

# Nokia C5-03 User Guide

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## Safety

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

### SWITCH OFF IN RESTRICTED AREAS



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

### ROAD SAFETY COMES FIRST



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

### INTERFERENCE



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

### QUALIFIED SERVICE



Only qualified personnel may install or repair this product.

### KEEP YOUR DEVICE DRY



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

### PROTECT YOUR HEARING



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

### Battery removing

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

## Get started

### Insert the SIM card and battery

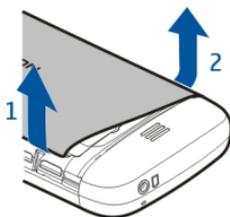
Safe removal. Always switch the device off and disconnect the charger before removing the battery.

**!** **Important:** This device is designed to be used with a standard SIM card (see figure) only. Use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card. Please consult your mobile operator for the use of a SIM card that has a mini-UICC cutout.

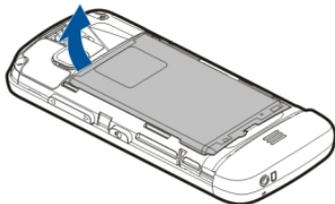


A SIM card may be already inserted in the device. If not, do the following:

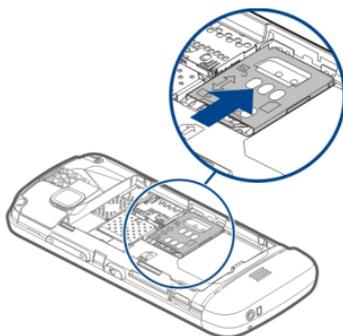
- 1 Remove the back cover.



- 2 Remove the battery, if inserted.



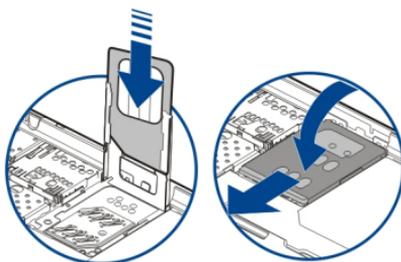
- 3 Slide the SIM card holder, to unlock it.



4 Lift the SIM card holder up.

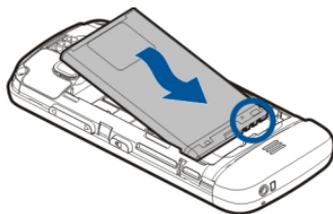


5 Make sure the contact area of the SIM card is facing toward the device, and slide the SIM card into the SIM card holder.

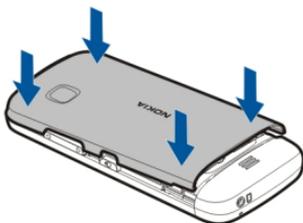


6 Lower the SIM card holder into place. Slide the SIM card holder, to lock it.

7 Line up the battery contacts, and insert the battery.



- 8 To replace the cover, direct the top locking catches toward their slots, and press down until the cover locks into place.



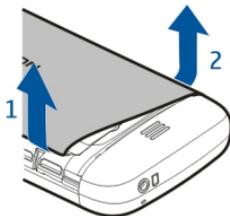
If the SIM card is not properly in place, the device can only be used in the offline profile.

### Insert a memory card

Use only compatible memory cards approved by Nokia for use with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.



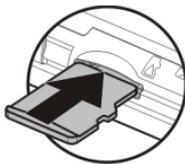
- 1 Remove the back cover.



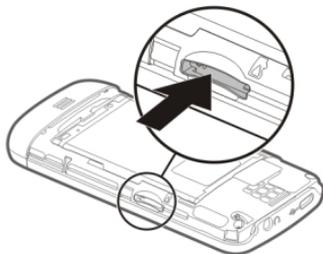
## 8 Get started

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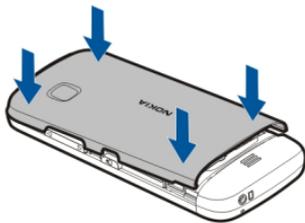
- 2 Make sure the contact area of a compatible memory card is facing down, and insert the card into the memory card slot.



- 3 Push the card in, until it clicks into place.



- 4 Replace the back cover.



### Remove the memory card

**!** **Important:** Do not remove the memory card when an app is using it. Doing so may damage the memory card and the device and corrupt data stored on the card.

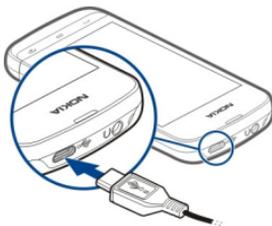
- 1 If the device is switched on, before you remove the card, press the power key, and select **Remove memory card**.
- 2 When **Remove memory card? Some applications will be closed.** is displayed, select **Yes**.

- 3 When **Remove memory card and press 'OK'** is displayed, remove the back cover of the device, and push the card in, until you hear a click.
- 4 Pull out the memory card, and replace the back cover. If the device is switched on, select **OK**.

## Charge the battery

Your battery has been partially charged at the factory, but you may need to recharge it before you can switch on your device for the first time. If the device indicates a low charge, do the following:

- 1 Connect the charger to a wall outlet.
- 2 Connect the charger to the device.



- 3 When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. 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.

**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.

## USB charging

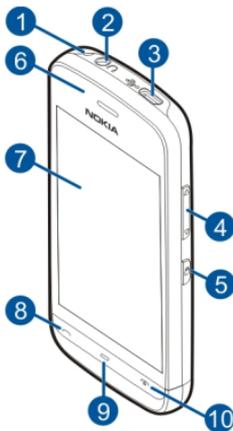
You can use USB charging when a wall outlet is not available. Data can be transferred while charging the device. The efficiency of USB charging power varies significantly, and it may take a long time for charging to start and the device to start functioning.

- 1 Use a compatible USB data cable to connect your device to a compatible USB device. Depending on the type of the device that is used for charging, it may take a while for charging to start.
- 2 If the device is switched on, select the appropriate USB mode.

## 10 Get started

Only connect your device to products that have USB-IF logo.

