

SETTINGS & TOOLS

Bluetooth

Bluetooth technology enables wireless connections between electronic devices and can be used to send and receive images, texts, gallery files, voice recordings, video clips, notes, and more. It can also be used to connect wirelessly to products that use Bluetooth wireless technology, such as computers. You can synchronize your phone and your PC using Bluetooth connectivity.

Since devices with Bluetooth connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices.


This device is compliant with Bluetooth specification 2.0, supporting the following profiles: HSP V1.1 (headset profile), HFP V1.5 (handsfree car kit profile), and DUN V1.1 (dial-up networking).

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 Verizon Wireless. If you want more information on this function, visit the Bluetooth Technology organization website: <https://www.bluetooth.org/>.

To access the *Bluetooth Menu*, select MENU > SETTINGS & TOOLS > *Bluetooth Menu* and you may select from the following options:


Add New Device – to set up a pairing between your phone and another device with Bluetooth technology.


Turn On or Turn Off – to activate or deactivate Bluetooth connectivity. An active Bluetooth connection is indicated by  at the top of the display.

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Options – to define how your device is shown to other devices with Bluetooth connectivity, you may select from the following:

- *My Phone Name* – to set the name of your device that is to be seen by others, enter a name, and select **OK**.
- *Discovery Mode* – to allow your device to be searched by other devices in the area, select *On*. To hide your phone from other users, select *Off*.
- *Sharing* – to share the files in *My Pictures*, *My Videos*, and *Bluetooth Inbox*, select *On* or *Off*.
- *File Receiving* – to set the level of security when receiving files from other devices, three levels of security are available:
 - *Always Ask* – to prompt you for permission each time you receive a file.
 - *Always Accept* – to always accept files.
 - *Always Reject* – to never accept files.
- *Supported Profiles* – to view information and help on supported profiles. Different profiles can be considered different functions of Bluetooth. For example, the phone must have the headset profile to support a Bluetooth headset.
- *My Business Card* – to edit details of your business card. You can send and receive business cards between other compatible devices.
- *Bluetooth Inbox* – allows you to send and receive files from this location.

 **Note:** Operating the device in hidden mode is a safer way to avoid malicious software. Do not accept Bluetooth connectivity from sources you do not trust. Alternatively, switch off the Bluetooth function. This does not affect other functions of the phone.

 **Important:** Features using Bluetooth technology increase the demand on battery power and reduce the battery life.

■ Sounds Settings

To adjust volumes and to assign sounds to phone calls and alarms, select **MENU > SETTINGS & TOOLS > Sounds Settings** and from the following options:

Call Sounds – to set ringtones for incoming calls, select *Call Ringtone*, select the desired ringtone > **OK**. To set the phone to vibrate when a call is received, select *Call Vibrate* > **On**.

Alert Sounds – select the alert type (*Tone, Vibrate, or Reminder*) for an incoming *TXT Message, Pic-Video Message, or Voicemail*. Select *Emergency Tone* to set the alert type (*Alert, Vibrate, or Off*) for emergency dialing.

Keypad Volume – to set the volume for the keypad, press the Directional key Up or Down (this option only works when the master volume is not set to *All Sounds Off, Alarm Only, or Vibrate Only* by pressing the Volume keys, see "Phone at a Glance," p. 11).

Service Alerts – set any of the alert options to *On or Off*.

- **ERI** – Enhanced Roaming Indicator (ERI) alerts you to the status of cellular service. The ERI banner text displays "Verizon Network," "Extended Network," or "Roaming". See "Banner," p. 64. This is a network service.
- **Minute Beep** – to sound an alert every minute while on a call.
- **Call Connect** – to alert you when a call is connected.

Power On/Off – to enable or disable tones when your phone is turned on or off (this option only works when the master volume is not set to *All Sounds Off, Alarm Only, or Vibrate Only* by pressing the Volume keys, see "Phone at a Glance," p. 11).

■ Display Settings

To modify the look and feel of the phone display, select **MENU > SETTINGS & TOOLS > Display Settings**.



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Banner

To display a text banner on the Standby Mode screen, select **MENU > SETTINGS & TOOLS > Display Settings > Banner** and you may select from the following banners:

Personal Banner – enter your own banner text of up to 18 characters. To change the text color, select **Color**.

ERI Banner – display ERI text over your personal banner, alerting you to the current cellular status. This is a network service.

