

Expanding the Capabilities of Your Device

package may stop working. Refer to the documentation of the installed software package for details.

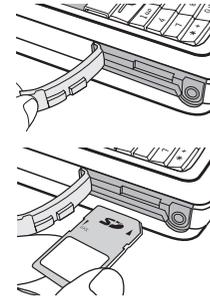
■ Installing/Removing a Memory Card

With additional memory cards you can easily expand the memory space of your device for storing more programs or files or exchange them with other users. Your device accepts the standard or mini (a memory card converter is required) SD (Secure Digital) memory cards.

 **Important:** Close all running programs that use the memory card before removing it. Otherwise data error or loss will occur, or the memory card itself will be damaged.

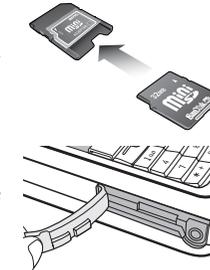
Installing a Standard Memory Card

1. Open the protective cover on the memory card slot as shown.
2. Insert the memory card all the way into the slot. Pay attention to the direction of the metal contacts on the memory card when inserting.
3. Close the protective cover.



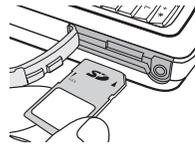
Installing a Mini SD Memory Card

1. Insert the Mini SD memory card into the memory card converter.
2. Open the protective cover on the memory card slot as shown.



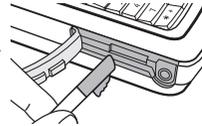
Expanding the Capabilities of Your Device

3. Insert the memory card converter all the way into the slot. Pay attention to the direction of the metal contacts when inserting.



Removing a Memory Card

1. Close all running programs that use the memory card.
2. Open the protective cover on the memory card slot.
3. Push the memory card inward using your fingernail or the opposite side of the stylus. The card will pop up from the slot.
4. Remove the memory card from the slot.
5. Close the protective cover.



Formatting a Memory Card

- **Important:** Formatting the memory card will cause all programs and file data on the card to disappear.
- Make sure the write-protection switch on the memory card has been moved to the write-enabled position.

1. Make sure that the power of the device is sufficient and not too low.
2. In the Main screen, tap the  icon.
3. Tap **Format disk**.
4. From the dialog that appears, tap to select the disk you want to format.
5. Tap **Format**. Your device will begin formatting the memory card.

 **Important:** Do not remove the memory card while formatting. Otherwise the card will be damaged.

Renaming a Memory Card

1. In the Main screen, tap the  icon.
2. Tap **Format disk**.
3. From the dialog box that appears, tap to select the disk you want to rename.
4. Tap **Rename** and enter the new name in the **Name** field.
5. Tap **Done**.

Managing and Personalizing Your Device

7. Managing and Personalizing Your Device

■ Managing Application Programs

Grouping Application Programs

You can put application programs in different groups (folders) for easier access.

1. In the Main screen, tap **All** and select **Edit folders**.
2. You can:
 - Tap the **Add** button to create a new folder. Enter the name for the new folder and then tap the **Done** button.
 - Tap to select a folder on the list and then tap the **Delete** button to delete the selected folder.
 - Tap the **Rename** button to rename selected folder. Enter a new name and then tap the **Done** button.

Setting Application Programs on the Application Shortcut Bar

You can setup the application program shortcuts located on the application shortcut bar by following the steps below:

1. In the Main screen, tap **View** and select **Preferences**.
2. Tap to select the icon of the application program to be replaced on the application shortcut bar in the dialog, and then tap the **Set shortcut** drop-down list to select a new application program.

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3. Tap **Done**.

■ File Management

When connected to a PC that runs Nokia PC Suite for the device, you can manage the files on your device from PC easily.

For more information about how to install and configure PC Suite for the Nokia 6708 and how to manage files, please refer to the users guide on the CD.

■ Personalizing Your Device

Customizing User Profiles

You can personalize how your device looks and sounds by configuring and applying user profiles. A user profile is a combination of user settings, including sound settings, display theme settings and appearance settings. You can also setup different profiles for use in different occasions.

