Select [Menu](#) > [Settings](#) > [Main display](#) and from the available options:

[Wallpaper](#) — to add the background image in the standby mode

Active standby — to switch the active standby mode on or off and to organize and personalize the active standby mode.

Standby mode font color — to select the color for the texts in the standby mode

Navigation key icons — to display the icons of the current navigation key shortcuts in the standby mode when active standby is off

Notification details — to display contact information in missed calls and messages received.

Fold animation — to set your phone to display an animation when you open and close the phone

Font size — to set the font size for messaging, contacts and web pages

Operator logo — to set your phone to display or hide the operator logo

■ Mini display

Select **Menu** > **Settings** > **Mini display**. You can change the settings for **Wallpaper**, **Screen saver**, **Power saver**, **Sleep mode**, and **Fold animation**. See "Analog clock," p. 19 to set the analog clock as the screen saver on the Mini display.

■ Set time and date

To change the time, time zone, and date settings, select **Menu** > **Settings** > **Set time/date** > **Date & time settings**, **Date and time format**, or **Auto-update of time** (network service).

When traveling to a different time zone, select **Menu** > **Settings** > **Date & time settings** > **Time zone** and the time zone of your location in terms of the time difference with respect to Greenwich Mean Time (GMT) or Universal Time Coordinated (UTC). The time and date are set according to the time zone and enable your phone to display the correct sending time of received text or multimedia messages. For example, GMT -5 denotes the time zone for New York (USA), 5 hours west of Greenwich/London (UK).

■ My shortcuts

With personal shortcuts you get quick access to often used functions of the phone.

Left selection key

To select a function from the list, select **Menu** > **Settings** > **My shortcuts** > **Left selection key**.

In the standby mode, select **Options** > **Options** and from the following options:

Select options — to add a function to the shortcut list or to remove one

Organize — to rearrange the functions on your personal shortcut list

Right selection key

To select a function from the list, select **Menu** > *Settings* > *My shortcuts* > *Right selection key*.

Navigation key

To assign other phone functions from a predefined list to the navigation key (scroll key), select **Menu** > *Settings* > *My shortcuts* > *Navigation key*.

Active standby key

To select a navigation key to activate the active standby mode, select **Menu** > *Settings* > *My shortcuts* > *Active standby key*.

Voice commands

To call contacts and carry out phone functions, say the voice commands. Voice commands are not language-dependent. To set the language, see *Recognition lang.* in "Phone settings," p. 74.

To select the phone functions to activate with voice commands, select **Menu** > *Settings* > *My shortcuts* > *Voice commands* and a folder. Scroll to a function.  indicates that the voice tag is activated. To activate the voice tag, select **Add**. To play the activated voice command, select **Play**. To use voice commands, see "Enhanced voice dialing," p. 23.

To manage the voice commands, scroll to a phone function, and select from the following options:

Edit or *Remove* — to change or deactivate the voice command of the selected function

Add all or *Remove all* — to activate or deactivate voice commands to all functions in the voice commands list

■ Connectivity

You can connect the phone to a compatible device using a Bluetooth wireless technology or a USB data cable connection. You can also define the settings for EGPRS or 3G dial-up connections.

Bluetooth wireless technology

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: generic access, network access, generic object exchange, hands-free, headset, object push, file transfer, dial-up networking, SIM card access, personal area network profile, service discovery application profile, generic

audio/video distribution, service discovery application profile, advanced audio and distribution profile, audio/video remote control profile, generic audio/video distribution profile, and serial port. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or service provider.

Features using Bluetooth technology or allowing such features to run in the background while using other features, increase the demand on battery power and reduce the battery life.

Bluetooth technology allows you to connect the phone to a compatible Bluetooth device within 10 meters (32 feet). Since devices using Bluetooth technology communicate using radio waves, your phone and the other devices do not need to be in direct line-of-sight, although the connection can be subject to interference from obstructions such as walls or from other electronic devices.

Set up a Bluetooth connection

Select **Menu** > **Settings** > **Connectivity** > **Bluetooth** and from the following options:

Bluetooth > **On** or **Off** — to activate or deactivate the Bluetooth function.  indicates that Bluetooth is activated. When activating Bluetooth technology for the first time, you are asked to give a name for the phone. Use a unique name that is easy for others to identify.

My phone's visibility — to select how your phone's visibility to other devices.

Search audio enhanc. — to search for compatible Bluetooth audio devices.

Select the device that you want to connect to the phone.

Active devices — to view a list of active devices to which you have an active connection

Paired devices — to search for any Bluetooth device in range. Select **New** to list any Bluetooth device in range. Select a device, and **Pair**. Enter an agreed Bluetooth passcode of the device (up to 16 characters) to associate (pair) the device to your phone. You must only give this passcode when you connect to the device for the first time. Your phone connects to the device, and you can start data transfer.

My phone's name — to change the name of your phone, which is visible to other bluetooth devices.

Bluetooth wireless connection

Select [Menu](#) > [Settings](#) > [Connectivity](#) > [Bluetooth](#). To check which Bluetooth connection is currently active, select [Active devices](#). To view a list of Bluetooth devices that are currently paired with the phone, select [Paired devices](#).

Bluetooth settings

To define how your phone is shown to other Bluetooth devices, select [Menu](#) > [Settings](#) > [Connectivity](#) > [Bluetooth](#) > [My phone's visibility](#) or [My phone's name](#).

If you are concerned about security, turn off the Bluetooth function, or select [My phone's visibility](#) > [Hidden](#). Always accept only Bluetooth communication from others with whom you agree.

Packet data

General packet radio service (GPRS) or 3G are network services that allow mobile phones to send and receive data over an internet protocol (IP)-based network.

To define how to use the service, select [Menu](#) > [Settings](#) > [Connectivity](#) > [Packet data](#) > [Packet data conn.](#) and from the following options:

[When needed](#) — to set the packet data connection to established when an application needs it. The connection is closed when the application is terminated.

[Always online](#) — to set the phone to automatically connect to a packet data network when you switch the phone on

Modem settings

You can connect the phone using Bluetooth wireless technology or USB data cable connection to a compatible PC and use the phone as a modem to enable GPRS Or 3G connectivity from the PC.

To define the settings for connections from your PC, select [Menu](#) > [Settings](#) > [Connectivity](#) > [Packet data](#) > [Packet data settings](#) > [Active access point](#), and activate the access point you want to use. Select [Edit active access pt.](#) > [Packet data acc. pt.](#), enter a name to change the access point settings, and select [OK](#). Select [Packet data acc. pt.](#), enter the access point name (APN) to establish a connection to an network, and select [OK](#).

You can also set the EGPRS dial-up service settings (access point name) on your PC using the Nokia Modem Options software. See "Nokia PC Suite," p. 77. If you have set the settings both on your PC and on your phone, the PC settings are used.

Data transfer

Synchronize your calendar, contacts data, and notes with another compatible device (for example, a mobile phone), a compatible PC, or a remote Internet server (network service).

Your phone allows data transfer with a compatible PC or another compatible device when using the phone without a SmartChip card.

Transfer contact list

To copy or synchronize data from your phone, the name of the device and the settings must be in the list of transfer contacts. If you receive data from another device (for example, a compatible mobile phone), the corresponding transfer contact is automatically added to the list, using the contact data from the other device. [Server sync](#) and [PCsynchronisation](#) are the original items in the list.

To add a new transfer contact to the list (for example a mobile phone), select [Menu](#) > [Settings](#) > [Connectivity](#) > [Data transfer](#) > [Options](#) > [Add transfer contact](#) > [Phone synchronisation](#) or [Phone copy](#), and enter the settings according to the transfer type.

To edit the copy and synchronize settings, select a contact from the transfer contact list and [Options](#) > [Edit](#).

To delete a transfer contact, select it from the transfer contact list, select [Options](#) > [Delete](#).

Data transfer with a compatible device

For synchronization use Bluetooth wireless technology or a cable connection. The other device must be activated for receiving data.

To start data transfer, select [Menu](#) > [Settings](#) > [Connectivity](#) > [Data transfer](#) and the transfer contact from the list, other than [Server sync](#) or [PC synchronisation](#). According to the settings, the selected data is copied or synchronized.

Synchronize from a compatible PC

To synchronize data from calendar, notes, and contacts, install the Nokia PC Suite software for your phone on the PC. Use Bluetooth wireless technology or a USB data cable for the synchronization, and start the synchronization from the PC.

Synchronize from a server

To use a remote internet server, subscribe to a synchronization service. For more information and the settings required for this service, contact your service provider. You may receive the settings as a configuration message. See "Configuration settings service," p. 8 and "Configuration," p. 75.

To start the synchronization from your phone, select **Menu** > **Settings** > **Connectivity** > **Data transfer** > **Server sync**. Depending on the settings, select **Initialising syn-chronisation** or **Initialising copy**.