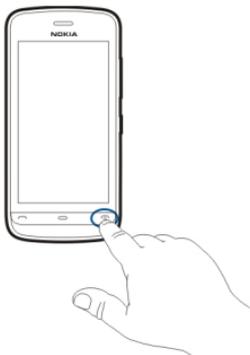
### Keys and parts



- 1 Wrist strap hole
- 2 Nokia AV connector (3.5 mm)
- 3 Micro USB connector
- 4 Volume/Zoom key
- 5 Lock key
- 6 Earpiece
- 7 Touch screen
- 8 Call key
- 9 Menu key
- 10 End/power key
- 11 Camera lens
- 12 Loudspeaker
- 13 Charger connector
- 14 Microphone



## 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 select **OK**. To delete a number, select **X**. The factory setting for the lock code is **12345**.
- 3 Select your location. If you accidentally select the wrong location, select **Back**.
- 4 Enter the date and time. When using the 12-hour time format, to switch between a.m. and p.m., select any number.

## Lock the keys and touch screen

To lock the touch screen and the keys, press the lock key on the side of the device.

To unlock, press the lock key on the side of the device, and select the unlock icon on the screen.

When the touch screen and keys are locked, the touch screen is switched off and the keys are inactive.

The screen and keys may be locked automatically after a period of inactivity.

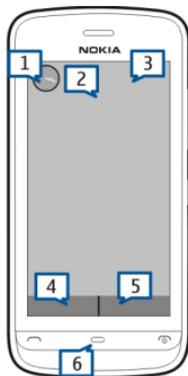
To change the settings for automatic screen and key locking, select **Menu > Settings and Phone > Phone mgmt. > Auto. keyguard > Keypad autolock period**.

## Home screen

The home screen is your starting point where you can collect all your important contacts or application shortcuts.

### Interactive display elements

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To open the clock application, tap the clock (1).

To open calendar or change profiles in the home screen, tap the date or the profile name (2).

To view or modify connectivity settings (↔), to see the available wireless LANs if WLAN scanning is enabled, or to view missed events, tap the top right corner (3).

To make a phone call, select (4), or, if the contacts bar is active, select **Telephone**.

To open Contacts, select (5), or, if the contacts bar is active, select **Contacts**.

To open the main menu, press the menu key (6).

### Start using the contacts bar

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To add a contact to the contacts bar, in the home screen, select (6) and a contact, and follow the displayed instructions.

Contacts need to be saved in the phone memory.

To add a new contact to your contacts list, select (6) > **Options** > **New contact**, and follow the displayed instructions.

Contacts added from the contacts bar are always saved to the phone memory.

## Change the home screen theme

To change the home screen theme or the shortcuts, select **Menu > Settings and Personal > Home screen**.

### Access the menu

To access the menu, press the menu key.

To open an application or folder in the menu, select the item.

### Touch screen actions

#### Open an application or other screen element

Tap the application or element once.

To view the options available for the opened item, select **Options** or, if available, select an icon from a toolbar.

#### Access functions quickly

Tap and hold the item. A pop-up menu with available options opens. For example, to send an image, tap and hold the image, and from the pop-up menu, select the appropriate option.

**Tip:** To see the options available for an opened item, such as an image or a video clip, tap the screen.

#### Select

In this user documentation, opening applications or items by tapping them is called "selecting". If you need to select several items in a sequence, the menu items to select are separated by arrows.

For example, to select **Options > Help**, tap **Options**, and then tap **Help**.

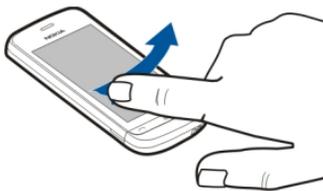
#### Drag an item

Tap and hold the item, and slide your finger across the screen. The item follows your finger.

To scroll up or down on a web page, drag the page with your finger.

#### Swipe

Place a finger on the screen, and steadily slide your finger in the desired direction.



When viewing an image, to view the next or previous image, swipe the image left or right, respectively.

### Scroll

To scroll up or down in lists that have a scroll bar, drag the slider of the scroll bar.

Place your finger on the screen, slide it quickly up or down the screen, then lift your finger. The content of the screen scrolls with the speed and direction it had at the moment of release. To select an item from a scrolling list and to stop the movement, tap the item.

**Tip:** To view a brief description of an icon, place your finger on the icon. Descriptions are not available for all icons.

### Touch screen backlight

The touch screen backlight is turned off after a period of inactivity. To turn the screen backlight on, tap the screen.

If the touch screen and keys are locked, tapping the screen does not turn the screen backlight on.

### Change the ringing tone

Select **Menu > Settings and Personal > Profiles**.

You can use profiles to set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups.

To personalise a profile, go to the profile, and select **Personalise**.

### Nokia services

With Nokia services, you can find new places and services, and stay in touch with your friends. You can do, for example, the following:

- Download games, applications, videos, and ringtones to your phone

- Get music

Some items are free of charge, others you may need to pay for.

The available services may also vary by country or region, and not all languages are supported.

To use Nokia services, you need a Nokia account. When you access a service on your phone, you are prompted to create an account.

For more information, go to [www.nokia.com/support](http://www.nokia.com/support).

### About Nokia Store

 You can download mobile games, applications, videos, pictures, themes, and ringtones to your phone. Some items are free of charge; others you need to pay for with your credit card or on your phone bill. The availability of payment methods depends on your country of residence and your network service provider. Nokia Store offers content that is compatible with your phone and relevant to your tastes and location.

Select **Menu**. To learn more about Nokia Store, go to [www.nokia.com/support](http://www.nokia.com/support).

## Your device

### Contacts bar

To add a contact to the home screen, on the home screen, select  > **Options** > **New contact**, and follow the instructions.

To communicate with a contact, select the contact and from the following:

-  — Call the contact.
-  — Send a message to the contact.
-  — Refresh the contact's web feeds.

To view past communication events with a contact, select the contact. To view the details of a communication event, select the event.

To close the view, select **X**.

### Find an item with adaptive search

Adaptive search makes the characters, letters, numbers, and input symbols of the entries in your device available for searching.