To customize a user profile:

1. In the Main screen, tap the  icon to open **Settings**.
2. Tap **User Profiles**.



 **Tip!** You can also enter the profile setup screen by tapping the  icon on the Status bar and then tap Setting in the dialog that appears.

3. Tap to select a profile from the **Profiles** drop-down menu.
4. Specify the settings by selecting options in drop-down menus.

 **Tip!** You can tap the  icon to listen to the sound.

Changing Themes

To select a display theme, scroll down to tap **Apply Theme** in **User profiles**, and select a theme from the dialog box that follows and then tap **Select**.

Changing Appearance

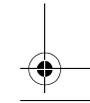
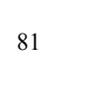
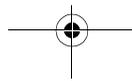
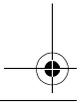
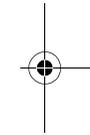
To select a different picture as the background image of the Main screen, scroll down to tap **Apply Appearance** in **User profiles** and then select **Find image** in the **Background** drop-down menu. A new dialog box will follow allowing you to select an image. Tap to select a desired image and then tap **Select, Done**.

 **Tip!** You can also drag the slider beside the image to change its size on the screen, or tap the Tile check box to tile smaller images on the screen.

5. Tap **Save** to save, or **Done** to save and apply current profile settings.

Selecting a User Profile

1. In the Main screen, tap the  icon to open **Settings**.
2. Tap **User Profiles**.
3. Tap to select a profile from the **Profiles** drop-down menu.
4. Tap **Done**.



Getting Your Device Connected and Synchronized

8. Getting Your Device Connected and Synchronized

■ Connecting the Device to Other Devices

You can connect your device to other devices using the following connections:

- Infrared connection
- Bluetooth connection
- USB connection

After a connection is established (except USB connection), you can use the **Send as** commands in various application programs to send data to or receive data from the connected devices.

Infrared Connection

1. Refer to the documentation of the device to enable its infrared function.
2. On the device, tap the  icon in the Main screen and select **Infrared, On** or **On for 10 minutes**.
3. Tap **Done**.
4. Align the infrared port of your device with that on the device to be connected. Make sure that the distance in between does not exceed 1 meter (1 m) and there is no obstacles to obstruct transmission.
5. Now you can use the **Send as** command of the application program to send data, or receive data sent from the con-

ected device. When data is received, you will be prompted to select **View** to view the received data, or **Done** to save data to the specific location of the application program.

USB Connection

1. Refer to the users guide on the CD to install and configure PC Suite for the device.
2. Make sure that the power of your device is on and the connection mode has been set to **PC Connect** (See "USB cable" on page 40).
3. Connect the USB connector on the device to a USB port on the PC using the supplied data cable.

Bluetooth Connection

Bluetooth uses radio waves to enable wireless connections between your device and other Bluetooth-enabled devices within a range of approximately 10 metres. Typically, using Bluetooth you can connect your device to a telephone headset or a PC.

Establishing Bluetooth Connection

Refer to the steps below for how to connect your device to a PC via Bluetooth connection.

Getting Your Device Connected and Synchronized

1. Tap the  icon on the Main screen and then select **Bluetooth** on the **Connections** tab.
2. Check the **Bluetooth on** check box to become connectable to other devices, and then select **Yes** or **For 10 minutes in Visible for other devices**.
3. Set up **Receiving items** as **Always receive** or **Ask first**.
4. If necessary, you can also enter a new name for your device in the **Name of my device** box.
5. Make sure the Bluetooth connection of the device you want to connect is activated.
6. Tap the **Devices** tab and then **Add**. Your device searches for all devices in the vicinity.
7. Tap to select the device you want your device to pair with and, if necessary, enter a passkey. When the passkey is accepted, the pairing process is complete.
8. On your PC (or other Bluetooth devices), a **Bluetooth PIN Code Required** bubble will pop up. Click the bubble, enter the passkey in the dialog that appears and then click **OK**. The passkey entered here must match that entered in step 7.
9. Double-click the **My Bluetooth Places** icon on the Desktop and select **View devices in range**. The Nokia 6708 icon will appear.
10. Double-click the Nokia 6708 icon and all available services will appear.
11. Double-click a service icon to use the service it represents:
 - **Audio gateway on Nokia 6708:** Allows you to transfer voice during a phone call from the device to the speakers on your PC.
 - **Bluetooth Serial Port on Nokia 6708:** Allows you to synchronize data between the device and PC via Bluetooth connection.
 - **Dial-up Networking on Nokia 6708:** Allows you to use the device as a modem to connect to the Internet (refer to "Setting up GPRS Modem via Bluetooth Connection" on page 85 for more detailed description).
 - **Object Push on Nokia 6708:** Allows you to exchange entries (for example, files and PIM data.) between the device and PC.