Synchronizing for the first time or after an interrupted synchronization may take up to 30 minutes to complete.

USB data cable

You can use the CA-101 USB data cable to transfer data between the phone and a compatible PC. You can also use the USB data cable with Nokia PC Suite.

To activate the phone for data transfer or image printing, connect the data cable. Confirm **USB data cable connected. Select mode**, and select from the following options:

Nokia mode — to use the phone to interact with applications on a PC that has Nokia PC Suite

Music sync — to connect the phone to a PC to synchronize it with Windows Media Player (music, video)

Data storage — to connect to a PC that does not have Nokia software and use the phone as a data storage

To change the USB mode, select **Menu** > **Settings** > **Connectivity** > **USB data cable** > **Nokia mode**, **Music sync**, or **Data storage**.

■ Call settings

Select **Menu** > **Settings** > **Call** settings and from the following options:

Call forwarding — to forward your incoming calls (network service). You may not be able to forward your calls if some call restriction functions are active. See **Call restrictions** in "Security," p. 76.

Anykey answer > **On** — to answer an incoming call by briefly pressing any key, except the power key, the camera key, the left and right selection keys, or the end key

Automatic redial > **On** — to make a maximum of 10 attempts to connect the call after an unsuccessful call attempt

Speed dialing > **On** — to dial the names and phone numbers assigned to the speed-dialing keys 2 to 9 by pressing and holding the corresponding number key

Call waiting > **Activate** — to have the network notify you of an incoming call while you have a call in progress (network service). See "Call waiting," p. 24.

Summary after call > **On** — to briefly display the approximate duration and cost (network service) of the call after each call

Send my caller ID > Yes — to show your phone number to the person you are calling (network service). To use the setting agreed upon with your service provider, select *Set by network*.

Answ. if fold opened > On — to answer an incoming call by opening the fold

■ Phone settings

Select *Menu > Settings > Phone settings* and from the following options:

Language settings — to set the display language of your phone, select *Phone language*. *Automatic* selects the language according to the information on the SmartChip card. To set a language for the voice playback, select *Recognition lang*. See "Enhanced voice dialing," p. 23 and *Voice commands* in "My shortcuts," p. 68.

Check memory — to view the amount of used and available phone memory

Automatic keyguard — to set the keypad of your phone to lock automatically after a preset time delay when the phone is in the standby mode and no function of the phone has been used. Select *On*, and set the time.

Security keyguard — to set the phone to ask for the security code when you unlock the keyguard. Enter the security code, and select *On*.

Welcome note — to write the note that is shown when the phone is switched on

Software updates — to update phone software or check the current software

Network mode — to select dual mode (UMTS and GSM), UMTS, or GSM. You cannot access this option during an active call.

Help text activation — to select whether the phone shows help texts

Start-up tone > On — the phone plays a tone when switched on

Switch off tone > On — the phone plays a tone when switched off

Fold close handling — to select whether to return to standby mode or keep all applications open when the fold is closed

Flight query > On — the phone asks whether to use the flight profile every time when switched on. With flight profile all radio connections are switched off. The flight profile should be used in areas sensitive to radio emissions.

■ Enhancements

This menu or the following options are shown only if the phone is or has been connected to a compatible mobile enhancement.

Select *Menu > Settings > Enhancements*. Select an enhancement, and depending on the enhancement, from the following options:

TTY/TDD — to set the phone on or off for TTY/TDD communication

Charger > Default profile — to select the profile that you want to be automatically activated when you connect to the selected enhancement

Charger > Lights — to set the lights permanently on. Select *Automatic* to set the lights on for 15 seconds after a keypress.

Hearing aid > T-coil hrng. aid mode > On to optimize the sound quality when using a t-coil hearing aid.  is shown when the T-coil hearing aid mode is active.

Headphones — to select the activated profile when a headset is connected.

■ Configuration

You can configure your phone with settings required for certain services to function correctly. Your service provider may also send you these settings. See "Configuration settings service," p. 8.

Select *Menu > Settings > Configuration* and from the following options:

Default config. sett. — to view the service providers saved in the phone. To set the configuration settings of the service provider as default settings, select *Options > Set as default*.

Activ. def. in all apps. — to activate the default configuration settings for supported applications

Preferred access pt. — to view the saved access points. Scroll to an access point, and select *Options > Details* to view the name of the service provider, data bearer, and packet data access point or GSM dial-up number.

Connect to support — to download the configuration settings from your service provider

Device manager sett. — to select when to allow service software updates

Personal config. sett. — to add new personal accounts for various services manually, and to activate or delete them. To add a new personal account if you have not added any, select *Add*; otherwise, select *Options > Add new*. Select the service type, and select and enter each of the required parameters. The parameters differ according to the selected service type. To delete or activate a personal account, scroll to it, and select *Options > Delete* or *Activate*.

■ Security

When security features that restrict calls are in use (such as call restriction and fixed dialing) calls still may be possible to the official emergency number programmed into your device.

Select **Menu** > **Settings** > **Security** and from the following options:

PIN code request — to set the phone to ask for your PIN code every time the phone is switched on. Some SmartChip cards do not allow the code request to be turned off.

Call restrictions — to restrict incoming calls to and outgoing calls from your phone (network service). A restriction password is required.

Fixed dialing — to restrict your outgoing calls to selected phone numbers if this function is supported by your SmartChip card. When the fixed dialing is on, GPRS connections are not possible except while sending text messages over a GPRS connection. In this case, the recipient's phone number and the message center number must be included in the fixed dialing list.

Security level > Phone — to set the phone to ask for the security code whenever a new SmartChip card is inserted into the phone. If you select **Memory**, the phone asks for the security code when the SmartChip card memory is selected, and you want to change the memory in use.

Access codes — to change the security code, PIN code, UPIN code, PIN2 code, or restriction password

Code in use — to select whether the PIN code or UPIN code should be active

PIN2 code request — to select whether the PIN2 code is required when using a specific phone feature which is protected by the PIN2 code. Some SmartChip cards do not allow the code request to be turned off.

Authority certificates — to view the list of the authority certificates downloaded into your phone. See "Certificates," p. 51.

User certificates — to view the list of the user certificates downloaded into your phone. See "Certificates," p. 51.

Security module sett. — to view **Secur. module details**, select **Module PIN request**, or change the module PIN and signing PIN. See also "Access codes," p. 8.

■ Reset device

To reset some of the menu settings to their original values, select **Menu** > **Settings** > **Reset device**. Enter the security code. If you have not created a security code, the phone will prompt you to create one. The names and phone numbers saved in the address book, are not deleted.

15. PC connectivity

You can send and receive e-mail, and access the Internet when your phone is connected to a compatible PC through a Bluetooth or a data cable connection. You can use your phone with a variety of PC connectivity and data communications applications.

■ Nokia PC Suite

With Nokia PC Suite you can synchronize contacts, calendar, notes, and to-do notes between your phone and the compatible PC or a remote internet server (network service). You may find more information and PC Suite on the Nokia website at www.nokia.com/support or your local Nokia website.

■ Packet data, HSCSD, and CSD

With your phone you can use the packet data, high-speed circuit switched data (HSCSD), and circuit switched data (CSD, GSM data) data services. For availability and subscription to data services, contact your network operator or service provider. See "Modem settings," p. 71.

The use of HSCSD services consumes the phone battery faster than normal voice or data calls.

■ Bluetooth

Use the Bluetooth technology to connect your compatible laptop to the internet. Your phone must have activated a service provider that supports internet access and your PC has to support Bluetooth PAN (personal area network). After connecting to the network access point (NAP) service of the phone and pairing with your PC your phone automatically opens a packet data connection to the internet. PC Suite software installation is not necessary when using the NAP service of the phone.

See "Bluetooth wireless technology," p. 69.

■ Data communication applications

For information on using a data communication application, refer to the documentation provided with it.

Making or answering phone calls during a computer connection is not recommended, as it might disrupt the operation.

For better performance during data calls, place the phone on a stationary surface with the keypad facing downward. Do not move the phone by holding it in your hand during a data call.

16. Battery and charger information

■ Charging and discharging

Your device is powered by a rechargeable battery. The battery intended for use with this device is the BL-5C. This device is intended for use when supplied with power from the following chargers: AC-3U, AC-4U, or AC-5U. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device. Use only replacement batteries qualified with the device per the IEEE-1725-2006 standard. Use of other batteries or chargers may present a risk of fire, explosion, leakage, or other hazard.

If a battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

Always switch the device off and disconnect the charger before removing the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily. Battery performance is particularly limited in temperatures well below freezing.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Do not dismantle, cut, open, crush, bend, deform, puncture, or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of such a leak, flush your skin or eyes immediately with water, or seek medical help.

Do not modify or remanufacture, attempt to insert foreign objects into the battery or immerse or expose it to water or other liquids.