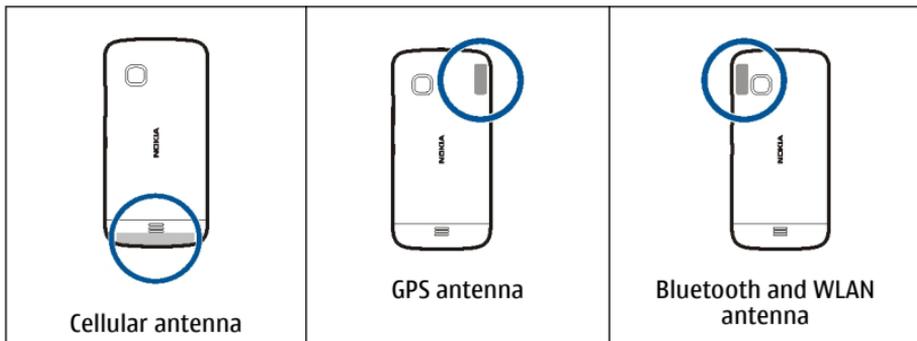
To turn adaptive search on or off, select **Menu > Settings and Phone > Touch input > Adaptive search**.

To use adaptive search when a search field is available, tap the search field, and select the character, letter, number, or symbol of the entry you are searching for. To view more characters, letters, numbers, or symbols, tap ►.

To change the input method for adaptive search under the current writing language, select **Menu > Settings and Phone > Touch input > Chinese find method**.

### Antenna locations

Avoid touching the antenna area while the antenna is in use. Contact with antennas affects the communication quality and may reduce battery life due to higher power level during operation.



### Offline profile

The offline profile lets you use the device without connecting to the wireless cellular network. When the offline profile is active, you can use your device without a SIM card.

#### Activate the offline profile

Press the power key briefly, and select **Offline**.

When you activate the offline profile, the connection to the cellular network is closed. All radio frequency signals to and from the device to the cellular network are prevented. If you try to send messages using the cellular network, they are placed in the Outbox folder to be sent later.

**!** **Important:** In the offline profile you cannot make or receive any calls, or use other features that require cellular network coverage. You may be able to call the official

emergency number programmed into your device. To make calls, you must first change to another profile.

When you have activated the offline profile, you can still use a wireless LAN (WLAN), for example, to read your e-mail or browse on the internet. You can also use Bluetooth connectivity while in the offline profile. Remember to comply with any applicable safety requirements when establishing and using WLAN or Bluetooth connections.

## Shortcuts

To switch between open applications, press and hold the menu key.

Leaving applications running in the background increases the demand on battery power and reduces the battery life.

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

To call your voice mailbox (network service), in the dialler, tap and hold **1**.

To open a list of last dialled numbers, in the home screen, press the call key.

To use voice commands, in the home screen, press and hold the call key.

## Sensor settings and display rotation

When you activate the sensors in your device, you can control certain functions by turning the device.

Select **Menu > Settings and Phone > Sensor settings**.

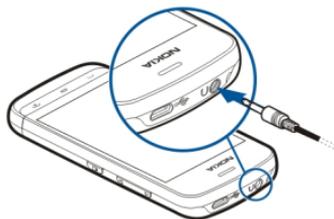
Select from the following:

**Sensors** — Activate the sensors.

**Turning control** — Select **Silencing calls** and **Snoozing alarms** to mute calls and snooze alarms by turning your device so that the display faces down. Select **Auto-rotate display** to rotate the display content automatically when you turn the device on its left side or back to a vertical position. Some applications and features may not support rotating the display content.

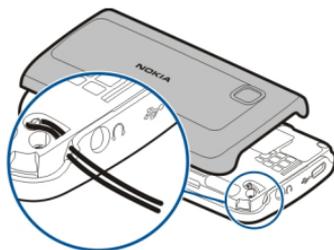
## Headset

You can connect a compatible headset or compatible headphones to your phone.



Do not connect products that create an output signal, as this may damage the device. Do not connect any voltage source to the Nokia AV connector. If you connect an external device or headset, other than those approved by Nokia for use with this device, to the Nokia AV connector, pay special attention to volume levels.

### Attach a wrist strap



## Make calls

### Calls

- 1 In the home screen, select **Telephone** to open the dialler, and enter the phone number, including the area code. To remove a number, select **<X>**.  
For international calls, select \* twice for the + character (which replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number.
  - 2 To make the call, press the call key.
  - 3 To end the call (or to cancel the call attempt), press the end key.  
Pressing the end key always ends a call, even if another application is active.
- 1 To make a call from the contacts list, select **Menu > Contacts**.
  - 2 Go to the desired name. Or, select the search field, enter the first letters or characters of the name, and go to the name.

- To call the contact, press the call key. If you have saved several numbers for a contact, select the desired number from the list.

## Write text

The on-screen keyboards allow you to enter characters by tapping them with your fingers.

Tap any text input field to enter letters, numbers, and special characters.

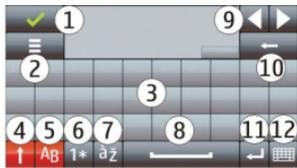
Your device can complete words based on the built-in dictionary for the selected text input language. The device also learns new words from your input.

## Virtual keyboard

You can use the virtual keyboard in landscape mode.

To activate the virtual keyboard, select  > **Full screen QWERTY**.

When using the virtual keyboard in full screen mode, you can select keys with your fingers.



- Close - Close the virtual keyboard.
- Input menu - Open the touch input options menu to access commands such as **Writing language**.
- Virtual keyboard
- Shift and caps lock - To enter an uppercase character when writing in lowercase, or vice versa, select the key before entering the character. To activate the caps lock, select the key twice. A line under the key indicates that the caps lock is activated.
- Letters
- Numbers and special characters
- Character accents
- Space bar
- Move - Move the cursor.
- Backspace
- Enter - Move the cursor to the next row or text input field. Additional functions are based on the current context (for example, in the web address field of the web browser, it acts as the Go icon).

**12** Input mode - Select the input method. When you tap an item, the current input method view closes, and the selected one opens.

### Handwriting

The input methods and languages supported by the handwriting recognition vary by region and may not be available for all languages.

To activate handwriting mode, select  > **Handwriting**.

Write legible, upright characters on the text input area, and leave a space between each character.

To teach the device your handwriting style, select  > **Handwriting training**. This option is not available for all languages.

To enter letters and numbers (default mode), write words as you would normally. To select number mode, select . To enter non-Latin characters, select the corresponding icon, if available.