Note: The Bluetooth PIN code is a set of code for pairing and identifying Bluetooth devices. You can use any combination of numbers or letters for the code. However, the code entered on your device and the Bluetooth device must be identical.

- If you are using a Bluetooth headset, please check the documentation that comes with the headset for the Bluetooth PIN code.

Breaking Bluetooth Connection

1. Tap the  icon on the Main screen and then select **Bluetooth** on the **Connections** tab.
2. Uncheck the **Bluetooth on** check box and then tap **Done**.

Getting Your Device Connected and Synchronized

■ Using the Device as a GPRS Modem

Setting up GPRS Modem via USB Connection

1. Install PC Suite for the Nokia 6708.

 **Note:** For more information about how to install and configure PC Suite for the Nokia 6708, please refer to the users guide on the CD.

- The steps below describe the setup procedure in Windows XP. If you are using other Windows operating systems, please follow similar steps.
2. Make sure that the power of your device is on and the connection mode has been set to **Modem** (See "USB cable" on page 40).
 3. Connect the USB connector on the device to a USB port on the PC using the supplied data cable.
 4. On your PC, click the **Start** button on Windows Taskbar, right-click on **My Computer** and select **Properties**.
 5. Click the **Hardware** tab and then click **Device Manager**.
 6. Double-click **Modems**, and then **Nokia 6708 Modem**.
 7. In the dialog that appears, click the **Advanced** tab.
 8. Enter the following string in the **Extra initialization commands** box, and then click **OK**.

+cgdcont=1,"ip","APN"

 **Note:** Consult your network service provider for the APN and replace the APN in the string above with the actual one.

9. Click the **Start** button on Windows Taskbar and then select **Connect to, Show all connections**.
 10. Click **Create a new connection**.
 11. In the **New Connection Wizard** dialog, click **Next**.
 12. Click **Connect to the Internet** and then **Next**.
 13. Click **Set up my connection manually** and then **Next**.
 14. Click **Connect using a dial-up modem** and then **Next**.
 15. In the dialog that follows, click to choose **Modem - Nokia 6708 Modem** and then click **Next**.
 16. In the dialog that follows, enter a connection name in the **ISP name** box, and then click **Next**.
 17. Enter ***99#** in **Phone number** box in the dialog that follows and then click **Next**.
 18. Enter the user name and password in the dialog that follows and then click **Next**.
-  **Note:** Consult your network service provider for the user name and password if required.
19. Click **Finish**, and then click **Properties** in the **Connect** dialog that follows.

Getting Your Device Connected and Synchronized

20. Click **Configure**, uncheck **Enable hardware flow control** and then click **OK**.
21. Click **OK** to return to the **Connect** dialog. Now you can click **Dial** to start using the device as a GPRS modem to connect to the Internet.
9. Double-click the **Dial-up Networking on Nokia 6708** service icon.
10. Click **Properties** in the **Connect** dialog that follows.
11. Click **Configure**, uncheck **Enable hardware flow control** and then click **OK**.
12. Enter ***99#** in **Phone number** box and click **OK** to return to the **Connect** dialog.
13. Now you can click **Dial** to start using the device as a GPRS modem to connect to the Internet.

Setting up GPRS Modem via Bluetooth Connection

1. Perform step 1 through 8 in "Establishing Bluetooth Connection" on page 82 to establish Bluetooth connection.
 2. On your PC, click the **Start** button on Windows Taskbar, right-click on **My Computer** and select **Properties**.
 3. Click the **Hardware** tab and then click **Device Manager**.
 4. Double-click **Modems**, and then **Bluetooth Modem**.
 5. In the dialog that appears, click the **Advanced** tab.
 6. Enter the following string in the **Extra initialization commands** box, and then click **OK**.
+cgdcont=1,"ip";APN"
-  **Note:** Consult your network service provider for the APN and replace the APN in the string above with the actual one.
7. Double-click the **My Bluetooth Places** icon on the Desktop and select **View devices in range**. The Nokia 6708 icon will appear.
 8. Double-click the Nokia 6708 icon and all available services will appear.