Backlight

To conserve battery life, you can set the phone backlighting to dim when idle. To set the backlight duration, select **MENU > SETTINGS & TOOLS > Display Settings > Backlight** and you may select from the following options:

Display – to set how long the main display backlight remains on before dimming (7, 15, or 30 seconds, *Always On* or *Always Off*).

Keypad – to set how long the keypad backlight remains on before dimming (7, 15, or 30 seconds, *Always On* or *Always Off*).

Contrast

To set the contrast of the front display, select **MENU > SETTINGS & TOOLS > Display Settings > Contrast**. Select from one of the five contrast levels.

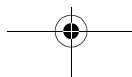
Wallpaper

To set your phone to display a background picture (wallpaper), select **MENU > SETTINGS & TOOLS > Display Settings > Wallpaper**.

To set the main or front display wallpaper, select *My Pictures* or *My Videos > Main Screen* or *Front Screen* > select an image or a video > **OK**.

To preview an image, select *My Pictures > Main Screen* or *Front Screen* > an image > **View**. To browse for new wallpaper, select **Get New**.

To play a video, select *My Videos > Main Screen* or *Front Screen* > a video > **Play**.



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Display Themes

To choose the color theme of the background screen, select **MENU** > **SETTINGS & TOOLS** > *Display Settings* > *Display Themes*, select the desired theme from the available options, and **SET**. Select **Preview** to view the highlighted theme.

Menu Settings

To set the layout of the menu screen, select **MENU** > **SETTINGS & TOOLS** > *Display Settings* > *Menu Settings* > *Tab* or *List*. Select **Preview** to view the highlighted layout. To choose the menu type, select *List* > **OK** > *Personalizing* or *Productivity*. These two types offer you more choices in menu screen. The choices are default settings and cannot be changed.

Dial Fonts

To set the font size of the characters displayed on the screen when entering a phone number, select **MENU** > **SETTINGS & TOOLS** > *Display Settings* > *Dial Fonts* > *Normal* or *Large*.

Clock Format

To set the clock format on your phone's main display or front display, select **MENU** > **SETTINGS & TOOLS** > *Display Settings* > *Clock Format* > *Main Clock* > select the desired clock format, or *Front Clock* > *Digital*, *Analog*, or *Off*.

■ Phone Settings

The *Phone Settings* menu allows you to designate specific network settings and operational modes for your phone.

Standalone Mode

The Standalone Mode disables your phone from receiving radio frequencies. Functions on your telephone that do not require network service can still be used. To activate Standalone Mode, select **MENU** > **SETTINGS & TOOLS** > *Phone Settings* > *Standalone Mode* > *On*.



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Set Shortcuts

Shortcuts features allow you to quickly access some functions that are available when you press the Directional key Right while in Standby Mode.

Press the Directional key Right shortcut is assigned to the *MyShortcuts* menu. This shortcut cannot be modified. For the default setting, see "My shortcuts," p. 16.

To modify and assign shortcuts to *MyShortcuts*:

1. Select **MENU** > **SETTINGS & TOOLS** > *Phone Settings* > *Set Shortcuts* > *Set My Shortcuts*.
2. Select *Shortcut 1*, *Shortcut 2*, *Shortcut 3*, or *Shortcut 4*, and **SET**. Select the application you want > **OK**.
3. To reset the assigned shortcut to the default setting, highlight the shortcut key you want, and select **Options** > **OK**.

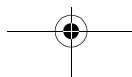
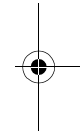
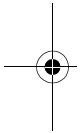
To reset all of the assigned shortcuts to the default setting, select **Options** > *Reset My Shortcuts* > **OK**.

Set Directional Keys

To set applications and shortcuts to your Directional key when pressing Up, Left or Down, do the following:

1. Select **MENU** > **SETTINGS & TOOLS** > *Phone Settings* > *Set Shortcuts* > *Set Directional Keys*.
2. Select the key you want to assign the application to > **SET**. Select the application you want > **OK**.
3. To reset all Directional keys to the default setting, select **Options** > *Reset Directional Keys* > **OK**.

To reset the selected Directional key to the default setting, highlight the key you want and select **Options** > **OK**.