To enter special characters, write them as you would normally, or select  and the desired character.

To delete characters or move the cursor back, swipe backwards (see Figure 1).

To insert a space, swipe forwards (see Figure 2).



### Enter text with the virtual keypad

#### Virtual keypad

With the virtual keypad (**Alphanumeric keypad**), you can enter characters like you would with a traditional physical keypad with numbers on the keys.

The layout of the virtual keypad may vary, depending on the selected writing language.



- 1 Close - Closes the virtual keypad (**Alphanumeric keypad**).
- 2 Input menu - Opens the touch input menu, which includes commands such as **Activate predictive text** and **Writing language**. To add an emoticon, select **Insert emoticon**.
- 3 Text input indicator - Opens a pop-up window, in which you can activate or deactivate predictive text input modes, change the character case, and switch between letter and number modes.
- 4 Input mode - Opens a pop-up window, in which you can select the input mode. When you tap an item, the current input method view closes, and the selected one opens. The availability of input modes may vary depending on whether the automatic input mode (sensor settings) is activated or not.
- 5 Arrow keys - Scroll left or right.
- 6 Backspace
- 7 Numbers
- 8 Star - Opens a special characters table.
- 9 Shift - Changes the character case, activates or deactivates predictive text input modes, and switches between letter and number modes.

### Traditional text input

Tap a number key (1-9) repeatedly until the desired character appears. There are more characters available for a number key than are visible on the key.

If the next letter is located on the same key as the present one, wait until the cursor appears (or move the cursor forward to end the time-out period), and enter the letter.

To insert a space, tap **0**. To move the cursor to the next line, tap **0** three times.

### Predictive text input

With predictive text input, to enter a word, select one number key for each letter in the word. Predictive text input is based on a built-in dictionary to which you can add new words. Predictive text input is not available for all languages.

- 1 To activate predictive text input, select  > **Activate prediction**.
- 2 Write a word. For example, to write "Nokia" when the English dictionary is selected, select **6** for N, **6** for o, **5** for k, **4** for i, and **2** for a.  
The word suggestion changes after each key selection.
- 3 If the word is not correct, select **\*** repeatedly, until the correct match is displayed. If the word is not in the dictionary, select **Spell**, enter the word using traditional text input mode, and select **OK**.  
If **?** is displayed after the word, the word is not in the dictionary. To add a word to the dictionary, select **\***, enter the word using traditional text input mode, and select **OK**.
- 4 To insert a punctuation mark, select **\***.
- 5 To insert a space, select **0**.

### Touch input settings

Select **Menu > Settings and Phone > Touch input**.

To modify text input settings for the touch screen, select from the following:

**Handwriting training** — Open the handwriting training application. Train the device to recognise your handwriting better. This option is not available in all languages.

**Writing language** — Define which language-specific characters in your handwriting are recognised and how the virtual keyboard is laid out.

**Writing speed** — Select the writing speed.

**Pen trail width** — Select the pen trail width for the text written with the stylus.

**Writing colour** — Select the colour of the text written with the stylus.

**Adaptive search** — Activate adaptive search.

**Touch screen calibration** — Calibrate the touch screen.

## Contacts

You can save and update contact information, such as phone numbers, home addresses, or e-mail addresses of your contacts. You can add a personal ringing tone or a thumbnail image to a contact. You can also create contact groups, which allow you to send text messages or e-mail to many recipients at the same time.

To open the contacts list, in the home screen, depending on the home screen theme, select **Contacts** or .

### Save phone numbers and mail addresses

You can save your friends' phone numbers, mail addresses, and other information to your contacts list.

Select **Menu** > **Contacts**.

#### Add a contact to the contacts list

- 1 Select **Options** > **New contact**.
- 2 Select a field, and enter the details. To close the text input, select .

#### Edit contact information

Select a contact and **Options** > **Edit**.

#### Add details about a contact

Select a contact and **Options** > **Edit** > **Options** > **Add detail**.

### Manage names and numbers

To copy or delete a contact, or to send a contact as a business card to another phone, select and hold the contact, and from the pop-up menu, select **Mark**. Select the contact and **Delete**, **Copy**, or **Send as business card**.

To edit a contact, select the contact and **Options** > **Edit**.

To listen to the voice tag assigned to a contact, select the contact and **Options** > **Voice tag details** > **Options** > **Play voice tag**.

When adding contacts or editing voice commands, do not use very short or similar names for different contacts or commands.

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

### Assign default numbers and addresses

If a contact has several numbers or addresses, a default number or address makes it easier for you to call or send a message to the contact. The default number is also used in voice dialling.

- 1 Select **Menu** > **Contacts**.
- 2 Select a contact and **Options** > **Defaults**.
- 3 Select a default to which you want to add a number or an address.
- 4 Select a number or an address you want to set as a default.
- 5 To exit the Defaults view and save the changes, tap outside the view.

### Ringing tones, images, and call text for contacts

You can define a ringing tone for a contact or contact group, and an image and call text for a contact. When the contact calls you, the device plays the selected ringing tone and shows the call text or image (if the caller's phone number is sent with the call and your device recognises it).

Select **Menu** > **Contacts**.

#### Add more fields to a contact details view

Select the contact and **Options** > **Edit** > **Options** > **Add detail**.

#### Define a ringing tone for a contact or contact group

Select the contact or contact group and **Options** > **Ringing tone**, and select a ringing tone.

#### Remove the ringing tone from a contact

Select **Default tone** from the list of ringing tones.

#### Add an image for a contact

Select a contact saved in the device memory and **Options** > **Add image**, and select an image from **Gallery**.

#### Define a call text for a contact

Select the contact and **Options** > **Add call alert text**. Enter the call text, and select



#### View, change or remove the image from a contact

Select a contact and **Options** > **Image**, and the desired option.

### Copy contacts

Select **Menu** > **Contacts**.

When you open the contacts list for the first time, the device asks if you want to copy names and numbers from the SIM card to your device.

### **Start copying**

Select **OK**.

### **Cancel copying**

Select **Cancel**.

The device asks if you want to view the SIM card contacts in the contacts list. To view the contacts, select **OK**. The contacts list opens, and the names stored on your SIM card are indicated with .