Synchronizing Data

Performing Remote Synchronization with a Server

If you are frequently on the move and need to keep your data synchronized, remote sync will be an ideal choice. Remote synchronization requires support of the following from your network service provider:

- GPRS or dial-up data connection service
- A synchronization server

In order to perform remote synchronization, you need to correctly configure the remote synchronization settings.

Configuring Remote Synchronization Settings

Consult your network service provider and obtain the following information:



Getting Your Device Connected and Synchronized

- Remote synchronization server address
- User name and password

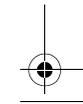
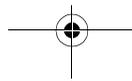
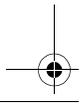
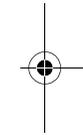
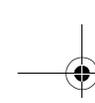
Next, configure the remote synchronization settings following the steps below.

1. Tap the  icon on the Application shortcut bar, all application program icons on your device are displayed.
2. Tap **Remote sync**.
3. Tap **Edit** and select **Preferences**.
4. According to the data obtained from your network service provider, complete the settings on the **Server** and **Protocol** tabs.
5. Tap **Done**.



Performing Remote Synchronization

1. Tap the  icon on the Application shortcut bar.
2. Tap **Remote sync**.
3. Tap **Sync**.



9. Troubleshooting Information

If you encounter problems when using your device, please refer to the troubleshooting information below to solve them. If the problem still persists after you have tried the suggested solutions, please contact your dealer for assistance.



Note: Do not attempt to disassemble the device by yourself. There are no user serviceable parts inside.

Call Related Problems

? Cannot make outgoing calls.

☞ Check the following:

- Is your device in the **Offline mode**? Change to other profiles except **Switch off** so you can use the call related functions.
- Is there a SIM card in the device? Install a valid SIM card.
- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.
- Is the call barring feature activated? Deactivate the feature if necessary.
- Is the fixed dial number feature activated? Deactivate the feature if necessary.

? Cannot answer incoming calls.

☞ Check the following:

- Is your device in the Offline mode? Change to other profiles except Switch off so you can use the call related functions.

- Is there a SIM card in the device? Install a valid SIM card.
- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.
- ? **Can not use certain call functions (for example, call waiting, or call barring).**

☞ Depending on your network service provider, some call services may require extra subscription. Please contact your network service provider for details.

? There are noises during a call.

☞ Check the following:

- Are you near a strong electromagnetic source (such as a TV or a microwave oven) during the call? Move to another location to reduce the interference effects.
- Check the status of signal reception. If necessary, move to another location where reception is better.

Message Problems

? Cannot send or receive text messages.

☞ Check the following:

- Is the device in the **Offline mode**? Switch it to other profiles except **Switch off**.
- Has the message center number been set? You have to configure the message center number manually if it is not already programmed on the SIM card.

Troubleshooting Information

- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.
- ? **Cannot send or receive multimedia messages.**

☞ Check the following:

- Is the device in the **Offline mode**? Switch it to other profiles except **Switch off**.
- Have you subscribed the MMS service to your network service provider? The MMS service may require extra subscription.
- Has the MMS setting been correctly configured? Check the setting with your network service provider.
- The status of phone memory. Is there enough space? Delete some files if necessary.

- ? **Cannot send or receive email.**

☞ Check the following:

- Is the device in the **Offline mode**? Switch it to other profiles except **Switch off**.
- Have you subscribed the dial-up or GPRS data service to your network service provider? These services may require extra subscription.
- Has the email setting been correctly configured? Check the setting with your email service provider.

Internet Problems

- ? **Cannot connect to the Internet.**

☞ • Is the device in the **Offline mode**? Switch it to the **General** mode.

- Have you subscribed the dial-up or GPRS data service to your network service provider? These services may require extra subscription.
- Has the Internet setting been correctly set? Check with your Internet service provider for correct setting.