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Voice Settings

To change the settings for voice commands, select **MENU > SETTINGS & TOOLS > Phone Settings > Voice Settings**, and you may select from the available options (*Choice Lists, Sensitivity, Digit Dialing, Sound, or About*). For details on the voice command settings, see "Voice Commands Settings," p. 74.

Language

To set the default language of your phone menu and displays, select **MENU > SETTINGS & TOOLS > Phone Settings > Language > English or Español**.

Location

To share position information over the network, select **MENU > SETTINGS & TOOLS > Phone Settings > Location**. Select *Location On* to make position information continually available, or select *E911 Only* to make this information available for emergency services only.

For calls to emergency numbers, location information may be used by the emergency operator to determine the position of the phone. The functionality and accuracy of this feature are dependent on the network, satellite systems, and the agency receiving the information. This feature may not function in all areas or at all times.

Security

To secure the phone electronically, select **MENU > SETTINGS & TOOLS > Phone Settings > Security**. This feature protects your phone from unauthorized outgoing calls or unauthorized access to information stored in the phone. Enter your lock code, which is by default the last four digits of your phone number, and select from the following options:

Edit Codes – to change the security code.

Restrictions – to prevent the following functions from being used.

- *Location Setting* – if set to *Lock Setting*, you need to enter the security code to access *Location*. See "Location," p. 67.



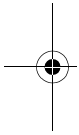
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- *Calls* – to set restriction type (*Allow All*, *Contacts Only*, or *Block All*) for incoming or outgoing calls.
- *Messages* – to set restriction type (*Allow All* or *Block All*) for incoming or outgoing messages.
- *Dial-Up Modem* – to enable or disable the dial-up modem function.

Phone Lock Setting – if set to *On Power Up*, when your phone is turned on, only emergency call, answering incoming calls, and functions of viewing personal information under ICE Contacts List are available. Or select *Unlocked* to disable this setting.

Lock Phone Now – to lock the phone with security code. When the phone is locked, you must enter your lock code to use the phone again.

Restore Phone – to reset phone settings to factory defaults.

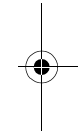


System Select

To set your phone to roam or search for another network when you are not in your home area, select **MENU > SETTINGS & TOOLS > Phone Settings > System Select** and one of the following options:

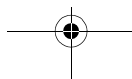
Home Only – make and receive calls in your home area only.

Automatic – search for service in another network. The roaming rate applies when you are not in the home service area.



NAM Selection

If your phone is registered with two phone numbers using number assignment modules (NAM) (for example, work and personal numbers), you can choose which number to use as your origination number. Select **MENU > SETTINGS & TOOLS > Phone Settings > NAM Selection**. To have your phone automatically switch to the proper NAM, select *Auto NAM > On*. To manually choose the origination number, select *Change NAM*.



■ Call Settings

To designate how your phone handles incoming and outgoing calls, select **MENU > SETTINGS & TOOLS > Call Settings**.

Answer Options

To determine how calls may be answered on your phone, select **MENU > SETTINGS & TOOLS > Call Settings > Answer Options** and one of the following:

Flip Open – answer the call by opening the flip.

Any Key – answer the call by pressing any key on the keypad.

Auto With Handsfree – answer the call automatically in about 5 seconds.

Auto With Handsfree mode is not activated except when a headset or hands-free car kit is attached to the phone.

Auto Retry

To set the phone to automatically redial a number when the attempted call fails, select **MENU > SETTINGS & TOOLS > Call Settings > Auto Retry > On or Off**. Occasionally, your network may experience heavy traffic resulting in a fast busy signal when you dial. With automatic retry activated, your phone redials the number (the number of times is specified by the network) and notifies you once the network is available.

TTY Mode

A phone with TTY/TDD (teletype/telecommunication device for the deaf) support is able to translate typed characters to voice. Voice can also be translated into characters and displayed on the TTY. To attach a TTY, enabling you to communicate with parties also using a TTY device, select **MENU > SETTINGS & TOOLS > Call Settings > TTY Mode** and you may select from one of the following:

TTY Full – turn on full TTY capability.

TTY + Talk – turn on TTY in voice carry-over (VCO) mode.




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TTY + Hear – turn on TTY in hearing carry-over (HCO) mode.

TTY Off – turn off TTY mode.