## **SIM services**

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

## **SIM contacts**

The number of contacts that can be stored on the SIM card is limited.

### **Display contacts stored on the SIM card in the contacts list**

Select **Options** > **Settings** > **Contacts to display** > **SIM memory**.

The numbers you save in the contacts list may not be automatically saved to your SIM card.

### **Copy contacts to the SIM card**

Go to a contact, and select **Options** > **Copy** > **SIM memory**.

### **Select the default memory where to save the new contacts**

Select **Options** > **Settings** > **Default saving memory** > **Phone memory** or **SIM memory**.

Contacts stored in the device memory can contain more than one phone number and an image.

## **Fixed dialling**

With the fixed dialling service, you can restrict calls from your device to certain phone numbers. Not all SIM cards support the fixed dialling service. For more information, contact your service provider.

Select **Menu** > **Contacts and Options** > **SIM numbers** > **Fixed dial contacts**.

You need your PIN2 code to activate and deactivate fixed dialling or edit your fixed dialling contacts. Contact your service provider for your PIN2 code.

Select **Options** and from the following:

**Activate fixed dialling or Deactivate fixed dialling** — Activate or deactivate fixed dialling.

**New SIM contact** — Enter the contact name and phone number to which calls are allowed.

**Add from Contacts** — Copy a contact from the contacts list to the fixed dialling list.

To send text messages to the SIM contacts while the fixed dialling service is active, you need to add the text message centre number to the fixed dialling list.

## Messaging

### Messaging main view

Select **Menu** > **Messaging** (network service).

### Create a new message

Select **New message**.

**Tip:** To avoid rewriting messages that you send often, use saved messages in the **Templates** folder in **My folders**. You can also create and save your own templates.

Messaging contains the following folders:

 **Inbox** — Received messages, except e-mail and cell broadcast messages.

 **My folders** — Organise your messages into folders.

 **Mailbox** — Connect to your remote mailbox to retrieve your new e-mail messages, or view your previously retrieved e-mail messages offline.

 **Drafts** — Draft messages that have not been sent.

 **Sent** — The last messages that have been sent, excluding messages sent using Bluetooth connectivity. You can define the number of messages that can be saved in this folder.

 **Outbox** — Messages waiting to be sent are temporarily stored in the Outbox, for example, when your device is outside network coverage.

 **Delivery reports** — Request the network to send you a delivery report of the text messages and multimedia messages you have sent (network service).

## Write and send messages

Select **Menu** > **Messaging**.

Before you can create a multimedia message or write a mail, you must have the correct connection settings defined.

If the item you insert in a multimedia message is too large for the network, the device may automatically reduce the size.

Only compatible devices can receive and show multimedia messages. Messages may look different in different devices.

Check the size limit of mail messages with your service provider. If you attempt to send a mail message that exceeds the size limit of the mail server, the message is left in the Outbox folder, and the device attempts to resend it periodically. Sending a mail requires a data connection, and continuous attempts to resend the mail may incur charges from your service provider. In the Outbox folder, you can delete such a message or move it to the Drafts folder.

Messaging requires network services.

### Send a text or multimedia message

Select **New message**.

### Send an audio or mail message

Select **Options** > **Create message**, and the relevant option.

### Select recipients or groups from the contacts list

Select  from the toolbar.

### Enter the number or mail address manually

Tap the **To** field.

### Enter the subject of the mail or multimedia message

Enter it in the Subject field. If the Subject field is not visible, select **Options** > **Message header fields** to change the fields that are visible.

### Write the message

Tap the message field.

### Add an object to a message or mail

Select  and the relevant type of content.

The message type may change to multimedia message based on the inserted content.

### Send the message or mail

Select  or press the call key.

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

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

### Receive messages

Select **Menu > Messaging and Inbox**.



An unread text message



An unread multimedia message



An unread audio message



Data received through Bluetooth connectivity

When you receive a message,  and **1 new message** are displayed in the home screen.

### Open a message from the home screen

Select **Show**.

### Open a message in the Inbox folder

Select the message.

### Reply to a received message

Select **Options > Reply**.

### Multimedia messages

Select **Menu > Messaging**.

### Retrieve a multimedia message

Select **Options > Retrieve**. A packet data connection is opened to retrieve the message to your phone. You may receive a notification that a multimedia message is waiting in the multimedia message centre.

When you open a multimedia message () , you may see an image and a message.  indicates that a sound clip is included.  indicates that a video clip is included.

**Tip:** The multimedia message is retrieved automatically if **Multimedia retrieval** is set to **Always automatic**.

### **Play the sound or video clip**

Select the indicator.

### **View the media objects that have been included in a multimedia message**

Select **Options** > **Objects**.

If the message includes a multimedia presentation,  is displayed.

### **Play the presentation**

Select the indicator.

## **Data, settings, and web service messages**

Your device can receive many kinds of messages that contain data, such as business cards, ringing tones, operator logos, calendar entries, and e-mail notifications. You may also receive settings from your service provider in a configuration message.

### **Save the data in a message**

Select **Options** and the corresponding option.

Web service messages are notifications (for example, news headlines), and may contain a text message or a link. For availability and subscription, contact your service provider.

## **Set up e-mail**

The e-mail service on your Nokia phone automatically transfers e-mail from your existing e-mail address to your phone. You can read, respond to, and organise your e-mails on the go. The service works with a number of internet e-mail providers that are often used for personal e-mail.

Select **Menu** > **Messaging and Mailbox**.

You can set up several e-mail accounts, for example, a personal e-mail account and a corporate e-mail account.

**Tip:** To set up e-mail from your home screen, select the relevant plug-in.

Alternatively, you can use the Settings wizard.

### **Set up e-mail using the Settings wizard**

1 Select **Menu** > **Applications** > **Tools** > **Sett. wizard**.

- 2 When the Settings wizard is opened for the first time, you are asked to define the e-mail settings after the service provider settings. If you have used the Settings wizard before, select **E-mail setup**.
- 3 Accept the terms and conditions.

For more information, go to [www.nokia.com/support](http://www.nokia.com/support).

Data charges may be applicable when using the service. For information on possible costs, contact your service provider.