Application Program Problems

- ? **The application program freezes.**

☞ Remove the device battery, put it back on and turn on the device.

- ? **Cannot add new data (for example, new contact, task or agenda entry).**

☞ Check the status of phone memory. Is there enough space? Delete some files if necessary.

- ? **Error occurs when playing music files or video clips.**

- ☞ • The music file or video clip format may not be compatible with the Music Player. Check the file format or convert it to an acceptable format on PC.
- When exchanging files, make sure that you put the files in their specific folders in phone memory or on the memory card, otherwise the device may not be able to recognize them correctly. For example, when copying music files to the device memory/memory card, put them in the folder named "audio" in the "Media files" folder. The folders will be created automatically when running their corresponding application programs. For example, the "audio" folder will be created after you run the Music player application program.

Troubleshooting Information

■ Connection Problems

① Cannot connect the device to PC using the data cable.

☞ Check the following:

- Is the power of the device turned on?
- Has the USB connection mode on the device been set to PC connect?

① Cannot use the device as a GPRS modem to connect to the Internet.

☞ Check the following:

- Is the power of the device turned on?
- Has the USB connection mode on the device been set to Modem?
- Is the APN setting correct?

■ System Problems

① Cannot turn on the device.

☞ Check the following:

- Is the battery fully charged? Check the battery and fully charge it if necessary.
- Are the battery contact terminals clean? Seek your dealer's help to clean the terminals.

① What should I do if the "The storage of your device is running low" message appears?

☞ Try to delete some unnecessary files from the device memory, or move them to the memory card. It is recommended that

you use PC Suite for the Nokia 6708 to back up your data regularly in order to prevent loss of data.

① What should I do if a "system is busy" message appears and I am unable to open more application programs?

- ☞ Please follow the instructions on the screen to remove the battery, re-install it on the device and power on the device again.
- When you finish using an application program, close it by tapping **Exit** or similar commands. This will help to free up system memory space and prevent the problem from happening.

Product Specifications

10. Product Specifications

General

- Operating system: Symbian OS v7.0
- User interface: UIQ 2.1
- Dimension: 118x52x17mm
- Weight: 150g
- Tri-band: 900/1800/1900 MHz
- Speech coding: HR, FR, EFR
- GPRS class 10/ Class B
- GPRS coding scheme: CS-1, CS-2, CS-3, CS-4
- SIM card: 3V type of small plug-in card
- Additional memory card: standard SD card

Display

- TFT LCD
- 65K color (16-bit)
- Touch screen
- 208x320 pixel

Connectivity

- GPRS Class B/ Class 10
- GSM Circuit Switched Data
- Bluetooth
 - Nokia 6708 Bluetooth is in compliance with the Bluetooth specification 1.1.
 - Coverage: up to 10 meters.
- Infrared
 - SIR (max data speed between the device and other infrared devices is up to 115,200bps)
- USB

- Built-in mini USB interface

Internet

- WAP version
 - WAP 2.0, WAP 1.2.1
- Content
 - WML 1.x as WBXML
 - WML 1.x as Plain text
 - HTML 1.0
 - HTML- Basic
 - HTML-Mobile Profile
 - HTML
 - HTML 4.01
 - WCSS
- Protocol
 - WAP stack: WSP, WTP, WTLS, WDP
 - HTTP stack: HTTP, TLS, SSL
- Scripting
 - WML script
- Images support
 - WBMP, GIF, GIF animations, JPEG, BMP, PNG
- Sound support
 - AMR, i-Melody, MIDI, MP3, WAV
- Video support
 - Mpeg4, 3GP
- Applet support
 - Java Applets
- Security
 - WTLS Class I, II, III
 - SSL 3.0/ TLS 1.0



Product Specifications



- Java
 - CLDC 1.0
 - MIDP 2.0
 - JSR 120
 - JSR 82 (No OBEX)



Note: Specifications are subject to change without prior notice.