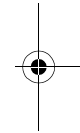
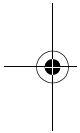


One Touch Dial

To initiate a speed dial call by entering the speed dial digits, select **MENU** > *SETTINGS & TOOLS* > *Call Settings* > *One Touch Dial* > *On* or *Off*. If set to *Off*, long press on the speed dial numbers designated in your Contact List will not function. Otherwise, you need to first press the speed dial numbers and press the Send key . See "Speed Dials," p. 52.

Voice Privacy


To set the voice privacy feature for CDMA calls, select **MENU** > *SETTINGS & TOOLS* > *Call Settings* > *Voice Privacy* > *On* or *Off*. The voice privacy feature protects the privacy of your current phone conversation from other callers placing phone calls on the same network. CDMA offers inherent voice privacy that protects the identity of users and makes interception very difficult. This is a network service.



DTMF Tones

Dual Tone Multi-Frequency (DTMF) tones or touch tones are the tones that sound when you press the keys on your phone keypad. You can use touch tones for many automated dial-up services such as banking and airlines or for entering your voicemail box number and password. To set the key tone length, select **MENU** > *SETTINGS & TOOLS* > *Call Settings* > *DTMF Tones*. Select *Normal* to send out a tone for a fixed period of time no matter how long you press the key, or select *Long* to send out a continuous tone for as long as you keep the key pressed.

Calendar Preview

When an event is added on the current date, to view the event information in the Standby Mode, select **MENU** > *SETTINGS & TOOLS* > *Calendar Preview* > *Main Screen* > *On*. If *Off* is selected,  is displayed in the Standby Mode.



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To set the font size of the event in the Standby Mode, select **MENU** > *SETTINGS & TOOLS* > *Calendar Preview* > *Font Size* > *Normal* or *Large*.

■ Memory

To monitor the amount of phone and card memory you are using for file storage, select **MENU** > *SETTINGS & TOOLS* > *Memory* and one of the following options:

Save Options – to set the location of your pictures, video, and sounds, select *Pictures*, *Videos*, or *Sounds* > *Phone Memory* or *Card Memory*.

Phone Memory – to view phone memory usage. Select from the following options:

- *Phone Memory Usage* – to display the total used and available memory (KB or MB, depending on the file size).
- *My Pictures* – to display the size of each picture file in *My Pictures* on the phone.
- *My Videos* – to display the size of each video file in *My Videos* on the phone.
- *My Music* – to display the size of each music file in *My Music* on the phone.
- *My Sounds* – to display the size of each sound file in *My Sounds* on the phone.

You can also erase or move pictures, videos, and sounds files to a memory card. To erase files, select **Options** > *Erase*, select the files you want, and **MARK** or **Mark All**. Then select **Done** > *Yes* > **OK**. To move files to the memory card, select **Options** > *Move*, select the files you want, and **MARK** or **Mark All**. Then select **Done** > *Yes* > **OK**.

Card Memory – to view card memory usage.



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■ Phone Information

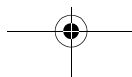
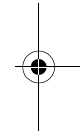
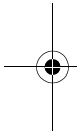
To view information about your phone, select **MENU > SETTINGS & TOOLS > Phone Info** to display the following information:

My Number – the active phone number.

SW/HW Version – the current software and hardware version for your phone.

Icon Glossary – the library of screen icons shown while on a call or when using features.

Software Update – to check the status of your current software on your phone. This feature will not work if you are in roaming or emergency mode. To check if there are new software updates available for your phone, select *Check New*.



9. Voice Commands

Voice commands transform your device into your own virtual personal assistant, letting you use your voice to make phone calls, look up contacts, play and control your music, and so on.


Before using voice services, note the following:

- Voice commands are language-dependent. They are not dependent on the speaker's voice.
- Voice commands are sensitive to background noise. Use them in a quiet environment.
- Very short names are not accepted. Use long names, and avoid similar names for different numbers.



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

■ Activate and Use Voice Commands

To activate the voice commands function, select **MENU > SETTINGS & TOOLS > Tools > Voice Commands**, or press the Voice Command key  (see "Phone at a Glance," p. 11). The following options are displayed:

1. *Call <Name> <Loc>* – say "Call" and then a name or a phone number from your Contact List. For example, "Call Tom Smith", "Call Tom Smith's mobile", or "Call 617 515 212".
2. *Send <Msg Type>* – say "Send Message" and the command will prompt you for the type of message. After choosing the desired message type (Text, Picture, or Video), the system will ask you for the contact name or number.