### **Mailbox**

#### **Define e-mail settings**

Select **Menu > Messaging and Mailbox**.

To use e-mail, you must have defined a valid internet access point (IAP) in your device and have defined your e-mail settings correctly.

You must have a separate e-mail account. Follow the instructions given by your remote mailbox and internet service provider (ISP).

If you select **Messaging > Mailbox**, and have not set up your e-mail account, you are prompted to do so. To start defining the e-mail settings with the mailbox guide, select **Start**.

When you create a new mailbox, the name you give to the mailbox replaces Mailbox in the Messaging main view. You can have up to six mailboxes.

#### **Open the mailbox**

Select **Menu > Messaging** and a mailbox.

When you open the mailbox, the device asks if you want to connect to the mailbox.

#### **Connect to your mailbox and retrieve new e-mail headers or messages**

Select **Yes**. When you view messages online, you are continuously connected to a remote mailbox using a data connection.

#### **View previously retrieved e-mail messages offline**

Select **No**.

#### **Create a new e-mail message**

Select **Options > Create message > E-mail**.

#### **Close the data connection to the remote mailbox**

Select **Options > Disconnect**.

## Retrieve e-mail messages

Select **Menu** > **Messaging** and a mailbox.

If you are offline, select **Options** > **Connect** to open a connection to the remote mailbox.

### Retrieve messages when you have an open connection to a remote mailbox

Select **Options** > **Retrieve e-mail** > **New** to retrieve all new messages, **Selected** to retrieve only selected messages, or **All** to retrieve all messages from the mailbox.

To stop retrieving messages, select **Cancel**.

### Close the connection and view the e-mail messages offline

Select **Options** > **Disconnect**.

### Open an e-mail message offline

To open an e-mail message, select the message. If the e-mail message has not been retrieved and you are offline, you are asked if you want to retrieve this message from the mailbox.

### View e-mail attachments

Open the message, and select the attachment field indicated with . If the attachment has not been retrieved to the device, select **Options** > **Save**.

### Retrieve e-mail messages automatically

Select **Options** > **E-mail settings** > **Automatic retrieval**.

Setting the device to retrieve e-mail automatically may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

## Delete e-mail messages

Select **Menu** > **Messaging** and a mailbox.

### Delete the content of an e-mail from the device only

Select and hold the e-mail, and from the pop-up menu, select **Delete** > **Phone only**. The e-mail is not deleted from the remote mailbox.

The device mirrors the e-mail headers in the remote mailbox. If you delete the message content, the e-mail header stays in your device. If you want to remove the header as well, you must be connected to the server when deleting the message from your device and the remote mailbox. If there is no connection to the server, the header is deleted when you make a connection from your device to the remote mailbox again to update the status.

### **Delete an e-mail from the device and the remote mailbox**

Select and hold the e-mail, and from the pop-up menu, select **Delete > Phone and server**.

### **Cancel deleting an e-mail that has been marked to be deleted from the device and server**

Select **Options > Restore**.

### **Disconnect from the mailbox**

When you are online, to end the data connection to the remote mailbox, select **Options > Disconnect**.

### **Mail for Exchange**

With Mail for Exchange, you can receive your work e-mail to your device. You can read and reply to your e-mails, view and edit compatible attachments, view calendar information, receive and reply to meeting requests, schedule meetings, and view, add, and edit contact information.

Use of the Mail for Exchange is limited to over-the-air synchronisation of PIM information between the Nokia device and the authorised Microsoft Exchange server.

Mail for Exchange can be set up only if your company has Microsoft Exchange Server. In addition, your company's IT administrator must have activated Mail for Exchange for your account.

Before starting to set up Mail for Exchange, ensure that you have the following:

- A corporate e-mail ID
- Your office network user name
- Your office network password
- Your network domain name (contact your company's IT department)
- Your Mail for Exchange server name (contact your company's IT department)

Depending on your company's Mail for Exchange server configuration, you may need to enter other information in addition to those listed. If you do not know the correct information, contact your company's IT department.

With Mail for Exchange, the use of the lock code may be mandatory. The default lock code of your device is 12345, but your company's IT administrator may have set a different one for you to use.

To access and modify the Mail for Exchange profile and settings, select **Menu > Settings > Phone > Application sett. > Messaging.**

### View messages on a SIM card

Select **Menu > Messaging and Options > SIM messages.**

Before you can view SIM messages, you must copy them to a folder in your device.

- 1 Select **Options > Mark/Unmark > Mark** or **Mark all** to mark messages.
- 2 Select **Options > Copy**. A list of folders opens.
- 3 To start copying, select a folder. To view the messages, open the folder.

### Service commands

With service commands (network service) you can enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider. This service may not be available for all regions.

Select **Menu > Messaging and Options > Service commands.**

### Messaging settings

The settings may be preconfigured in your device, or you may receive them in a message. To enter settings manually, fill in all fields marked with **Must be defined** or an asterisk.

Some or all message centres or access points may be preset for your device by your service provider, and you may not be able to change, create, edit, or remove them.

### Text message settings

Select **Menu > Messaging and Options > Settings > Text message.**

Select from the following:

**Message centres** — View a list of all text message centres that have been defined.

**Message centre in use** — Select which message centre to use to deliver text messages.

**Character encoding** — To use character conversion to another encoding system when available, select **Reduced support**.

**Receive report** — Request the network to send you a delivery report of the text messages you have sent (network service).

**Message validity** — Select for how long the message centre resends your message if the first attempt fails (network service). If the message cannot be sent within this time period, the message is deleted from the message centre.

**Message sent as** — To find out if your message centre is able to convert text messages into these other formats, contact your service provider.

**Preferred connection** — Select the connection to use.

**Reply via same centre** — Reply to messages using the same text message centre number (network service).

### Multimedia message settings

Select Menu > Messaging and Options > Settings > Multimedia message.

Select from the following:

**Image size** — Define the size of the image in a multimedia message.

**MMS creation mode** — If you select **Guided**, the device informs you if you try to send a message that may not be supported by the recipient. If you select **Restricted**, the device prevents you from sending messages that may not be supported. To include content in your messages without notifications, select **Free**.

