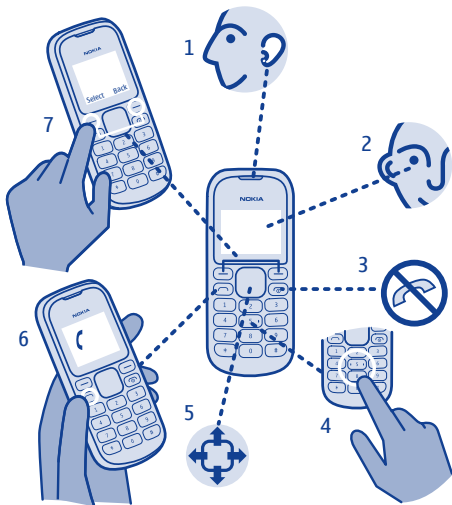
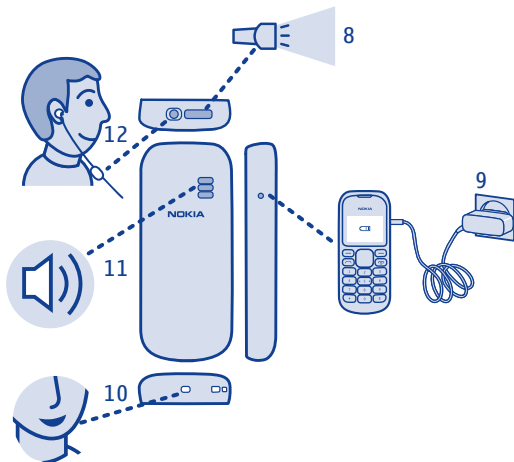

Nokia 103 User Guide

Keys and parts



- 1 Earpiece
- 2 Display
- 3 End/Power key
- 4 Keypad

- 5 Navi™ key (navigation key)
- 6 Call key
- 7 Selection keys



- 8 Flashlight
- 9 Charger connector
- 10 Microphone
- 11 Loudspeaker
- 12 Headset connector

You may need to buy the headset as a separate accessory.

Insert the SIM card and battery



Put your finger in the gap at the bottom of the phone.



Line up the contacts.



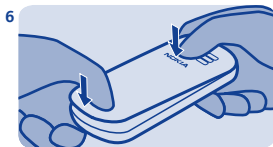
Lift the back cover.



Push the battery in.



Slide in the SIM card.



Press down to click.

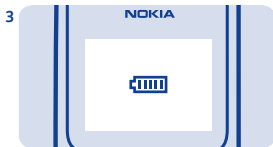
Charge the battery



Connect the charger to a wall outlet.



Connect the charger to the phone.



Phone indicates full charge. You can use the phone while it is charging.

Switch on



Press and hold the power key .



To set the hour, press up or down.



To set the minutes, press right, and then press up or down. Press **OK**.

Lock or unlock keypad



Time is changed.



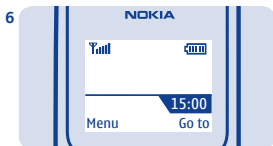
To avoid accidental pressing of keys, use the keypad lock.



To set the date, press up or down. Press OK.



Press **Menu**, and then quickly press *****.



Phone is ready to use.



The keypad locks. To unlock the keypad, repeat step 1.

Make or answer a call



Make a call to a number that you have.

3



A friend's phone rings.

1



Enter the phone number.

4



To answer, press .

2



Press .

5



You can enjoy chatting with your friend. To end the call, press .

Change the volume

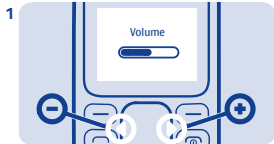
Use the loudspeaker



Is the volume too loud during a call or when listening to the radio?



Others in the room can join in with a call.



Press left for quieter, right for louder.



During a call, press **Loudsp..**



Better.



Place the phone on a table.

Use the headset



You can make a hands-free call with a headset.

Save a name and number



Add a friend's number to your phone.



Connect a headset.



Press **Menu**.



Make a call.



Press right.



Select **Contacts**.



Write the name.



Press right.



Press **OK**.

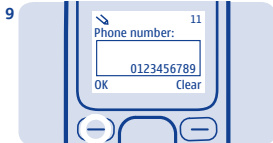


Select **Add contact**.

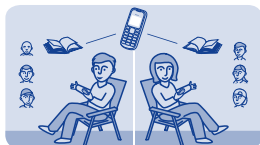


Enter the phone number.

Save numbers in five separate phonebooks



Press **OK**.



To use separate phonebooks, save contacts in the phone memory.



Select a picture, and press **Use**.



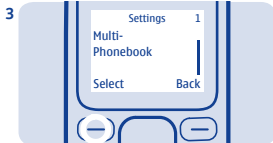
Select **Contacts**, press right, and select **Settings**.