Or, if you say a full-sentence command such as "Send text to Tom", the command will prompt you to confirm the message and ask for the contact number. It will automatically start a message based on the message type you asked.


Voice Commands

3. *Lookup <Name>* – say "Lookup" and the name from your Contact List (for example, "Lookup Tom") to retrieve and display information of the voiced contact.
4. *Play <Playlist>* – say "Play" and the name of the playlist stored in your phone (for example, "Play Knock").
5. *Go To <Menu>* – say "Go To" to open the list of menu options on your phone and choose the menu you want. Or say a full command by saying "Go To" and the application name (for example, "Go To Contacts").
6. *Check <Item>* – say "Check" and the command prompts you for a list of items. Or say "Check status" to hear all status information of your phone; including network status, voicemail, message, number of missed call, time and date, battery level, signal strength and volume.
7. *My Account* – say "My Account" to access your Verizon Wireless account information.
8. *Help Guide* – say "Help Guide" to see all instructions on how to use these commands.

For detailed instructions on how to use each command, select the command you want (except for *Help Guide*) and press Info.

To adjust the settings of your voice commands, press **Settings** to view more options.

■ Voice Commands Settings

To access the Voice Settings menu, select **MENU > SETTINGS & TOOLS > Phone Settings > Voice Settings**. Or press the Voice Command key  (see "Phone at a Glance," p. 11), and then press **Settings**.

The following settings are available:

- *Choice Lists* – when your phone is unsure of the name or number you have said, a list of three choices is shown. This setting allows you to control how and if the choices are displayed. You can set the choices to be shown:
 - *Automatic* – is the default setting and displays a list of choices

Voice Commands


- *Always On* – displays a list of choices
- *Always Off* – always chooses the best match for selecting a contact
- *Sensitivity* – use the Directional key to set how sensitive the voice recognition on your phone is. If many of your voice commands are rejected, then press Down on the Directional key to adjust the setting towards *Reject Less*. If your phone is not recognizing your commands correctly and is activating the wrong names or numbers, press Up the Directional key to adjust the setting towards *Reject More*.
- *Digit Dialing* – to set how your phone recognizes your voice. Select *Adapt Digits* to allow your phone to recognize your voice for each number on your Alphanumeric keypad. Your phone will ask you to say a sequence of numbers, so they can be recorded. When the numbers are recorded, they will be played back to you. You can rerecord them if you are unhappy with your pronunciation, otherwise select **OK**. Select *Reset Digits* to restore the number sounds to the original factory settings (functions after use *Adapt Digits*).
- *Sound* – to set how your phone prompts you for your voice command information.
Select *Mode > Prompt Mode, Readout Mode, or Tones Only Mode*.
 - In *Prompt Mode*, your phone prompts you for information.
 - In *Readout Mode*, your phone prompts you for information and reads out the menu items as you navigate.
 - In *Tones Only Mode*, your phone prompts you with beeps only.Select *Name Settings* to alter the way a name sounds when your phone plays it. There are two settings to adjust.
 - Select *Speed* to change the speed that a name is played back.
 - Select *Volume* to set the volume that a name is played back.Select *Speakerphone* to control if the speakerphone is *On* or *Off* when the voice recognition on your phone has been activated.
- *About* – to see information about voice signal.

Enhancements

10. Enhancements

Check the model number of any charger before use with this phone. This phone is intended for use when supplied with power from charger AC-6U for the BL-5C battery.



 **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.

Battery and Charger Information

11. Battery and Charger Information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-5C 1020 mAh Li-Ion battery. This device is intended for use when supplied with power from the following chargers: AC-6U travel charger. 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 of an unapproved battery or charger 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 turn 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 a 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.



Battery and Charger Information

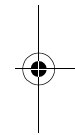
Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

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, 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.

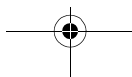
Use the battery only for its intended purpose. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.



■ Nokia Battery Authentication Guidelines

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:

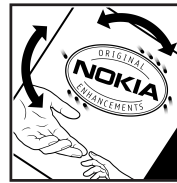
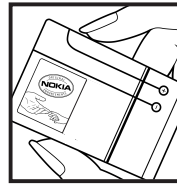
Successful completion of the steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic, original Nokia battery, you should refrain from using it, and take it to the nearest authorized Nokia service point or dealer for assistance.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



Battery and Charger Information

Authenticate Hologram

1. When you look 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.



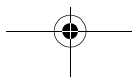
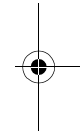
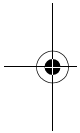
Care and Maintenance



Care and Maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The following suggestions 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.
- 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.