Improper battery use may result in a fire, explosion, or other hazard. If the device or battery is dropped, especially on a hard surface, and you believe the battery has been damaged, take it to a service center for inspection before continuing to use it.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.

■ Nokia battery authentication

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorized Nokia dealer, and inspect the hologram label using the following steps:

Successful completion of the steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic, original Nokia battery, you should refrain from using it, and take it to the nearest authorized Nokia service point or dealer for assistance. Your authorized Nokia service point or dealer will inspect the battery for authenticity. If authenticity cannot be verified, return the battery to the place of purchase.

Authenticate hologram

1. When looking at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.
2. When you angle the hologram left, right, down, and up, you should see 1, 2, 3, and 4 dots on each side respectively.



What if your battery is not authentic?

If you cannot confirm that your Nokia battery with the hologram on the label is an authentic Nokia battery, please do not use the battery. Take it to the nearest authorized Nokia service point or dealer for assistance. The use of a battery that is not approved by the manufacturer may be dangerous and may result in poor performance and damage to your device and its enhancements. It may also invalidate any approval or warranty applying to the device.

To find out more about original Nokia batteries, visit www.nokia.com/battery.

Care and maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Do not touch the main display with hard or angular materials. Objects like earrings or jewelry may scratch the display.
- Use a soft, clean, dry cloth to clean any lenses (such as camera, proximity sensor, and light sensor lenses).
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.
- Always create a backup of data you want to keep (such as contacts and calendar notes) before sending your device to a service facility.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

All of the above suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorized service facility for service.

Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

■ Operating environment

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inch) away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

To transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

■ Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Implanted medical devices

Manufacturers of medical devices recommend that a minimum separation of 15.3 centimeters (6 inches) should be maintained between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator to avoid potential interference with the medical device. Persons who have such devices should:

Additional safety information

- Always keep the wireless device more than 15.3 centimeters (6 inches) from the medical device when the wireless device is turned on
- Do not carry the wireless device in a breast pocket
- Hold the wireless device to the ear opposite the medical device to minimize the potential for interference.
- Turn the wireless device off immediately if there is any reason to suspect that interference is taking place.
- Read and follow the directions from the manufacturer of their implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added.

Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

■ Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust, or metal powders.

■ Emergency calls



Important: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call:

1. If the device is not on, switch it on. Check for adequate signal strength.
Some networks may require that a valid SmartChip card is properly inserted in the device.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. If the device is in the offline or flight mode, you must change the profile to activate the phone function before you can make an emergency call. Consult this guide or your service provider for more information.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

■ Hearing aid compatibility (HAC)



Warning: For hearing aid compatibility, you must turn off the Bluetooth connectivity.

Your mobile device model complies with FCC rules governing hearing aid compatibility. These rules require an M3 microphone or higher value. The M-value, shown on the device box, refers to lower radio frequency (RF) emissions. A higher M-value generally indicates that a device model has a lower RF emissions level, which may improve the likelihood that the device will operate with certain hearing aids. Some hearing aids are more immune than others are to interference. Please consult your hearing health professional to determine the M-rating of your hearing aid and whether your hearing aid will work with this device. More information on accessibility can be found at www.nokiaaccessibility.com.

■ Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the IEEE guidelines is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the FCC guidelines for use of the device at the ear is 1.25 W/kg and when worn properly on the body is 0.88 W/kg.

Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.nokia.com.

This phone model is not authorized for use in the European Union and the EFTA countries.

Index

A

- access codes 8
- accessories. See enhancements.
- active standby 20, 68
- Address Book 64
- alarm clock 60
- alert tone and message 61
- alerts 42
- analog clock 19
- analog clock Mini display 19
- antenna 15
- applications 56
- AT&T Mall 53
- AT&T Music 54
- audio message 36

B

- battery
 - authentication 79
 - charging 13
 - charging, discharging 78
 - installation 10
- battery charge status 19
- Bluetooth 77
- Bluetooth connectivity 69
- bookmarks 48
- browser 47, 49
- business cards 65

C

- cache memory 50
- calculator 62
- calendar 61
- calendar note 34
- call
 - counters 46
 - functions 23

- options 24
 - settings 73
 - timers 46
 - voice mail 43
 - waiting 24
- call key 17
- caller groups 66
- calls 23, 24, 46
- calls made 46
- calls received 46
- camera 57
 - effects 58
 - record a video clip 58
 - settings 58
 - take a photo 57
- camera and video key 17
- certificates 51
- certification information 84
- character case 30
- charge the battery 13
- charger connector 17
- charger lights 75
- clock 19
- clock settings 68
- codes 8
- configuration 75
 - setting service 8
- contact information 9
- contacts 64
- cookies 49
- countdown timer 63
- customer service 9

D

- data
 - communication 77
 - transfer 72
- data cable 73

I n d e x

- date settings 68
- define a storage folder 60
- delete
 - contact details 65
 - contacts 65
 - messages 43
- dialing 66
- digital signature 52
- downloads 9, 50

E

- earpiece 17
- edit contact details 65
- EGPRS 71
- e-mail 40–42
- emergency calls 83
- end call 23
- end key and power key 17
- enhancements 7, 74
- equalizer 60
- explosive environments 83

F

- factory settings 76
- flight mode 21
- fold animation 68
- folders
 - define for storage 60
 - outbox 35
 - saved items 36
 - sent items 36
- font size 68

G

- games 56
- Games & Applications 55
- GPRS 71
- groups 66

H

- handsfree. See loudspeaker.
- headset connector 17
- hearing aid 82
- hearing aid compatibility 84

I

- IM 37
- indicators 20
- installation
 - battery 10
 - SmartChip card 10
- instant messaging 37
- internet 47

K

- key functions 18
- keyguard 21
- keypad 17
- keypad lock 21
- keys 21

L

- language options 32
- language settings 74
- left selection key 17
- list of recordings 60
- loudspeaker 24

M

- main display 17, 19, 67
- maintenance 80
- MEdia Net 47, 48
- MEdia net key 17
- memory
 - capacity 55
 - full 35, 44
 - SmartChip 64
 - status 66

- memory card 12, 55
- memory in use 66
- menu 25
- message center number 32
- message length indicator 32
- message settings 44
- messages
 - audio 36
 - cancel sending 35
 - multimedia 34, 45
 - read and reply 35
 - sending 35
 - SmartChip 33
 - templates 36
 - text 32
- Micro USB connector 17
- mini display 18, 68
- missed calls 46
- multimedia message settings 44
- multimedia messages 34, 45
- music player 58, 59
- Music sync 73
- my numbers 66
- My Stuff 55

N

- names 64
- Navi key 17
- navigation 25
- navigation key 69
- network
 - name on display 18, 19
 - services 6
- network mode 18, 19
- Nokia contact information 9
- note alarm 61
- note creation 61
- notes 62

O

- offline mode 22

P

- pacemakers 81
- packet data 71, 77
- parts 17
- PC connectivity 77
- PC Suite 77
- phone
 - configuration 75
 - keys 17
 - open 14
 - parts 17
 - settings 74
- phone lock. See keypad lock.
- phonebook 64
- PIN codes 8, 14
- play music 58
- predictive text input 30
- PTT 26
- PTT key 17
- PUK codes 8
- Push to Talk 26
- Push to Talk. See PTT.
- pushed messages 50

R

- read text message 33
- received calls 46
- record a call 59
- recordings list 60
- reply to a text message 33
- restriction password 8
- right selection key 17
- ringing tones 55, 67

S

- safety information 5, 81
- SAR 84
- save names 64
- save numbers 64
- scrolling 25

I n d e x

- security
 - codes 8
 - module 51
 - settings 76
 - send multimedia message 34
 - send text message 32
 - service
 - commands 43
 - inbox 50
 - messages 50
 - numbers 66
 - service numbers 66
 - services 47
 - set profiles 67
 - settings
 - active standby 68
 - call 73
 - camera 58
 - clock 68
 - configuration 75
 - connectivity 69
 - contacts 66
 - data transfer 72
 - date 68
 - downloads 50
 - enhancements 74
 - fold animation 68
 - GPRS, EGPRS 71
 - main display 67
 - messages 44
 - mini display 68
 - my shortcuts 68
 - phone 74
 - profiles 67
 - PTT 29
 - restore factory settings 76
 - security 76
 - service inbox 50
 - themes 67
 - time 68
 - tones 67
 - USB data cable 73
 - wallpaper 67
 - shared memory 7
 - shortcuts 68
 - signal strength 18, 19
 - SmartChip
 - card 22
 - card installation 10
 - speed dial list 66
 - speed dialing 23
 - standby mode 18, 68
 - status indicators 18, 19
 - stereo widening 60
 - stopwatch 63
 - strap 16
 - subscribed names list 65
 - switch on and off 14
 - synchronization 72
- ## T
- take a photo 57
 - templates 36
 - text 30, 31
 - text message
 - e-mail 33
 - templates 36
 - text message settings 44
 - text messages 32
 - themes 67
 - time settings 68
 - timer 63
 - to-do list 62
 - tones 67
 - Tones & Graphics 55
 - tools 60
 - traditional text input 31

U

unlock keypad 21
UPIN 14

V

vehicles 82
video clip 58
video key 17
voice
 commands 69
 dialing 23
voice mail 43
voice recorder 59

W

wallpaper 67
wireless markup language 47
wrist strap 16
write multimedia message 34
write text 30
write text message 32

X

XHTML 47

Notes

Warranty and reference information

1. Contact Nokia	3
Get help	4
Find your phone label	4
Updates.....	4
Register your phone.....	4
E-newsletters.....	4
2. Nokia One-Year Limited Warranty.....	5
3. Message from the CTIA.....	9
4. Message from the FDA.....	12

LEGAL INFORMATION

Part No. 9241365, Issue No. 2

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1. Contact Nokia

If you ever need to call Nokia Care Contact Center, you will need to provide specific information about your phone. Whether you are calling about your device or an enhancement, have the equipment with you when you call. If a Nokia representative asks a specific question about the enhancement, you will have it available for quick reference.