**Access point in use** — Select which access point is used as the preferred connection.

**Multimedia retrieval** — Select how you want to receive messages, if available. To receive messages automatically in your home network, select **Auto in home netw..** Outside your home network, you receive a notification that there is a message to retrieve in the multimedia message centre. If you select **Always automatic**, your device automatically makes an active packet data connection to retrieve the message both in and outside your home network. Select **Manual** to retrieve multimedia messages from the message centre manually, or **Off** to prevent receipt of any multimedia messages. Automatic retrieval may not be supported in all regions.

**Allow anonymous msgs.** — Reject messages from anonymous senders.

**Receive adverts** — Receive multimedia message advertisements (network service).

**Receive reports** — Display the status of sent messages in the log (network service).

**Deny report sending** — Prevent your device from sending delivery reports of received messages.

**Message validity** — Select for how long the message centre resends your message if the first attempt fails (network service). If the message cannot be sent within this time period, the message is deleted from the message centre.

The device requires network support to indicate that a sent message has been received or read. Depending on the network and other circumstances, this information may not always be reliable.

### Manage mailboxes

Select Menu > Messaging and Options > Settings > E-mail.

**Select which mailbox you want to use to send and receive e-mail**

Select **Mailbox in use** and a mailbox.

## Remove a mailbox and its messages from your device

- 1 Select **Mailboxes**.
- 2 Select and hold the desired mailbox, and from the pop-up menu, select **Delete**.

## Create a new mailbox

Select **Mailboxes** > **Options** > **New mailbox**. The name you give to the new mailbox replaces Mailbox in the Messaging main view. You can have up to six mailboxes.

## Modify the connection settings, user settings, retrieval settings, and automatic retrieval settings

Select **Mailboxes** and a mailbox.

# Music player

Music player supports file formats such as AAC, AAC+, eAAC+, MP3, and WMA. Music player does not necessarily support all features of a file format or all the variations of file formats.

You can also use Music player to listen to podcasts. Podcasting is a method for delivering audio or video content over the internet using either RSS or Atom technologies for playback on mobile phones and computers.

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

## Play music

Select **Menu** > **Music** > **Music player**.

## Browse songs

Select the desired view. You can browse songs by artist, album, genre, or composer.

## Play a song

Select the song.

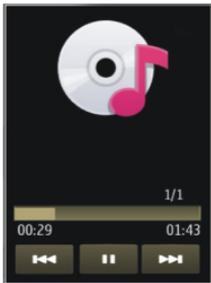
**Tip:** To listen to the songs in a random order, select **Options** > **Shuffle play**.

## Pause and resume playback

To pause playback, select ; to resume, select .

## Fast-forward or rewind a song

Select and hold  or .



**Tip:** When listening to music, you can return to the home screen and leave the Music player application playing in the background.

### Create a playlist

Want to listen to different music for different moods? With playlists, you can create selections of songs to play in a specific order.

Select **Menu > Music > Music player**.

- 1 Select **Playlists**.
- 2 Select **Options > New playlist**.
- 3 Enter a name for the playlist, and select **OK**.
- 4 Select the songs to add to the playlist, in the order you want them to play.

If a compatible memory card is inserted, the playlist is saved to the memory card.

### Add a song to a playlist

Select and hold the song, and from the pop-up menu, select **Add to playlist**.

### Remove a song from playlist

In the playlist view, select and hold the song, and from the pop-up menu, select **Remove**.

This does not delete the song from the device; it only removes it from the playlist.

### Play a playlist

Select **Playlists** and the playlist.

**Tip:** Music player automatically creates a playlist for the most played songs, recently played songs, and recently added songs.

## Camera

Your device supports an image capture resolution of 2592 x 1944 pixels. The image resolution in this guide may appear different.

### Activate the camera

To activate the camera, select **Menu > Applications > Camera**.

### Image capture

#### Capture an image

Select **Menu > Applications > Camera**.

When capturing an image, note the following:

- Use both hands to keep the camera steady.
- The quality of a digitally zoomed image is lower than that of a non-zoomed image.
- The camera goes into battery saving mode after about a minute of inactivity.

To switch from video mode to image mode, if necessary, select  > .

#### Zoom in or out when capturing an image

Use the zoom slider.

### After capturing an image

After you capture an image, select from the following options (available only if you have selected **Options > Settings > Show captured image > Yes**):

 — Send the image in a multimedia or e-mail message, or through connection methods such as Bluetooth connectivity.

To send the image to the person you are talking to, select  during a call.

 — Upload the image to a compatible online album.

 **Delete** — Delete the image.

#### Use the image as wallpaper in the home screen

Select **Options > Use image > Set as wallpaper**.

#### Set the image as a default call image

Select **Options > Use image > Set as call image**.

### Assign the image to a contact

Select **Options** > **Use image** > **Assign to contact**.

### Return to the viewfinder, to capture a new image

Select **Back**.

## Video recording

### Record a video clip

Select **Menu** > **Applications** > **Camera**.

- 1 To switch from image mode to video mode, if necessary, select  > .
- 2 To pause recording, select **Pause**. To resume, select **Continue**. If you pause recording and do not press any key within one minute, the recording stops. To zoom in or out, use the zoom keys.
- 3 To stop recording, select **Stop**. The video clip is automatically saved in Gallery.

### After recording a video clip

After you record a video clip, select from the following (available only if you have selected **Options** > **Settings** > **Show last captured video** > **Yes**):

-  **Play** — Play the video clip you just recorded.
-  — Upload the image to a compatible online album.
-  **Delete** — Delete the video clip.

To return to the viewfinder to record a new video clip, select **Back**.

## Gallery

To store and organise your images, video clips, sound clips, and streaming links, select **Menu** > **Gallery**.

### View and organise files

Select **Menu** > **Gallery**.

Select from the following:

-  **Images & videos** — View images in the image viewer and video clips in Video centre.
-  **Songs** — Open Music player.
-  **Sound clips** — Listen to sound clips.
-  **Other media** — View presentations.

 indicates files stored on your compatible memory card (if inserted).

### Open a file

Select a file from the list. Video clips and files with the .ram file extension open and play in Video centre, and music and sound clips in Music player.

### Copy or move a file

To copy or move a file to the memory card (if inserted) or phone memory, select and hold the file, and from the pop-up menu, select **Copy** or **Move**, and the appropriate option.