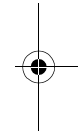
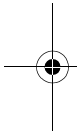


Care and Maintenance



- Use chargers indoors.
- Always create a backup of data you want to keep, such as contacts and calendar notes.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

These 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



Additional Safety Information

■ Small Children

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

■ Operating Environment

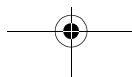
This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inch) away from the body. When a carry case, belt clip, or holder is used for body-worn operation, it should not contain metal and should position the 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 the above separation distance instructions are followed until the transmission is completed.

■ 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. Turn 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.
- 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.



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



Warning: Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

■ 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



Additional Safety Information

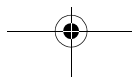
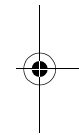
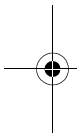
control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added.

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. Turn 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

Turn 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. Turn 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 and areas 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.





Additional Safety Information

■ Emergency Calls



Important: This device operates using radio signals, wireless networks, landline networks, and user-programmed functions. If your device supports voice calls over the internet (internet calls), activate both the internet calls and the cellular phone. The device will attempt to make emergency calls over both the cellular networks and through your internet call provider if both are activated. 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, power it on. Check for adequate signal strength. Depending on your device, you may also need to complete the following:
 - Insert a SIM card if your device uses one.
 - Remove certain call restrictions you have activated in your device.
 - Change your profile from offline or flight profile mode to an active profile.
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 SEND key .

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.



Additional Safety Information

■ Certification Information (SAR)

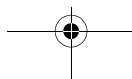
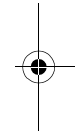
This mobile device meets guidelines for exposure to radio waves.

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 organization 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 **0.53 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.

Your mobile device is also 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 highest SAR value reported under this standard during product certification for use at the ear is **0.96 W/kg** and when properly worn on the body is 0.84 W/kg.



Additional Safety Information

■ **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 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.

■ **Technical Information**

Type designation – RM-347

Dimensions – width, 45 mm; length, 92 mm; depth, 18.2 mm

Weight – 93.5 g with 1020 mAh Li-Ion battery (BL-5C)

Main Display – 2.0"-in TFT, 176x220 pixels (QCIF+), 262,000 colors

External Display – 1.28-in CSTN, 128x128 pixels, 65,000 colors

Camera – integrated 1.3Mpixels with digital zoom and flash

Removable Memory – microSD (Trans Flash)

Wireless networks – CDMA 800 and 1900 MHz, and CDMA2000 1xRTT and EVDO

Frequency range (Tx) – PCS: 1851.25-1908.75 MHz;

cellular: 824.70-848.31 MHz

Frequency range (Rx) – PCS: 1931.25-1988.75 MHz;

cellular: 869.70-893.31 MHz

GPS frequency – 1575.42 MHz

Bluetooth frequency range – 2.402-2.48 GHz

Additional Safety Information

■ Battery Information

This section provides information about battery charging times with the AC-6U travel charger, and talk and standby times. Be aware that the information in this section is subject to change. For more information, contact your service provider.



Important: Battery talk and standby times are estimates only and depend on signal strength, network conditions, features used, battery age and condition, temperatures to which battery is exposed, use in digital mode, and many other factors. The amount of time a device is used for calls will affect its standby time. Likewise, the amount of time that the device is turned on and in the Standby Mode will affect its talk time.

Charging times

The following charging times are approximate:

Charger options	AC-6U
BL-5C 1020 mAh Li-Ion battery	Up to 3 hours

Talk and standby times

Operation times are estimates only and depend on signal strength, device use, network conditions, features used, battery age and condition (including charging habits), temperatures to which the battery is exposed, and many other factors.

Function	Digital
Talk time	Up to 4 hours 30 minutes
Standby time	Up to 253 hours

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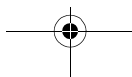
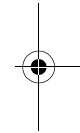
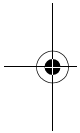
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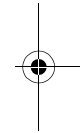
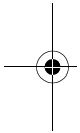
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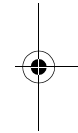
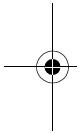


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