Nokia Care Contact Center, USA**Nokia Inc.**

4630 Woodland Corporate Blvd.

Suite #160

Tampa, Florida 33614

Tel: 1-888-NOKIA-2U

(1-888-665-4228)

Fax: 1-813-249-9619

Web site: www.nokiausa.com/support**In Canada call:**

Tel: 1-888-22-NOKIA

(1-888-226-6542)

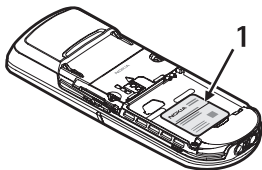
Web site: www.nokia.ca**For TTY/TDD users only:**

1-800-24-NOKIA (1-800-246-6542)

■ Get help

Find your phone label

If you need to call the Nokia Care Contact Center or your service provider, you will need to provide specific information about your phone. This information is provided on the phone label (1), which is on the back of the phone (under the battery). It contains the model and serial numbers, as well as other important information about your phone.



To help Nokia promptly answer your questions, please have the following information available before contacting the Nokia Care Contact Center:

- Your phone model number
- Type number
- International mobile equipment identity (IMEI) or electronic serial number (ESN)
- Your zip code
- The phone or enhancement in question

■ Updates

Check www.nokiausa.com/support or your local Nokia Web site for the latest version of this guide, additional information, downloads, and services related to your Nokia product. You may also download free configuration settings such as MMS, GPRS, e-mail, and other services for your phone model at www.nokiausa.com/phonesettings.

If you still require assistance, check the list of local Nokia contact centers at www.nokiausa.com/customerservice or www.nokiausa.com/contact_us.

■ Register your phone

Make sure to register your phone at www.warranty.nokiausa.com or call 1-888-NOKIA-2U (1-888-665-4228) so that we can serve your needs better if you should need to call a customer center or to have your phone repaired.

■ E-newsletters

When you register your phone, you can sign up for the Nokia e-newsletter, Nokia Connections. You will receive tips and tricks on using your phone, enhancement information, and special offers.

2. Nokia One-Year Limited Warranty

Nokia Inc. ("Nokia") warrants that this cellular phone ("Product") is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:

1. The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product. This one year period is extended by each whole day that the Product is out of your possession for repair under this warranty.
2. The limited warranty extends only to the original purchaser ("Consumer") of the Product and is not assignable or transferable to any subsequent purchaser/end-user.
3. The limited warranty extends only to Consumers who purchase the Product in the United States of America.
4. During the limited warranty period, Nokia will repair, or replace, at Nokia's sole option, any defective parts, or any parts that will not properly operate for their intended use with new or refurbished replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. No charge will be made to the Consumer for any such parts. Nokia will also pay for the labor charges incurred by Nokia in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. Nokia's limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. Nokia shall not be liable for any other losses or damages. These remedies are the Consumer's exclusive remedies for breach of warranty.
5. Upon request from Nokia, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.
6. The Consumer shall bear the cost of shipping the Product to Nokia. Nokia shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty.
7. The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:
 - a) The Product has been subjected to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Nokia, including damage caused by shipping.

- b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, damage caused by computer or internet viruses, bugs, worms, Trojan Horses, cancelbots or damage caused by the connection to other products not recommended for interconnection by Nokia.
 - c) Nokia was not advised in writing by the Consumer of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.
 - d) The Product serial number plate or the enhancement data code has been removed, defaced or altered.
 - e) The defect or damage was caused by the defective function of the cellular system or by inadequate signal reception by the external antenna, or viruses or other software problems introduced into the Product.
8. Nokia does not warrant uninterrupted or error-free operation of the Product. If a problem develops during the limited warranty period, the Consumer shall take the following step-by-step procedure:
- a) The Consumer shall return the Product to the place of purchase for repair or replacement processing.
 - b) If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer shall ship the Product prepaid and insured to Nokia. See www.nokiausa.com/support for the address of the repair center nearest you.
 - c) The Consumer shall include a return address, daytime phone number and/or fax number, complete description of the problem, proof of purchase and service agreement (if applicable). Expenses related to removing the Product from an installation are not covered under this limited warranty.
 - d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.
 - e) Nokia will repair the Product under the limited warranty within 30 days after receipt of the Product. If Nokia cannot perform repairs covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, Nokia at its option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage. In some states the Consumer may have the right to a loaner if the repair of the Product takes more than ten (10) days.

Please contact the Nokia Care Contact Center at the telephone number listed at the end of this warranty if you need a loaner and the repair of the Product has taken or is estimated to take more than ten (10) days.

- f) If the Product is returned during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned after the expiration of the limited warranty period, Nokia's normal service policies shall apply and the Consumer will be responsible for all shipping charges.
- 9. You (the Consumer) understand that the product may consist of refurbished equipment that contains used components, some of which have been reprocessed. The used components comply with Product performance and reliability specifications.
- 10. ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF DATA, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF NOKIA KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. NOKIA SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.
- 11. Some states do not allow limitation of how long an implied warranty lasts, so the one year warranty limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights which vary from state to state.

Nokia One-Year Limited Warranty

12. Nokia neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.
13. This is the entire warranty between Nokia and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, relating to the Product, and no representation, promise or condition not contained herein shall modify these terms.
14. This limited warranty allocates the risk of failure of the Product between the Consumer and Nokia. The allocation is recognized by the Consumer and is reflected in the purchase price.
15. Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following purchase of the Product.
16. Questions concerning this limited warranty may be directed to:
Nokia Inc.
Telephone: 1-888-NOKIA-2U (1-888-665-4228)
Facsimile: (813) 249-9619
TTY/TDD Users Only: 1-800-24-NOKIA (1-800-246-6542)
Website: www.nokiausa.com/support

3. Message from the CTIA

(Cellular Telecommunications & Internet Association) to all users of mobile phones

© 2001 Cellular Telecommunications & Internet Association. All Rights Reserved.
1250 Connecticut Avenue, NW Suite 800, Washington, DC 20036.
Phone: (202) 785-0081

Safety is the most important call you will ever make.

■ A Guide to Safe and Responsible Wireless Phone Use

Tens of millions of people in the U.S. today take advantage of the unique combination of convenience, safety and value delivered by the wireless telephone. Quite simply, the wireless phone gives people the powerful ability to communicate by voice—almost anywhere, anytime—with the boss, with a client, with the kids, with emergency personnel or even with the police. Each year, Americans make billions of calls from their wireless phones, and the numbers are rapidly growing. But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle—whether on the phone or not. The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense—keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit. It means using seatbelts and requiring other passengers to do the same. But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need. When it comes to the use of wireless phones, safety is your most important call.

■ Wireless Phone "Safety Tips"

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember.

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to do" list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip—dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix—they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations—with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless nonemergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications Industry Association and the wireless industry have conducted educational outreach to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely. The wireless industry reminds you to use your phone safely when driving. For more information, please call 1-888-901-SAFE.

For updates:

<http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85>

4. Message from the FDA

The U.S. Food and Drug Administration (FDA) provides the following consumer information about wireless phones.

See <http://www.fda.gov/cellphones/> for updated information.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency

- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency

energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

How does FCC Audit Cell Phone RF?

