

Get started

NOKIA
Nseries

Nokia N78

Issue 3 EN

Model: N78-1



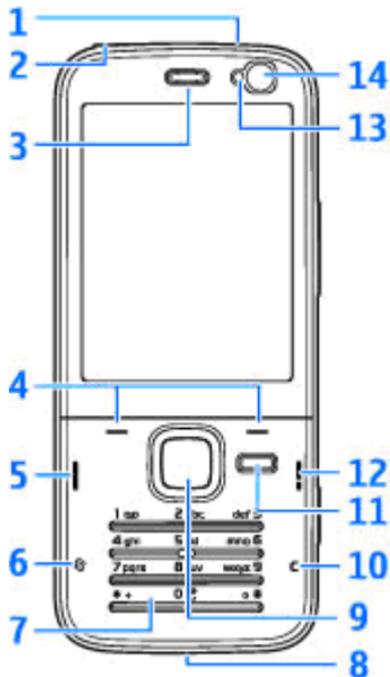
© 2008 Nokia. All rights reserved.

Nokia, Nokia Connecting People, Nseries, N78, Navi, and Nokia Care are trademarks or registered trademarks of Nokia Corporation. Other product and company names mentioned herein may be trademarks or tradenames of their respective owners.

Reproduction, transfer, distribution, or storage of part or all of the contents in this document in any form without the prior written permission of Nokia is prohibited.

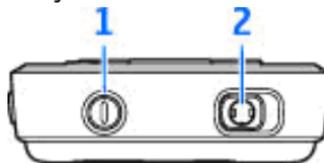
9205913/Issue 3

Keys and parts (front)

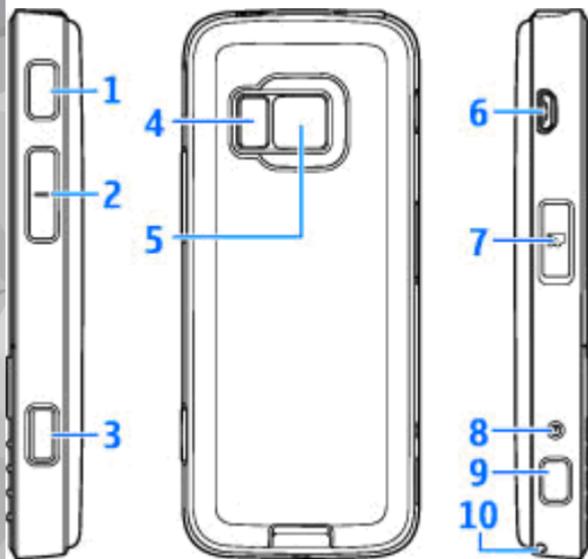


- 1 — Power key
- 2 — Nokia AV Connector (3.5 mm) for compatible headsets, and headphones

- 3 — Earpiece
- 4 — Selection keys
- 5 — Call key
- 6 — Menu key 
- 7 — Numeric keypad
- 8 — Microphone
- 9 — Navi™ wheel. Hereinafter referred to as the scroll key.
- 10 — Clear key C
- 11 — Multimedia key
- 12 — End key
- 13 — Light sensor
- 14 — Secondary camera



Keys and parts (back)



- 1 and 9 — Stereo speakers with 3-D sound effect
- 2 — Zoom/Volume key
- 3 — 2-stage capture key for auto-focus, still image capture, and video recording
- 4 — LED flash

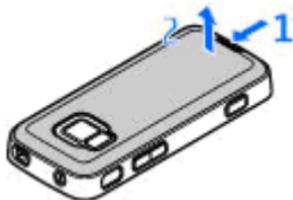
- 5 — Main camera for high resolution (up to 3.2 megapixels) image capture and video recording
- 6 — Micro USB connector to connect to a compatible computer
- 7 — Memory card slot for a compatible microSD card
- 8 — Charger connector
- 10 — Hole for a wrist strap

Insert (U)SIM card and battery

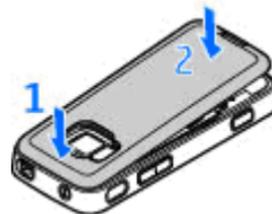
A USIM card is an enhanced version of the SIM card and is supported by UMTS mobile phones.

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

1. With the back of the device facing you, press and hold the release button and lift up the cover.
2. Insert the SIM card into the card holder. Ensure that the bevelled corner on the card is facing toward the slot, and that the contact area on the card is facing down.
3. Insert the battery.