Camera

- Built-in 1.3 mega pixel camera
- Self-taking mirror
- Picture size: 1280x1024, 640x480, 320x240, 160x120
- Video size: 176x144, 128x96
- Quality: user selectable 3 quality levels of image, audio, and video
- Storage: user selectable phone memory or external memory
- Video recording size mode: user selectable 4 types of recording size modes

Photobase

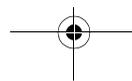
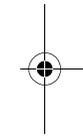
- Format: JPEG, BMP
- Sharing by: Infrared, Bluetooth, SD card, E-mail attachment, MMS, file transfer using PC Suite for the Nokia 6708

Video player

- Format: .MP4, .3GP
- Sharing by: Infrared, Bluetooth, SD card, E-mail attachment, MMS, file transfer using PC Suite for the Nokia 6708

Music player

- Format: .AMR, .MP3, .WAV, .MID, .AU
- Sharing by: Infrared, Bluetooth, SD card, E-mail attachment, MMS, file transfer using PC Suite for the Nokia 6708



Battery information

11. Battery information

■ Charging and discharging

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. 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.

This device has an internal, nonremovable, rechargeable battery. Do not attempt to remove the battery from the device as you may damage the device. Take it to the nearest authorized service facility for replacement of the battery.

If a replacement 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.

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.

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.

To prolong battery life of NiMh batteries, discharge the battery from time to time by leaving your device switched on until it turns itself off. Do not attempt to discharge the battery by any other means.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

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.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

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.

12. Genuine Enhancements

A new extensive range of enhancements is available for your phone. Select the enhancements which accommodate your specific communication needs.



Some of the enhancements are described in detail below.

For availability of the enhancements, please check with your local dealer. A few practical rules for enhancements operation:

- Keep the enhancements out of small children's reach.
- When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.
- Check regularly that all mobile phone equipment in a vehicle is mounted and operating properly.

Use only batteries, chargers and enhancements approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the device, and may be dangerous.

Power

Type	Tech	Talktime*	Standby*
BP-3001L	Li-Ion	up to 2 -5 hours	up to 150 - 300 hrs

* Variation in operation times may occur depending on SIM card, network and usage settings, usage style and environments. Use of integrated hands-free will affect talktime and standby.

RECHARGEABLE LI-POLYMER BATTERY. USE NOKIA SPECIFIED CHARGER ONLY. MAY EXPLODE IF DISPOSED OF IN FIRE. DO NOT SHORT-CIRCUIT. DO NOT INCINERATE. DO NOT DISASSEMBLE.

Travel Charger (AC-1001C)

Small, lightweight travel charger with multivoltage (100 - 240V) switcher technology. Provides easy and convenient way to charge the device.

Note: The plug types vary according to different markets.

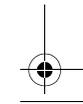
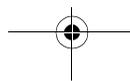
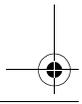
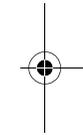
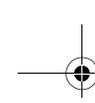


Genuine Enhancements

■ Audio

Fashion Stereo Headset (HS-46)

This stereo headset has a beautiful and distinctive Nokia design. Gives you excellent audio quality and you can answer or end calls by pressing the remote control button.



13. 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.
 - 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.

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

14. 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 (8/7 inches) 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.

In order to transmit data files or messages, this device requires a good 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. 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.

Pacemakers

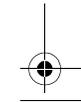
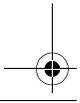
Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should do the following:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker
- Not carry the device in a breast pocket
- Hold the device to the ear opposite the pacemaker to minimize the potential for interference.

If you suspect interference, switch off your device, and move the device away.

Hearing aids

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



Additional Safety Information

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.

Additional Safety Information

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 SIM card is properly inserted in the device.
- 2 Press the  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  key.

If certain features are in use, you may first need to turn those features off 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.

Certification information (SAR)

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network.

In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure.

The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 0.45 W/kg and when worn on the body, as described in this user guide, is 0.51 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of



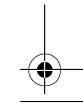
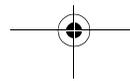
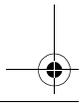
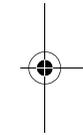
Additional Safety Information



various phones and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels and meets the FCC RF exposure evaluated as in compliance with the guidelines when used with the Nokia FCC RF exposure guidelines. SAR accessories supplied or designated for information on this model phone is this product. Use of other accessories on file with the FCC and can be may not ensure compliance with FCC found under the Display Grant RF exposure guidelines.section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID QTLRH-72.