After FCC grants permission for a particular cellular telephone to be marketed, FCC will occasionally conduct "post-grant" testing to determine whether production versions of the phone are being produced to conform with FCC regulatory requirements. The manufacturer of a cell phone that does not meet FCC's regulatory requirements may be required to remove the cell phone from use and to refund the purchase price or provide a replacement phone, and may be subject to civil or criminal penalties. In addition, if the cell phone presents a risk of injury to the user, FDA may also take regulatory action. The most important post-grant test, from a consumer's perspective, is testing of the RF emissions of the phone. FCC measures the Specific Absorption Rate (SAR) of the phone, following a very rigorous testing protocol. As is true for nearly any scientific measurement, there is a possibility that the test measurement may be less than or greater than the actual RF emitted by the phone. This difference between the RF test measurement and actual RF emission is because test measurements are limited by instrument accuracy, because test measurement and actual use environments are different, and other variable factors. This inherent variability is known as "measurement uncertainty." When FCC conducts post-grant testing of a cell phone, FCC takes into account any measurement uncertainty to determine whether regulatory action is appropriate. This approach ensures that when FCC takes regulatory action, it will have a sound, defensible scientific basis.

FDA scientific staff reviewed the methodology used by FCC to measure cell phone RF, and agreed it is an acceptable approach, given our current understanding of the risks presented by cellular phone RF emissions. RF emissions from cellular phones have not been shown to present a risk of injury to the user when the measured SAR is less than the safety limits set by FCC (an SAR of 1.6 w/kg). Even in a case where

the maximum measurement uncertainty permitted by current measurement standards was added to the maximum permissible SAR, the resulting SAR value would be well below any level known to produce an acute effect. Consequently, FCC's approach with measurement uncertainty will not result in consumers being exposed to any known risk from the RF emitted by cellular telephones.

FDA will continue to monitor studies and literature reports concerning acute effects of cell phone RF, and concerning chronic effects of long-term exposure to cellular telephone RF (that is, the risks from using a cell phone for many years). If new information leads FDA to believe that a change to FCC's measurement policy may be appropriate, FDA will contact FCC and both agencies will work together to develop a mutually-acceptable approach.

Updated July 29, 2003

Garantía e información de referencia

1. Contacto con Nokia	19
Solicitar ayuda.....	20
Localizar la etiqueta de su teléfono.....	20
Actualizaciones	20
Registre su teléfono.....	20
Boletines electrónicos.....	20
2. Garantía Limitada Nokia de Un (1) Año	21
3. Mensaje de la CTIA.....	25
4. Mensaje de la FDA.....	28

INFORMACIÓN LEGAL

Parte No. 9241365, Edición No. 2

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1. Contacto con Nokia

Si por alguna razón necesita llamar al Centro de Atención Nokia Care, deberá proveer datos específicos sobre su teléfono. Si está llamando sobre su dispositivo o un accesorio, téngalo a la mano al hacer la llamada. De esta forma, si un representante de Nokia se le pregunta sobre el accesorio, lo tendrá para fácil referencia.

**Centro de Atención
Nokia Care, EE.UU****Nokia Inc.**

4630 Woodland Corporate Blvd.

Suite #160

Tampa, Florida 33614

Tel: 1-888-NOKIA-2U

(1-888-665-4228)

Fax: 1-813-249-9619

Pág. Web: www.nokiausa.com/support**En Canadá:**

Tel: 1-888-22-NOKIA

(1-888-226-6542)

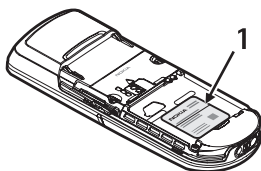
Pág. Web: www.nokia.ca**Sólo para usuarios de TTY/TDD:**

1-800-24-NOKIA (1-800-246-6542)

■ Solicitar ayuda

Localizar la etiqueta de su teléfono

Si necesita llamar al Centro de Atención Nokia Care o proveedor de servicio, tendrá que proveer información específica sobre su teléfono. Esta información está en la etiqueta del teléfono (1), que se encuentra en la parte posterior del teléfono (debajo de la batería). Contiene el número de modelo y números seriales, al igual que otra información importante sobre su teléfono.



Para que Nokia pueda responder a sus preguntas de manera rápida, favor de tener disponible la siguiente información antes de llamar al Centro de Atención Nokia Care:

- El número de modelo de su teléfono
- Tipo
- Identificación del Equipo Móvil Internacional (IMEI) o Número Electrónico de Serie (ESN)
- Su código postal
- El teléfono o accesorio en cuestión

■ Actualizaciones

Visite www.nokiausa.com/support o su página Web local de Nokia para obtener la versión más reciente de este manual, información adicional, descargas y servicios relacionados a su producto Nokia. También podría descargar ajustes de configuraciones gratuitos tal como MMS, GPRS, email y otro servicios para su modelo de teléfono en www.nokiausa.com/phonesettings.

Si aún necesita ayuda, consulte la lista local de Centros de Servicio al Cliente Nokia en www.nokiausa.com/customerservice o www.nokiausa.com/contact_us.

■ Registre su teléfono

Asegúrese de registrar su teléfono en www.warranty.nokiausa.com o llame al 1-888-NOKIA-2U (1-888-665-4228) para poder servirle mejor si necesita llamar al centro de servicio o reparar su teléfono.

■ Boletines electrónicos

Al registrar su teléfono, podrá subscribirse al boletín electrónico de Nokia, Nokia Connections. Recibirá datos o instrucciones sobre cómo usar su teléfono, accesorio y ofertas especiales.

2. Garantía Limitada Nokia de Un (1) Año

Nokia Inc. ("Nokia") garantiza que este teléfono celular ("Producto") está libre de defectos en materiales y mano de obra los cuales generan averías durante su uso normal, de acuerdo a los siguientes términos y limitaciones:

1. La garantía limitada para el Producto cubre UN (1) año a partir de la fecha de compra del Producto. El período de garantía de un año tiene una prórroga dependiendo de cuántos días el Comprador no tendrá acceso al teléfono debido a la reparación amparada por dicha garantía.
2. La garantía limitada ampara al Comprador original ("Comprador") del Producto y no es ni asignable ni transferible a cualquier subsiguiente comprador/consumidor final.
3. La garantía limitada ampara únicamente a los Compradores que hayan comprado el Producto en los Estados Unidos de América.
4. Durante el período de la garantía limitada, Nokia reparará o repondrá, a elección de Nokia, cualquier parte o piezas defectuosas, o que no cumplan apropiadamente con su función original, con partes nuevas o reconstruidas si dichas partes nuevas o reconstruidas son necesarias debido al mal funcionamiento o avería durante su uso normal. No se aplicará ningún cargo al Comprador por dichas partes. Nokia pagará también los costos de mano de obra que Nokia incurra en la reparación o reemplazo de las partes defectuosas. La garantía limitada no ampara los defectos en hechura, las partes cosméticas, decorativas o artículos estructurales, tampoco el marco, ni cualquier parte inoperativa. El límite de responsabilidad de Nokia bajo la garantía limitada será el valor actual en efectivo del Producto en el momento que el Comprador devuelva el Producto para la reparación, que se determina por el precio que el Comprador pagó por el Producto menos una cantidad razonable deducida por el tiempo de uso del Producto. Nokia no será responsable de cualquier otra pérdida o perjuicio. Estos remedios son los remedios exclusivos del Comprador para la violación de la garantía.
5. A solicitud de Nokia, el Comprador deberá comprobar la fecha de la compra original del Producto mediante un resguardo con fecha de la compra del Producto.
6. El Comprador deberá asumir el costo de transportación del Producto a Nokia. Nokia asumirá el costo del embarque de regreso del Producto al Comprador una vez completado el servicio bajo esta garantía limitada.

7. El Comprador no tendrá derecho a aplicar esta garantía limitada ni a obtener ningún beneficio de la misma si cualquiera de las siguientes condiciones es aplicable:
- a) El Producto haya sido expuesto a: uso anormal, condiciones anormales, almacenamiento inapropiado, exposición a la humedad, modificaciones no autorizadas, conexiones no autorizadas, reparaciones no autorizadas, mal uso, descuido, abuso, accidente, alteración, instalación inadecuada, u otros actos que no sean culpa de Nokia, incluyendo daños ocasionados por embarque.
 - b) El Producto haya sido estropeado debido a causas externas tales como, colisión con otro objeto, incendios, inundaciones, arena, suciedad, huracán, relámpagos, terremoto o deterioro causado por condiciones meteorológicas, factores de fuerza mayor o drenaje de batería, robo, fusible roto, o uso inapropiado de cualquier fuente de energía; daños causados por cualquier tipo de virus, errores, gusanos, Caballos de Troya, robo de cancelación (Cancelbots) o perjuicio causado por una conexión a otros productos no recomendados por Nokia para la interconexión.
 - c) Nokia no haya sido avisado por escrito por el Comprador del supuesto o mal funcionamiento del Producto dentro del período de catorce (14) días después de la caducidad del período de la aplicable garantía limitada.
 - d) La placa del número de serie del Producto o el código de dato del accesorio haya sido quitado, borrado o alterado.
 - e) El defecto o daño haya sido causado por un funcionamiento defectuoso del sistema celular, o por una inadecuada recepción de señal de la antena exterior, o por cualquier tipo de virus u otros problemas de software que haya sido introducido en el Producto.
8. Nokia no garantiza ni un funcionamiento ininterrumpido del producto ni una operación sin errores. Si durante el período de la garantía limitada llegase a desarrollar un problema, el Comprador deberá seguir paso a paso el siguiente procedimiento:
- a) El Comprador deberá devolver el Producto al lugar de adquisición para su reparación o proceso de reemplazo.
 - b) Si "a" no resulta conveniente debido a la distancia (más de 50 millas) o por cualquier otra buena razón, el Comprador deberá embarcar el Producto prepago y asegurado a Nokia. Para saber la dirección del centro de reparación más cercano, visite www.nokiausa.com/support.