4. To replace the cover, direct the top locking catch toward its slot first and then press down until the cover locks into place.



Switch the device on

1. Press and hold the power key.
2. If the device asks for a PIN code or lock code, enter it, and press the left selection key. The factory setting for the lock code is **12345**.

Your device has internal antennas.



Note: Your device may have internal and external antennas. As with any radio transmitting device, avoid touching the antenna unnecessarily when the antenna is in use. Contact with such an antenna affects the communication quality, may cause the device to operate at a higher power level than otherwise needed and may reduce the battery life.



- 2 — FM transmitter antenna
- 3 — Cellular antenna

Note: The Bluetooth, WLAN, GPS, and FM transmitter antennas are in the back cover of your device. If you change the back cover, verify that you have a genuine Nokia part intended for use with this device, or these connections may stop working.

Memory card

Use only compatible microSD cards approved by Nokia for use with this device. Nokia uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.



Insert the memory card

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

A memory card may be already inserted in the device. If not, do the following:

1. Place your finger in the recess beside the door of the memory card slot, and lift the door. Pull the door to the left to reveal the hinge, and swing the door to the side.
2. Insert a compatible memory card in the slot. Make sure that the contact area on



the card is facing down and towards the slot.

3. Push the card in. You can hear a click when the card locks into place.
4. Push the hinge back in, and close the door. Ensure that the door is properly closed.



Eject the memory card

 **Important:** Do not remove the memory card in the middle of an operation when the card is being accessed. Removing the card in the middle of an operation may damage the memory card as well as the device, and data stored on the card may be corrupted.

1. Before you eject the card, press the power key, and select **Remove memory card**. All applications are closed.

2. When **Removing memory card** will close all open applications. **Remove anyway?** is displayed, select **Yes**.
3. When **Remove memory card** and **press 'OK'** is displayed, open the door of the memory card slot.
4. Press the memory card to release it from the slot.
5. Pull out the memory card. If the device is switched on, select **OK**.



Charge the battery

1. Connect a compatible charger to a wall outlet.
2. Connect the power cord to the device. If the battery is completely discharged, it may take a while before the charging indicator starts scrolling.
3. When the battery is fully charged, the charging indicator stops scrolling. Disconnect the charger from the device, then from the wall outlet.



Tip: Disconnect the charger from the wall outlet when the charger is not in use. A charger that is connected to the outlet consumes power even when it is not connected to the device.

Navi™ wheel

Use the scroll key to move around the menus and lists (up, down, left, or right). Press the scroll key to select the action shown on top of the key or to show the most used options .

When the Navi™ wheel setting is switched on in the settings, you can scroll quickly through Photos, Music Player, Nokia Video Centre, Contacts, and Messaging lists, or the multimedia menu.

1. Move the tip of your finger gently around the rim of the scroll key clockwise or counterclockwise. Keep moving your finger until scrolling starts on the display.
2. To continue scrolling, slide your finger around the rim of the scroll key clockwise or counterclockwise.



To turn the Navi wheel setting on or off, press , and select **Tools > Settings > General > Navi wheel > Navi wheel**.

Sleep mode indicator

When the device is on standby, the rim inside the Navi wheel lights up slowly. The light varies periodically as if the device was breathing. The

breathing is quicker if there are missed calls or received messages.

To turn off breathing, press , and select **Tools > Settings > General > Navi wheel > Breathing**.

Shortcuts

To switch between open applications, press and hold . Leaving applications running in the background increases the demand on battery power and reduces the battery life.

To open the multimedia menu to view your multimedia content, press the multimedia key.

To start a web connection (network service), in the standby mode, press and hold **0**.

In many applications, to view the most common option items () , press the scroll key.

To change the profile, press the power key, and select a profile.

To switch between the **General** and **Silent** profiles, in the standby mode, press and hold **#**. If you have two phone lines (network service), this action switches between the two lines.

To call your voice mailbox (network service), in the standby mode, press and hold **1**.

To open the last dialled numbers list, in the standby mode, press the call key.

To use voice commands, in the standby mode, press and hold the right selection key.

Lock the keypad

When the device or keypad is locked, calls may be possible to the official emergency number programmed into your device.

To lock the keys, press the left selection key, then *.

To unlock the keys, press the left selection key, then *.

You can set the keypad to lock automatically after a time-out.

To illuminate the keypad in low light conditions, briefly press the power key.