When you receive a call, the name, number, and picture are shown.



To set current memory to phone memory, select **Memory in use** > **Phone**.



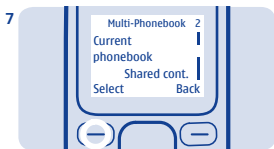
Select **Multi-Phonebook**.



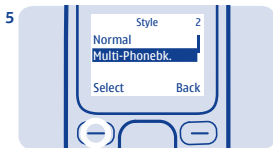
Multi-Phonebook is ready to use.



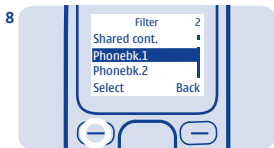
Select **Phonebook style**.



Press down, and select **Current phonebook**.



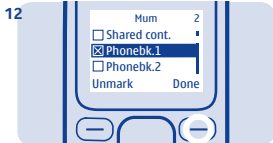
Select **Multi-Phonebk..**



Select a phonebook.



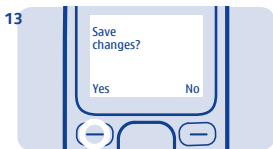
The phonebook is set as the current phonebook.



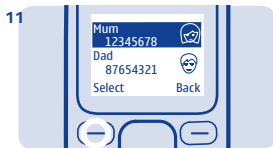
Mark a phonebook, and press **Done**.



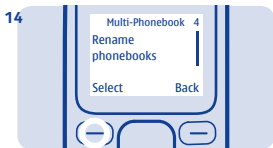
Press down, and select **Manage contacts**.



Save the changes. To save more contacts, repeat steps 10–12.

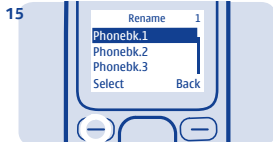


Select a contact.



Select **Rename phonebooks**.

Change the ringtone



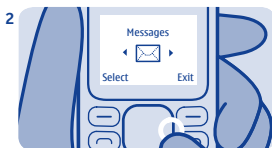
Select a phonebook.



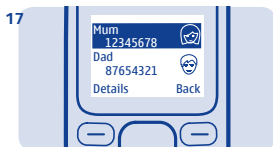
Press **Menu**.



Write the name, and press **OK**. The phonebook name is changed.



Press right.



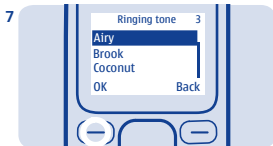
You can see the saved contacts in the current phonebook.



Select **Settings**.



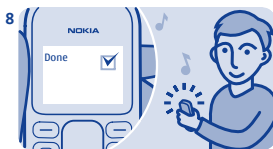
Select **Tone settings**.



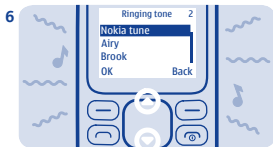
Select a ringtone, and press **OK**.



Select **Ringtone**.



Ringtone selected.



Select a ringtone, and stop there for a moment to hear the sound.

Flashlight



Use the flashlight if you need more light. See iii) in General Information.



To use the flashlight, press up twice.



To switch the flashlight off, press up once.

Write text

Press a key repeatedly until the letter is shown.

Change the writing language: select **Menu > Settings > Phone settings > Language**, the language, and **OK**. See iv) in General Information.

Insert a space: press **0**.

Change a word: press ***** repeatedly until the word is shown.

Insert a number: press and hold the number key.

Insert a special character: press and hold *****.

Change the text input method: press **#** repeatedly.

Use predictive text: select **Options > Dictionary** and the language. Press a key for each letter. When the word is shown, press **0**. Start writing the next word.

Stop using predictive text: select **Options > Dictionary > Dictionary off**.

Send and receive messages



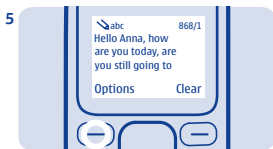
Press **Menu**.



Press the keys to write your message.



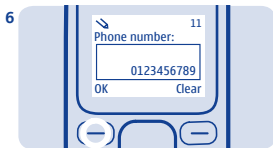
Select **Messages**.



Press **Options**, and select **Send**. See i) in General Information.



Select **Create message**.



Enter a phone number. Press **OK**.

Set an alarm



Message is sent.



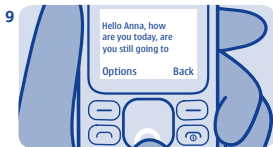
Use your phone as an alarm clock to wake you up.



To read a message, press **Show**.



Press **Menu**.



To view the rest of the message, press down.



Press right, and select **Clock**.



Select **Alarm time**.



Press **OK**.