- c) El Comprador deberá incluir la dirección del remitente, número telefónico (de día) y/o número de fax, una descripción completa del problema, resguardo de compra y acuerdo de servicio (si es aplicable). Los gastos incurridos para remover el Producto de una instalación no son cubiertos por esta garantía limitada.
 - d) El Comprador será responsable de las facturas correspondientes a las partes o la mano de obra no cubiertas por esta garantía limitada. El Comprador será responsable de cualquier gasto de reinstalación del Producto.
 - e) Nokia reparará el Producto bajo la garantía limitada dentro de un plazo de 30 días después de la recepción del Producto. Si Nokia no puede realizar la reparación amparada por esta garantía limitada dentro de 30 días, o tras una cantidad razonable de intentos de reparar el mismo defecto, Nokia tiene la opción de proveer un repuesto del Producto o abonar el precio de compra del Producto menos una cantidad razonable aplicable al uso. En ciertos estados el Comprador tendrá derecho a un teléfono prestado cuando la reparación del producto pueda durar más de diez (10) días. Contacte al Centro de Atención Nokia Care al número telefónico que aparece al final de esta garantía si necesita un teléfono prestado y si la reparación del Producto tardará/está calculado a tardar más de diez (10) días.
 - f) En caso de que el Producto haya sido devuelto a Nokia dentro del periodo de la garantía limitada, pero el problema del Producto no esté cubierto por los términos y condiciones de esta garantía limitada, el Comprador será notificado y recibirá un presupuesto del costo a pagar por el Comprador por la reparación del producto y gastos de envío facturado al Comprador. Si el presupuesto es rechazado, el producto será devuelto al cliente por mensajería por cobrar. Si el producto es devuelto a Nokia después de la fecha de vencimiento del plazo de la garantía limitada, se aplicarán las políticas normales de servicio de Nokia y el Comprador será responsable de todos los gastos de envío.
9. Usted (el comprador) entiende que el producto consta de un ensamble nuevo que puede contener componentes usados los cuales han sido reprocesados. Los componentes usados cumplen las especificaciones de rendimiento y confiabilidad del Producto.
10. CUALQUIER GARANTÍA IMPLÍCITA O MERCANTIL PARA CUALQUIER PROPÓSITO O USO PARTICULAR DEBE LIMITARSE A LA DURACIÓN DE LA ESCRITA GARANTÍA LIMITADA PRECEDENTE. DE OTRA FORMA, LA GARANTÍA PRECEDENTE ES EL ÚNICO EXCLUSIVO REMEDIO DEL COMPRADOR Y EN LUGAR DE CUALQUIER OTRA GARANTÍA, EXPRESA O IMPLÍCITA NOKIA NO PODRÁ SER REQUERIDO POR DAÑOS INCIDENTALES, PUNITIVOS O CONSECUENCIALES O POR PÉRDIDAS ANTICIPADAS INCLUYENDO, PERO SIN LIMITAR, A PÉRDIDA DE BENEFICIOS

O GANANCIAS ANTICIPADAS, PÉRDIDA DE AHORROS O INGRESOS, DAÑOS PUNITIVOS, PÉRDIDA DE USO DEL PRODUCTO O DE CUALQUIER OTRO EQUIPO RELACIONADO, COSTO DE CAPITAL, COSTO DE CUALQUIER EQUIPO O FACILIDAD DE REEMPLAZO, TIEMPO MUERTO, LAS DEMANDAS DE PERSONAS A TERCERAS INCLUYENDO CLIENTES, Y DAÑO A LA PROPIEDAD COMO RESULTADOS DE LA COMPRA O USO DEL PRODUCTO O CAUSADO POR UNA VIOLACIÓN DE LA GARANTÍA DE CONTRATO, NEGLIGENCIA, INDEMNIZACIÓN ESTRUCTA, O CUALQUIER OTRA TEORÍA LEGAL O IMPARCIAL, AÚN CUANDO NOKIA SUPIERA DE LA EXISTENCIA DE DICHO DAÑOS, NOKIA NO SERÁ RESPONSABLE DE LA DEMORA EN LA APORTACIÓN DE SERVICIO BAJO LA GARANTÍA LIMITADA, O PÉRDIDA DE USO DURANTE EL PERÍODO DE LA REPARACIÓN DEL PRODUCTO.

11. Algunos estados no permiten limitación de duración de una garantía implícita, entonces puede que la garantía limitada de un año no le concierna a usted (el Comprador). Algunos estados no permiten exclusiones o limitaciones de daños incidentales y consecuentes, por lo tanto puede que ciertas limitaciones o exclusiones arriba indicadas no le conciernan a usted (el Comprador). Esta garantía limitada le concede al Comprador derechos específicos y legales y puede ser que el Comprador tenga otros derechos, los cuales varían de estado a estado.
12. Nokia tampoco asume ni autoriza a cualquier centro de servicio, persona o entidad autorizada que se asumiera para Nokia ninguna otra obligación o responsabilidad que no esté explícitamente provista en esta garantía limitada incluyendo al proveedor o al vendedor de cualquier garantía extendida o acuerdo de servicio.
13. Ésta es la garantía entera entre Nokia y el Comprador, e invalida todos los contratos o acuerdos anteriores y contemporáneos, verbales o escritos, y todas las comunicaciones relacionadas al Producto y ninguna representación, promesa o condición no mencionadas en el presente modificará estos términos.
14. La garantía limitada indica el riesgo de falla del Producto entre el Comprador y Nokia. La indicación es reconocida por el Comprador y se refleja en el precio de venta del Producto.
15. Cualquier gestión o acción legal relacionada a la garantía deberá ser iniciada dentro de los dieciocho (18) meses subsecuentes al envío del Producto.
16. Cualquier pregunta concerniente a esta garantía limitada puede dirigirse a:

Nokia Inc.

Tel.: 1-888-NOKIA-2U (1-888-665-4228)

Fax: (813) 249-9619

Sólo para usuarios de TTY/TDD: 1-800-24-NOKIA (1-800-246-6542)

Pág. Web: www.nokiausa.com/support

3. Mensaje de la CTIA

(Cellular Telecommunications & Internet Association)

para todos los usuarios de teléfonos celulares

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Teléfono: (202) 785-0081

La seguridad es su deber más importante que tendrá que realizar.

■ Una guía para el uso responsable y seguro del teléfono celular

Hoy día millones de personas en los Estados Unidos aprovechan de la combinación única de comodidad, seguridad y valor que la telefonía celular aporta. Sencillamente, el teléfono celular da a la gente la habilidad poderosa de poder comunicarse por voz – casi en todos los sitios a cualquier hora – con el jefe, un cliente, los hijos, en caso de emergencias o incluso con la policía. Cada año los americanos hacen miles de millones de llamadas con sus teléfonos celulares, y aun la cifra asciende rápidamente. Pero una responsabilidad importante acompaña esas ventajas la cual es reconocida por el usuario de teléfono celular. Cuando está conduciendo, su responsabilidad primordial es conducir. Un teléfono celular puede ser una herramienta indispensable, no obstante, el conductor deberá tener un buen juicio todo el tiempo mientras está conduciendo – esté o no esté usando el teléfono. Las lecciones básicas son aquellas que habíamos aprendido cuando éramos jóvenes. El conducir requiere agilidad, precaución y cortesía. Necesita mucho sentido común – mantenga la cabeza en posición normal, dirija la vista hacia el trayecto, compruebe los visores con frecuencia y precaución con los demás conductores. Deberá respetar todas las señales de tráfico y mantenerse dentro del límite de velocidad. Deberá abrocharse el cinturón de seguridad y requerir que los otros pasajeros hagan lo mismo. Pero con el teléfono celular, el conducir significa algo más. Este folleto es una llamada a todos los usuarios de teléfonos celulares en todos los sitios para que la seguridad sea su prioridad cuando están detrás del volante. La telecomunicación celular sirve para ponernos en contacto, simplificar nuestra vida, protegernos durante una emergencia y proveernos la oportunidad de poder ayudar a los demás. En cuanto al uso del teléfono celular, la seguridad es su deber más importante.