Wrist strap

1. Remove the back cover.
2. Thread a strap as shown and tighten it.
3. Replace the cover.



Display indicators

-  The device is being used in a GSM network (network service).
- 3G** The device is being used in a UMTS network (network service).
-  You have one or more unread messages in the **Inbox** folder in Messaging.
-  You have received new e-mail in the remote mailbox.
-  There are messages waiting to be sent in the **Outbox** folder.
-  You have missed calls.
-  The ringing type is set to silent, and the message alert tone and e-mail alert tone are set to off.
-  A timed profile is active.
-  The device keypad is locked.
-  A clock alarm is active.
- 2** The second phone line is being used (network service).
-  All calls to the device are diverted to another number (network service). If you have two phone lines, a number indicates the active line.

-  A compatible microSD card is in the device.
-  A compatible headset is connected to the device.
-  A compatible text phone is connected to the device.
-  A GPRS packet data connection is active (network service).  indicates the connection is on hold and  that a connection is available.
-  A packet data connection is active in a part of the network that supports EGPRS (network service).  indicates the connection is on hold and  that a connection is available. The icons indicate that EGPRS is available in the network, but your device is not necessarily using EGPRS in the data transfer.
-  A UMTS packet data connection is active (network service).  indicates the connection is on hold and  that a connection is available.
-  High-speed downlink packet access (HSDPA) is supported and active (network service).  indicates the connection is on hold and  that a connection is available.
-  You have set the device to scan for wireless LANs, and a wireless LAN is available (network service).

 A wireless LAN connection is active in a network that has encryption.

 A wireless LAN connection is active in a network that does not have encryption.

 Bluetooth connectivity is on.

 Data is being transmitted using Bluetooth connectivity. When the indicator is blinking, your device is trying to connect with another device.

 A USB connection is active.

 Synchronisation is in progress.

Positioning

The Global Positioning System (GPS) is a worldwide radio navigation system that includes 24 satellites and their ground stations that monitor the operation of the satellites. Your device has an internal GPS receiver.

A GPS terminal receives low-power radio signals from the satellites and measures the travel time of the signals. From the travel time, the GPS receiver can calculate its location to the accuracy of metres.

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. The GPS receiver should only be used outdoors to allow reception of GPS signals.

Any GPS should not be used for precise location measurement, and you should never rely solely on

location data from the GPS receiver and cellular radio networks for positioning or navigation.

The GPS receiver is located in the top of the device. When using the receiver, make sure that you do not cover the antenna with your hand.

Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer.



The GPS receiver draws its power from the device battery. Using the GPS receiver may drain the battery faster.

Your device also supports Assisted GPS (A-GPS) (network service).

A-GPS is used to retrieve assistance data over a packet data connection, which assists in calculating the coordinates of your current location when your device is receiving signals from satellites.

When you activate A-GPS, your device receives useful satellite information from an assistance data server over the cellular network. With the help of assisted data, your device can detect satellites that are closer to your device, which speeds up the location calculation.

Your device is preconfigured to use the Nokia A-GPS service, if no service provider-specific A-GPS settings are available. The assistance data is retrieved from the Nokia A-GPS service server only when needed.

Nokia Maps

With Maps, you can see your current location on the map, browse maps for different cities and countries, search for addresses and different points of interest, plan routes from one location to another, and save locations as landmarks and send them to compatible devices. You can also purchase extra services, such as guides and a turn-by-turn navigation service with voice guidance.



Tip: Location information is automatically added to the file details of an image if **Record location** is set on in the camera settings. If you want to see where the image was captured on a map, open Photos.

Press , and select **Maps**. When you use Maps for the first time, you may need to define an internet access point for downloading map information for your current location. To change the default access

point later, select **Options > Settings > Network > Default access point**.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography that you download for use in this device.

When you browse the map on the display, a new map is automatically downloaded if you scroll to an area which is not covered by maps already downloaded. These maps are free of charge, but downloading may involve the transmission of large amounts of data through your service provider's network. For more information on data transmission charges, contact your service provider.

To prevent the device from automatically downloading maps through the internet, for example, when you are outside your home cellular network, select **Options > Settings > Network > Use network > Never**.

Download maps

Nokia Map Loader is PC software that you can use to download and install maps for different countries from the internet to your device or a compatible memory card (if inserted). You can also use it to download voice files for turn-by-turn navigation. To use Nokia Map Loader, you must first install it to a compatible PC. You can download the PC software

at www.nokia.com/maps. Follow the instructions on the screen.