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.nokia.com. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the Nokia accessories supplied or designated for this product.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.



Limited Warranty

15. Limited Warranty

Nokia Corporation, represented by its Mobile Phones Division, ("Nokia") warrants that this Nokia product and/or genuine Nokia accessory ("Product") is free from defects in material and workmanship, according to the following terms and conditions:

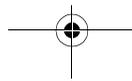
1. This limited warranty provided for the Product shall be twelve (12) months from the date of purchase of the Product.
2. This limited warranty applies only to Products purchased in one of the countries (or areas) listed below. This limited warranty is only valid in Nokia's intended country (or area) of sale of the Product.
3. During the limited warranty period, Nokia or its authorized service network will repair or replace, at Nokia's option, any defective Product or parts thereof with new or refurbished replacement items, and return the Product to the consumer in working condition. No charge will be made to the consumer for either parts or labor in repairing or replacing the Product. All original parts, boards or equipment which have been replaced shall become property of Nokia.
4. Any repaired or replaced Product will be warranted for the balance of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.
5. The consumer must provide purchase receipt or other information to prove the date and place of purchase upon request from Nokia or its authorized service centre.
6. Transportation, delivery and handling charges incurred in the transport of the Product to and from Nokia or its authorized service center will be borne by the consumer. Any expenses relating to uninstalling or reinstalling the Product are not covered 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 subject to: abnormal use, abnormal condition, improper storage, exposure to excessive moisture, dampness, temperature or such other environmental conditions; unauthorized modifications, connections, repair including but not limited to use of unauthorized spare parts in repairs; misuse, neglect, abuse, accident, alteration, tampering, improper installation, Acts of God, spill of foods or liquids, or other acts which are beyond the reasonable control of Nokia; and fair wear and tear of the Product.
 - b) The Product was presented for repair after the applicable limited warranty period. In such event, Nokia's normal service policies shall apply and the consumer will be charged accordingly.
 - c) The Product serial number or the accessory date code has been removed, defaced or altered.
 - d) The defect or damage was caused by defective function of the external cellular or wireless network system.
 - e) The Product was used with or connected to any accessory not supplied or authorised by Nokia or any accessory not fit for use with the Product.
 - f) The battery pack was tampered with or used in non-compatible Products.
 - g) The defect or damage was caused by the use of any program, software or game application(s) loaded in or used with the Products which were not installed, approved or endorsed by Nokia.
8. If a problem develops during the limited warranty period, the consumer shall deliver the Product to any Nokia Care location or Nokia authorised service centre. The consumer may contact the local Nokia office for the location of the nearest authorised service centre. The consumer shall be charged for any parts or labor not covered by this limited warranty.
9. Nokia reserves the right to refer the consumer to the relevant cellular operator in the event that the Product contains operator specific features before any service will be provided.
10. THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ANY OTHER RIGHTS AND REMEDIES UNDER ANY APPLICABLE LEGISLATION THAT CANNOT BE EXCLUDED. OTHERWISE, TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTY IS EXCLUDED AND THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. TO THE EXTENT PERMITTED BY LAW, NOKIA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR A LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OR IMPAIRMENT OF PRIVACY OF CONVERSATIONS, WORK STOPPAGE OR LOSS OR IMPAIRMENT OF DATA ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.



Limited Warranty



11. Nokia does not authorise any service centre, person or entity to undertake any other obligation or liability on Nokia's behalf beyond that which is expressly provided for in this limited warranty.
12. All warranty information, product features and specifications are subject to change without notice.
13. The countries (or areas) in which this limited warranty is in force, subject to clause 2 above, are Bangladesh, Brunei, Cambodia, Fiji, Guam, India, Indonesia, Laos, Malaysia, Myanmar, Papua New Guinea, Singapore, South Korea, Sri Lanka, Tahiti, Thailand, The Philippines and Vietnam.





Your Details

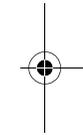
16. Your Details

Name (Mr/Mrs/Ms/Other):

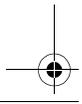
Date of purchase:

Handset model and type:

Please place your identification sticker in the space provided below and keep in a safe place:



Dealer Signature and Stamp



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