■ "Guías de seguridad sobre el uso del Teléfono Celular"

A continuación, se reflejan las guías de seguridad a seguir mientras está conduciendo y usando un teléfono celular las cuales deberían ser fáciles de recordar.

1. Conozca bien su teléfono celular y sus funciones, tales como la marcación rápida y rediseño. Lea detenidamente su manual de instrucciones y aprenda a optimizar las opciones que el teléfono pueda ofrecer, incluyendo rediseño automático y la memoria. También, aprenda de memoria el teclado para poder usar la función de marcación rápida sin la necesidad de quitar la vista de la carretera.
2. Cuando esté disponible, use la función manos libres. Hoy día se dispone de una cantidad de accesorios manos libres. Aunque elija el dispositivo de montaje instalado para su teléfono celular o un microteléfono, aproveche los dispositivos disponibles.
3. Coloque su teléfono celular para un alcance fácil. Asegúrese de ubicar su teléfono celular a la mano, donde lo pueda levantar sin tener que quitar la vista de la carretera. Cuando entre una llamada, si es posible, que su buzón de voz lo responda.
4. Posponga cualquier conversación mientras esté conduciendo en una situación muy peligrosa. Como conductor, su responsabilidad es prestarle atención al tráfico. Dígale a la otra persona que usted está conduciendo; si fuera necesario, cancele la llamada en embotellamientos o durante situaciones peligrosas de tiempo. La lluvia, aguanieve, nieve y hielo pueden ser tan peligrosas como los embotellamientos. Como conductor, su responsabilidad es prestarle atención al tráfico.
5. No tome notas o busque números telefónicos cuando esté conduciendo. Si está leyendo un directorio o tarjeta de negocio, o escribiendo una lista de "tareas" mientras está conduciendo, no estará al tanto de su ruta. Es caso de sentido común. No se involucre en situaciones de tráfico peligrosas debido a que usted esté leyendo o escribiendo sin prestar atención al tráfico y a los vehículos cercanos.
6. Marque con sensatez y esté al tanto del tráfico; si fuera posible, haga las llamadas cuando esté estacionado o retirado de la carretera antes de hablar. Trate de planear sus llamadas antes de emprender el viaje para que sus llamadas coincidan con las señales de Stop, semáforos en rojo o estacionamientos. Pero, si es preciso hacer una llamada mientras esté conduciendo, siga esta norma sencilla: marque unos pocos números, compruebe la carretera y sus visores, y luego continúe.
7. Evite conversaciones estresantes y emotivas que puedan distraer la atención. No se pueden combinar el conducir y las conversaciones emotivas y estresantes - es muy peligroso cuando está detrás del volante. Que la persona con quien está hablando sepa que usted está conduciendo, y si es necesario, evite conversaciones de distracción.

8. Utilice su teléfono celular para pedir socorro. Su teléfono celular es una de las mejores herramientas que puede adquirir para protegerse a usted y a su familia en situaciones peligrosas – con su teléfono a su lado tendrá el socorro a su alcance con sólo la marcación de tres números. Marque 9-1-1 o el número local de emergencia en caso de incendio, accidente de tráfico, peligro en la carretera o emergencia médica. Recuerde, ¡es una llamada gratis en su teléfono celular!
9. Use su teléfono celular para ayudar a los demás en tiempo de emergencia. Su teléfono celular le brinda la oportunidad perfecta para ser "un buen samaritano" en su comunidad. En situaciones de accidente de tráfico, crímenes u otras emergencias de vida, llame al 9-1-1 o el número local de emergencia, como usted quiere que los demás hagan por usted.
10. Cuando sea necesario, llame al centro de asistencia de tráfico u otro número celular de ayuda para situaciones que no son de emergencia. Puede encontrar ciertas situaciones cuando esté conduciendo las cuales no merecen la necesidad de referirlas a los servicios de emergencia. Pero sí puede usar su teléfono celular para echar una mano. Si ve un automóvil que no corre en medio de la carretera aunque no signifique ningún peligro, señales rotas de tráfico, un accidente de tráfico sin ningún herido, o un vehículo robado, llame a la asistencia o a otros números especiales de teléfonos celulares en situaciones que no son de emergencia.

Las personas irresponsables, descuidadas, distraídas y los que conduzcan irresponsablemente representan un peligro en la carretera. Al acercarnos hacia un siglo nuevo, más gente se aprovechará de las ventajas de los teléfonos celulares. Desde el año 1984, la Asociación de la Industria de Telecomunicaciones Celulares (CTIA) y la industria celular han realizado asistencia educativa para informar a los usuarios de teléfonos celulares de su responsabilidad siendo conductores cautelosos y buenos ciudadanos. Al acercarnos hacia un siglo nuevo, más gente se aprovechará de las ventajas de los teléfonos celulares. Y, al dirigirnos a la carretera, todos tenemos la responsabilidad de conducir con cautela.

La industria celular le recuerda utilizar con seguridad su teléfono mientras conduce.

Para más información, llame a 1-888-901-SAFE.

Para datos actualizados, visite:

<http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85>

4. Mensaje de la FDA

U.S. Food and Drug Administration (FDA) para todos los usuarios de teléfonos celulares.

Para información actualizada, visite <http://www.fda.gov/cellphones/>.

¿Significan un peligro para la salud los teléfonos celulares?

La evidencia científica disponible no muestra que ningún problema de salud tiene relación con el uso de teléfonos celulares. No hay pruebas, sin embargo, que los teléfonos celulares son absolutamente seguros. Los teléfonos celulares emiten niveles bajos de radiofrecuencia (RF) en la gama de microonda durante el uso. También emiten niveles muy bajos de RF en modalidad de inactividad. Mientras que los niveles altos de RF pueden influir la salud (por calentamiento) la exposición a un nivel bajo de RF no produce efectos de calentamiento y no causa efectos adversos a la salud. Muchos estudios sobre exposiciones a nivel bajo de RF no han encontrado efectos biológicos. Ciertos estudios han sugerido que podrían resultar en ciertos efectos biológicos, pero tales encuestas no han sido confirmadas por estudios adicionales. En ciertos casos, otros investigadores han tenido dificultades para reproducir tales estudios o determinar las causas de los resultados inconsistentes.

¿Cuál es el papel de la FDA concerniente a la seguridad de los teléfonos celulares?

Bajo la ley, la FDA no revisa la seguridad de los productos que generan radiación, tales como, teléfonos celulares antes de su venta, como se hacen con medicamentos o dispositivos médicos nuevos. Sin embargo, la agencia tiene la autoridad para realizar una acción si es mostrado que el nivel de la radiofrecuencia (RF) emitida por los teléfonos celulares muestra algún peligro para el usuario. En tal caso, la FDA podría requerir a los fabricantes de teléfonos celulares que avisen a los usuarios del peligro de los teléfonos celulares para la salud, y que reparen, o devuelvan los teléfonos para que el ya peligro no exista.

Aunque los datos científicos existentes no justifican las acciones reglamentarias de la FDA, la FDA le exige a la industria de teléfonos celulares que establezca medidas, que incluyan las siguientes:

- Respaldo la investigación necesaria hacia los posibles efectos biológicos del tipo de RF generada por teléfonos celulares;
- Diseñar los teléfonos celulares de tal manera que minimicen la exposición del usuario a un nivel RF necesario para el funcionamiento del dispositivo; y
- Colaborar en la tarea de proveerles a los usuarios de teléfonos celulares la mayor información posible sobre los resultados generados por el uso de los teléfonos celulares en cuanto a la salud.

La FDA pertenece a un grupo de interagencias de las agencias federales que se encargan de los distintos aspectos de la seguridad de la RF para asegurar los esfuerzos coordinados al nivel federal. Las agencias siguientes pertenecen a este grupo:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

El National Institute of Health participa también en actividades del grupo interagencia.

La FDA comparte con la Federal Communications Commission (FCC) las responsabilidades para teléfonos celulares. Todos los teléfonos celulares vendidos en los Estados Unidos deben cumplir con los reglamentos establecidos por la FCC que limitan la exposición RF. La FCC depende de la FDA y otras agencias sanitarias sobre los asuntos de seguridad de los teléfonos celulares.

La FCC también regulariza las estaciones base de donde dependen las redes de teléfonos celulares. Mientras estas estaciones de base funcionan con una potencia más alta que los propios teléfonos celulares, la exposición RF que el usuario podría recibir de dichas estaciones bases es, en general, mucho más reducida que la RF generada por los teléfonos celulares. Las estaciones de base no son el asunto de las preguntas de seguridad tratadas en este documento.

¿Qué está realizando la FDA para saber más sobre los resultados posibles en la salud causados por teléfonos celulares?