Nokia Video Centre

With Nokia Video Centre (network service), you can download and stream video clips over the air from compatible internet video services using packet data or WLAN. You can also transfer video clips from a compatible computer to your device and view them in Video centre.

Your device may have predefined services. Service providers may provide free content or charge a fee. Check the pricing in the service or from the service provider.

1. To view video clips, press , and select **Video centre**.
2. To connect to a service, select **Video directory** and the desired video service.
Select **Video feeds**. The device updates and displays the content available in the service.
3. To view videos by categories (if available), scroll down.
4. To view information about a video, select **Options > Video details**.
5. Some video clips can be streamed over the air, but others must be first downloaded to your

device. To download a video clip, select **Options > Download**.

To stream a video clip or to view a downloaded clip, select **Options > Play**.

Downloads continue in the background if you exit the application. The downloaded videos are saved in the My videos folder in Video centre.

Play music

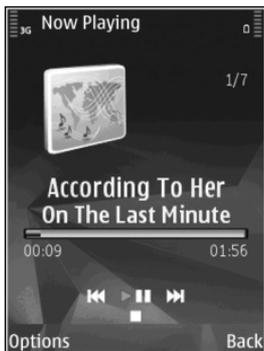
To play a song:

1. Press , and select **Music > Music player**.
2. Select a song or a playlist.
3. To play the selected files, press the scroll key.



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

To close the player, select **Options > Exit**.



About the FM transmitter

The availability of this feature may vary by country. At the time of printing, the FM transmitter part of this equipment is intended to be used in the following countries: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, Germany, Iceland, Ireland, Lithuania, Liechtenstein, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Switzerland, Sweden, Turkey and the United Kingdom. For the latest information and the list of non-European countries where the FM transmitter can be used, see www.nseries.com/fmtransmitter. Before using the feature in a foreign country, see www.nseries.com/fmtransmitter to check if use is permitted.

With the FM transmitter, you can play songs in your device through any compatible FM receiver, such as a car radio or a home stereo system.

The operating distance of the FM transmitter is up to a maximum of 3 metres (10 feet). The transmission may be subject to interference due to obstructions, such as walls, other electronic devices, or from public radio stations. The FM transmitter may cause interference to nearby FM receivers operating on the same frequency. To avoid

interference, always search for a free FM frequency on the receiver before using the FM transmitter.

The FM transmitter cannot be used at the same time as the FM radio of your device.

The operating frequency range of the transmitter is from 88.1 to 107.9 MHz.

When the transmitter is on and transmitting sound,  is displayed in the standby mode. If the transmitter is on, but not transmitting anything,  is displayed and a periodic tone sounds. If the transmitter is not transmitting anything for several minutes, it switches off automatically.

Play a song using FM transmitter

To play a song stored in your device through a compatible FM receiver, do the following:

1. Press , and select **Music > Music player**.
2. Select a song or a playlist to be played.
3. In the Now playing view, select **Options > FM transmitter**.
4. To activate the FM transmitter, set **FM transmitter** to **On**, and enter a frequency that is free from other transmissions. For example, if the frequency 107.8 MHz is free in your area and you tune your FM receiver to it, you must also tune the FM transmitter to 107.8 MHz.
5. Tune the receiving device to the same frequency, and select **Options > Exit**.

To adjust the volume, use the volume function in the receiving device. Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

To deactivate the FM transmitter, select **Options > FM transmitter**, and set **FM transmitter** to **Off**.

If music is not played for several minutes, the transmitter switches off automatically.

Support

Issues with your device?

If you have issues with your device or you are unsure how your device should function, see the online support at www.nseries.com/support or your local Nokia website at www.nokia.com, the Help application in the device, or the user guide. If this does not resolve your issue, try the following:

- Reset the device: switch off the device and remove the battery. After a few seconds, replace the battery, and switch on the device.
- Update your device software with Nokia Software Updater. See www.nokia.com/softwareupdate or your local Nokia website.
- Restore the original factory settings as explained in the user guide. Your documents and files are not deleted in the reset.

If the issue remains unresolved, contact Nokia for repair options. See www.nokia.com/repair. Before sending your device for repair, always back up or make a record of data in your device.

Online

See www.nseries.com/support or your local Nokia website for the latest guides, additional

information, downloads, and services related to your Nokia product.



Tip: You can also access the support pages from the web browser in your device.

Help

The help function provides instructions when using the device. To access it from an application, select **Options > Help**.

User guide

See the user guide for other important information about your device.