To set the hour, press up or down.



The alarm is ready.



To set the minutes, press right and then up or down.



An alarm sounds at the set time. Press **Stop**.

Set a reminder



Set a reminder to meet your friends.



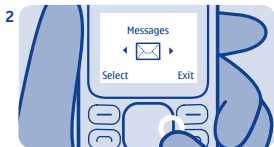
Select **Extras**, and press right.



Press **Menu**.



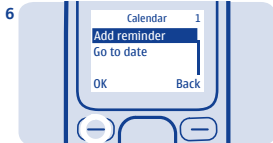
Select **Calendar**.



Press right.



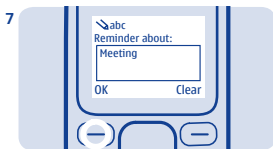
Go to the date, and press **Options**.



Select **Add reminder**.



To set the hour, press up or down.



Write a name for the reminder.



To set the minutes, press right, and then press up or down.



To set an alarm, select **Alarm on**.



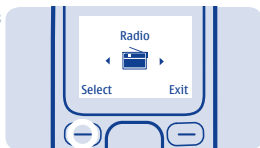
Press **OK**. The alarm is ready.

Listen to the radio



Use your phone to listen to the radio. See ii) in General Information.

3



Select **Radio**. The radio is on.

1



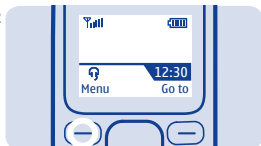
Connect a headset. The headset cable works as the radio antenna.

4



To find radio channels, press **Options**, and select **Auto tuning**.

2



Press **Menu**, and press right.

5



To select the next channel, press down.



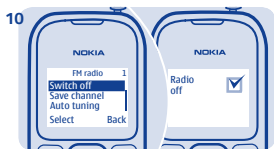
To save the channel, press **OK**.



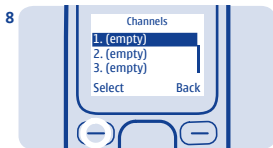
To use the loudspeaker, press **Options**, and select **Loudspeaker**.



Write a name for the channel, and press **OK**.



To close the radio, press **Options**, and select **Switch off**.



Select an empty channel. To save more channels, repeat steps 4–8.



Tip: To wake up to the sound of the radio, press **Options**, and select **Clock radio**. Set the wake up time.

Calculator



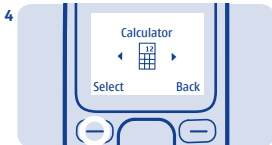
Use your phone to make a calculation.



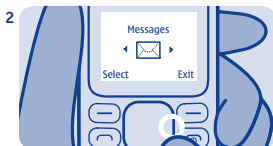
Select **Extras**.



Press **Menu**.



Select **Calculator**.

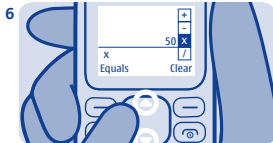


Press right.



Press keys to enter numbers.

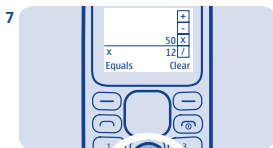
Switch off



To change a function, press down.



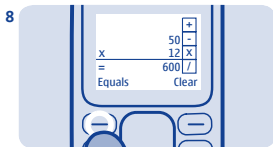
To save battery power, switch the phone off.



Enter the second number.



Press and hold the power key .



Press **Equals**.



The phone switches off.

After-sales policy



Need assistance after you've bought your phone?

1



Contact the store where you bought it for help and advice.

Nokia original accessories

For availability of approved accessories, check with your dealer.

An extensive range of accessories is available for your device. For more details, see www.nokia-asia.com/accessories.

Practical rules about accessories

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

Battery

Type: BL-5CB

Talk time:

Up to 12.78 hours.

Standby:

Up to 720 hours.

! Important: Battery talk and stand-by times are estimates and only possible under optimal network conditions. Actual battery talk and standby times depend on SIM cards, features used, battery age and condition, temperatures to which battery is exposed, network conditions, and many other factors, and may be significantly shorter than those specified above. Ringing tones, hands free call handling, use in digital mode, and other features will also consume the battery, and the amount of time a device is used for calls will affect its stand-by time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.

General information

Read these simple guidelines. Not following them may be dangerous or illegal. For further info, read the complete user guide.



SWITCH OFF IN RESTRICTED AREAS

Switch the device off when mobile phone use is not allowed or when it may cause interference or danger, for example, in aircraft, in hospitals or near medical equipment, fuel, chemicals, or blasting areas. Obey all instructions in restricted areas.



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 devices may be susceptible to interference, which could affect performance.



QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



KEEP YOUR DEVICE DRY

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



PROTECT YOUR HEARING

To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your device near your ear while the loudspeaker is in use.

Battery removing

Switch the device off and disconnect the charger before removing the battery.

Product and safety information

Feature specific instructions

Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

i) You can send text messages that are longer than the character limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly.

Characters with accents, other marks, or some language options, take more space, and limit the number of characters that can be sent in a single message.

ii) To listen to the radio, you need to attach a compatible headset to the device. The headset acts as an antenna.

iii) Do not shine the flashlight in anyone's eyes.

iv) Sending and receiving messages in some languages is a network service. For availability, contact your service provider.

Send messages only to devices that support the selected language.

Network services and costs

Your device is approved for use on the (E)GSM 900 and 1800 MHz networks. To use the device, you need a subscription with a service provider.

Using network services and downloading content to your device requires a network connection and may result in data traffic costs. Some product features require support from the network, and you may need to subscribe to them.

Take care of your device

Handle your device, battery, charger and accessories with care. The following suggestions help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, remove the battery, and allow the device to dry.
- Do not use or store the device in dusty or dirty areas.
- Do not store the device in high temperatures. High temperatures may damage the device or battery.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage it.
- Do not open the device other than as instructed in the user guide.

- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break it.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can prevent proper operation.
- Switch off the device and remove the battery from time to time for optimum performance.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important info.

Recycle



Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. All materials of the device can be recovered as materials and energy. Check how to recycle your Nokia products at www.nokia.com/recycle.

Batteries and chargers

Battery and charger information

Your device is intended for use with a BL-5CB rechargeable battery. Nokia may make additional battery models available for this device. Always use original Nokia batteries.

This device is intended for use when supplied with power from the following chargers: AC-3. The exact Nokia charger model number may vary depending on the plug type, identified by E, X, AR, U, A, C, K, B, or N.

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.

 **Important:** Talk and standby times are estimates only. Actual times are affected by, for example, network conditions, device settings, features being used, battery condition, and temperature.

Battery safety

Always switch the device off and disconnect the charger before removing the battery. When you unplug a charger or an accessory, hold and pull the plug, not the cord.

When your charger is not in use, unplug it from the electrical plug and the device. Do not leave a fully charged battery connected to a charger, as overcharging may shorten the battery's lifetime. If left unused, a fully charged battery will lose its charge over time.

Always 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.

Accidental short-circuiting can happen when a metallic object touches the metal strips on the battery, for example, if you carry a spare battery in your pocket. Short-circuiting may damage the battery or the connecting object.

Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations. Recycle when possible. Do not dispose as household waste.

Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. If a battery leaks, do not let battery liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, or seek medical help.

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

Use the battery and charger for their intended purposes only. Improper use, or use of unapproved batteries or incompatible chargers may present a risk of fire, explosion, or other hazard, and may invalidate any approval or warranty. If you believe the battery or charger is damaged, take it to a service centre for inspection before continuing to use it. Never use a

damaged battery or charger. Only use the charger indoors.

Additional safety information

Make an emergency call

1. Make sure the device is switched on.
2. Check for adequate signal strength. You may also need to do the following:
 - Insert a SIM card.
 - Deactivate call restrictions you have activated for your device, such as call barring, fixed dialling, or closed user group.
 - Make sure the offline or flight profile is not activated.
3. Press the end key repeatedly, until the home screen is displayed.
4. Enter the official emergency number for your present location. Emergency call numbers vary by location.
5. Press the call key.
6. Give the necessary information as accurately as possible. Do not end the call until given permission to do so.

 **Important:** Activate both cellular and internet calls, if your device supports internet calls. The device may attempt to make emergency calls both through cellular networks and through your internet call service provider. Connections in all conditions cannot be guaranteed. Never rely solely on any wireless device for essential communications like medical emergencies.

Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external RF energy. Switch off your device when regulations posted instruct you to do so, for example, in hospitals.

Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) 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:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

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

Accessibility solutions

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. For more information, visit the Nokia website at www.nokiaaccessibility.com.

Hearing

 **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.

Some wireless devices may interfere with some hearing aids.

Nickel

The surface of this device is nickel-free.

Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 1.5 centimetres (5/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

Vehicles

Radio signals may affect improperly installed or inadequately shielded electronic systems

in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more information, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. 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 accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

Switch off your device before boarding an aircraft. The use of wireless devices in an aircraft may be dangerous to the operation of the aircraft and may be illegal.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions 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

areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

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 not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

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 ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams 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 ICNIRP guidelines for use of the device at the ear is 1.15 W/kg.

Use of device accessories 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.

DECLARATION OF CONFORMITY

CE 0168

Hereby, NOKIA CORPORATION declares that this RM-647 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at <http://www.nokia.com/global/declaration/declaration-of-conformity>.

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