Junto con la entidad U.S. National Toxicology Program y con otros grupos de investigadores mundiales, la FDA está trabajando para asegurar que se están conduciendo estudios altamente prioritarios en animales para dirigir preguntas sobre los efectos de la exposición RF. La FDA ha sido el participante líder en el proyecto International Electromagnetic Fields (EMF) desde su inicio en el 1996, de la entidad World Health Organization. Como resultado poderoso de este trabajo se desarrolló una agenda detallada de las necesidades en la investigación que propulsó el establecimiento de programas nuevos de investigaciones por todo el mundo. El proyecto también ha ayudado a desarrollar una serie de documentos de información pública sobre los asuntos EMF. La FDA y la Cellular Telecommunications & Internet Association (CTIA) conducen un acuerdo formal denominado Cooperative Research and Development Agreement (CRADA) para realizar investigaciones de la seguridad en el uso del teléfono celular. La FDA provee una vista científica, consiguiendo las opiniones de los expertos de las organizaciones académicas, industriales y

gubernamentales. La investigación financiada por la CTIA es realizada por contratos con investigadores independientes. La investigación inicial incluirá tanto los experimentos en laboratorios como los estudios sobre usuarios de teléfonos celulares. El proyecto CRADA también va a asesorar ampliamente los requerimientos en los estudios bajo el contexto de los desarrollos de las investigaciones más recientes por todo el mundo.

¿Qué medidas puedo realizar para reducir la radiofrecuencia irradiada por mi teléfono celular a la que estoy expuesto?

Si existe algún riesgo de estos productos – y en este momento desconocemos tal existencia – probablemente será muy mínimo. Sin embargo, si le concierne la prevención de posibles riesgos, haga estos pasos sencillos para minimizar la radiofrecuencia (RF). Puesto que el tiempo es un factor clave, en cuanto al nivel de la exposición que una persona pueda recibir, minimizar el tiempo de uso del teléfono celular reducirá la exposición a la RF.

Si tiene que extender su tiempo de conversación con su teléfono celular, podrá alejarse del origen de la RF, puesto que el nivel de exposición RF reducirá dependiendo de la distancia. Por ejemplo, podrá utilizar un auricular y llevar el celular apartado de su cuerpo o usar un teléfono celular conectado a una antena remota.

Se reitera que los datos científicos no muestran que los teléfonos celulares son peligrosos. Sin embargo, si le concierne la prevención de posibles riesgos, podrá adoptar las medidas antes mencionadas para reducir el nivel de exposición a la RF que se origina de los teléfonos celulares.

¿Significa un riesgo para los niños el uso de teléfonos celulares?

Las evidencias científicas no muestran peligro a los usuarios de teléfonos celulares, incluso para los niños y jóvenes. Si desea realizar las medidas para reducir la exposición a la radiofrecuencia (RF), las medidas anteriormente mencionadas servirían para los niños y jóvenes que usan teléfonos celulares. Reducir del tiempo de uso del celular y aumentar la distancia entre el usuario y el origen de la radiofrecuencia minimizará la exposición a la RF. Ciertos grupos patrocinados por otras entidades nacionales gubernamentales han recomendado que los niños no utilicen teléfonos celulares. Por ejemplo, en diciembre 2000, el gobierno del Reino Unido distribuyó folletos conteniendo dicha recomendación. Se han dado cuenta que no existen ninguna evidencia que el uso de teléfonos celulares pueda causar tumores cerebrales u otras enfermedades. Su recomendación de que los niños limiten el uso de los teléfonos celulares fue solamente a efecto preventivo; no fue basada en ninguna evidencia de peligros para la salud.

¿Reduce el riesgo de la exposición a la radiofrecuencia el uso de accesorios manos libres con teléfonos celulares?

Puesto que no existen riesgos a exposición RF irradiada por teléfonos celulares, no hay motivo para creer que el uso de equipos manos libres reducen los riesgos. Se pueden usar los equipos manos libres con los teléfonos celulares por razones de comodidad y confort. Estos sistemas reducen la posibilidad de que la cabeza absorba la radiofrecuencia puesto que el teléfono, de donde se emite la radiofrecuencia, se usa lejos de la cabeza. Por otro lado, si el teléfono se lleva en la cintura o en otra parte del cuerpo durante su uso, entonces esa parte del cuerpo absorberá más la energía radiofrecuencia. Se requieren que los teléfonos celulares vendidos en Estados Unidos cumplan con las medidas de seguridad sin importar si son usados contra la cabeza o portados con cualquier parte del cuerpo. Cualquiera de la configuración deben cumplir con los límites de seguridad.

¿Sirven como deben los accesorios de teléfonos que son promocionados como protector para la cabeza contra la radiación emitida por RF?

Puesto que no existen riesgos de exposición a la radiofrecuencia emitida por los teléfonos celulares, no hay motivo para creer que los accesorios que protegen la cabeza contra dichas emisiones de verdad reducen los riesgos. Ciertos productos que son promocionados como protectores contra la radiofrecuencia usan fundas especiales para teléfonos, mientras hay los que no tengan blindaje más que accesorios metálicos adjuntados al teléfono. Según las investigaciones, en general estos productos no funcionan como son promocionados. Estos denominados "blindajes", no como los equipos "manos libres", podrían interferir con la operación debida del teléfono. El teléfono podría ser provocado a elevar su potencia que podría incrementar la absorción de radiofrecuencia. En febrero 2002, la entidad Federal Trade Commission (FTC) denunció dos empresas que vendieron dispositivos que, como ellas alegaban, protegían a los usuarios de teléfonos celulares contra la irradiación e hicieron declaraciones falsas y reclamaciones no confirmadas. Según la FTC, estos demandados carecían de una base razonable para respaldar su demanda.

¿Cómo asesora FCC la radiofrecuencia de un teléfono celular?

Después de otorgar la licencia de mercadeo de un teléfono celular particular, la FCC realiza, de vez en cuando, pruebas "post-grant" (después de otorgar) para determinar si la producción de los modelos del teléfono están cumpliendo los requerimientos estipulados por la FCC. Al fabricante de un teléfono celular que no reúna los requerimientos estipulados por la FCC se le puede requerir que retire el uso del teléfono celular y que abone el costo de la compra o que reponga el teléfono, y podría ser sometido a sanciones delictivas o civiles. Además, si el teléfono significa un riesgo de peligro para el usuario, la FDA también puede realizar una acción regulatoria. La prueba "post-grant" más importante, desde la perspectiva del

consumidor, es la de las irradiaciones RF del teléfono. FCC mide el nivel de Specific Absorption Rate (SAR-TAE – Tasa de Absorción Específica) del teléfono, siguiendo un protocolo de pruebas muy riguroso. Como ocurre con casi cualquier medición científica, es posible que la medición de prueba pueda ser menos o más de la RF actual irradiada por el teléfono. Esta diferencia entre la medición de prueba de RF y la radiación RF actual es debido al hecho de que las mediciones de pruebas son limitadas por la autenticidad del instrumento, puesto que los entornos de la medición de prueba y del uso actual son diferentes, y por otros factores variables. Esta variación inherente es denominado "incertidumbre de medición". Cuando FCC conduce una medición "post-grant" de un teléfono celular, FCC se toma en cuenta de cualquier incertidumbre para determinar la necesidad de una acción regulatoria. Este paso asegura que cuando FCC toma acciones regulatorias, éstas tendrán una base científica defendible y exacta.

El personal FDA revisó la metodología usada por FCC para medir la RF del teléfono celular, y estuvo de acuerdo que es un paso aceptable, en vista de nuestro entendimiento actual de los riesgos de las irradiaciones RF de los teléfonos celulares. No se ha demostrado que las irradiaciones RF de los teléfonos celulares presentan un riesgo dañino al usuario cuando la medida SAR es menos de los límites de seguridad estipulados por FCC (un SAR de 1.6 w/kg). Aunque la medida máxima de incertidumbre permitida por las normas actuales de medición fue agregada al norma máxima permitida por SAR, el valor resultante de SAR podría aparecer menos que cualquier nivel que pueda producir un resultado agudo. Consiguientemente, el paso de FCC con incertidumbre de medición no resultará en exponer a los usuarios a cualquier riesgo de la RF irradiada por los teléfonos celulares.

La FDA continúa a monitorear los estudios y literatura de reportes referentes a los efectos severos de la RF de los teléfonos celulares, y referentes a los efectos crónicos de exposición a largo plazo a la RF del teléfono celular (es decir, los riesgos que emanan del uso de teléfonos celulares por muchos años). En caso de que una nueva información da indicio a FDA a creer que un cambio en la política de medida de FCC podría ser apropiado, FDA se pondrá en contacto con FCC y ambas agencias trabajarán conjuntamente para desarrollar un paso mutuamente aceptable.

Actualizado 29 de julio de 2003

Printed in

/ Impreso en

06/06