## View images and videos

Select **Menu > Gallery and Images & videos**.

By default, the images, video clips, and folders are organised by date and time.

To open a file, select a file from the list. To zoom in an image, use the volume key.

To edit an image, select and hold the image, and from the pop-up menu, select **Edit**.

To edit a video clip, select and hold the clip, and from the pop-up menu, select **Cut**.

Select and hold an image, and from the pop-up menu, select from the following:

**Set as wallpaper** — Use the image as wallpaper on the home screen.

**Set as call image** — Set the image as a generic call image.

**Assign to contact** — Set the image as a call image for a contact.

Select and hold a video clip, and from the pop-up menu, select from the following:

**Assign to contact** — Assign the video clip as a ringtone for a contact.

**As ringing tone** — Set the video clip as a ringtone.

The toolbar helps you select frequently used functions with images, video clips, and folders.

From the toolbar, select from the following:

 **Send** — Send your image or video clip.

 **Delete** — Delete an image or a video clip.

## Share online

### About Share online

Select **Menu > Applications > Share online**.

With Share online (network service), you can post your images, video clips, and sound clips from your device to compatible online sharing services, such as albums and blogs. You can also view and send comments to the posts in these services, and download content to your compatible Nokia device.

The supported content types and the availability of the Share online service may vary.

### Subscribe to an online sharing service

Select **Menu > Applications > Share online**.

- 1 Go to the service provider's website, and make sure your Nokia device is compatible with the service.
- 2 Create an account as instructed on the website. You receive a username and password needed to set up your device with the account.

### Activate a service

- 1 Select and hold the service, and from the pop-up menu, select **Activate**.
- 2 Allow the device to open a network connection. If prompted, select an internet access point from the list.
- 3 Sign in to your account as instructed on the service provider's website.

For the availability and cost of the third party services and data transfer costs, contact your service provider or the relevant third party.

### Manage your accounts

To view your accounts, select **Options > Settings > My accounts**.

To create a new account, select **Options > Add new account**.

To change the user name or password for an account, select and hold the account name, and from the pop-up menu, select **Edit**.

To set an account as the default when sending posts from your device, select and hold the account name, and from the pop-up menu, select **Set as default**.

To remove an account, select and hold the account name, and from the pop-up menu, select **Delete**.

### Create a post

Select **Menu > Applications > Share online**.

To post your images or video clips to a service, select and hold the service, and from the pop-up menu, select **New upload**. If the online sharing service provides channels for posting files, select the desired channel.

To add your image, video clip, or sound clip to the post, select **Options > Add**.

Enter a title or description for the post, if available.

To add tags to the post, select **Tags**:

To enable the posting of location information contained in the file, select **Location**:

To send the post to the service, select **Options > Upload**.

### Post files from Gallery

You can post your images and video clips from Gallery to an online sharing service.

- 1 Select **Menu > Gallery** and your images and video clips to post.
- 2 Select **Options > Send > Upload** and the desired account.
- 3 Edit your post as required.
- 4 Select **Options > Upload**.

## 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 a packet data or WLAN connection. You can also transfer your video clips from a compatible PC to your device and view them in Video centre.

Using packet data access points to download videos may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

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.

### View and download videos

Select **Menu > Applications > Video centre**.

### Connect to video services

To connect to a service to install video services, select **Add new services** and the desired video service from the service catalogue.

### View a video clip

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To browse the content of installed video services, select **Video feeds**.

The content of some video services is divided into categories. To browse video clips, select a category.

To search for a video clip in the service, select **Video search**. Search may not be available in all services.

Some video clips can be streamed over the air, but others must be first downloaded to your phone. To download a video clip, select **Options** > **Download**. Downloads continue in the background if you exit the application. The downloaded video clips are saved in My videos.

To stream a video clip or view a downloaded one, select and hold the video clip, and from the pop-up menu, select **Play**.

When the video clip is playing, to use the control keys for controlling the player, tap the screen.

To adjust the volume, use the volume key.

Select **Options** and from the following:

**Resume download** — Resume a paused or failed download.

**Cancel download** — Cancel a download.

**Preview** — Preview a video clip. This option is available if supported by the service.

**Video details** — View information about a video clip.

**Refresh list** — Refresh the list of video clips.

**Open link in browser** — Open a link in the web browser.

### Schedule downloads

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Setting the application to download video clips automatically may involve the transmission of large amounts of data through your service provider's network. For information about data transmission charges, contact your service provider.

To schedule an automatic download for video clips in a service, select **Options** > **Schedule downloads**.

Video centre automatically downloads new video clips daily at the time you define.

To cancel scheduled downloads, select **Manual download** as the download method.

## Video feeds

Select **Menu > Applications > Video centre**.

The content of the installed video services is distributed using RSS feeds. To view and manage your feeds, select **Video feeds**.

Select **Options** and from the following:

**Feed subscriptions** — Check your current feed subscriptions.

**Feed details** — View information about a video.

**Add feed** — Subscribe to new feeds. Select **Via Video directory** to select a feed from the services in the video directory.

**Refresh feeds** — Refresh the content of all feeds.

**Manage account** — Manage your account options for a particular feed, if available.

To view the videos available in a feed, select a feed from the list.

## My videos

My videos is a storage place for all video clips in the Video centre application. You can list downloaded video clips and video clips recorded with the phone camera in separate views.

- 1 To open a folder and view video clips, select the folder. When a video clip is playing, to use the control keys for controlling the player, tap the screen.
- 2 To adjust the volume, press the volume key.

Select **Options** and from the following:

**Find** — Find a video clip. Enter a search term that matches the file name.

**Memory status** — View the amount of free and used memory.

**Sort by** — Sort video clips. Select the desired category.

Select and hold a video clip, and from the pop-up menu, select from the following:

**Resume download** — Resume a paused or failed download.

**Cancel download** — Cancel a download.

**Video details** — View information about a video clip.

**Move and copy** — Move or copy video clips. Select **Copy** or **Move** and the desired location.

### Copy your videos between your phone and computer

Have you recorded videos with your phone that you want to watch on your computer? Or do you want to copy your videos from your phone to your computer? Use a compatible USB data cable to copy your videos between your phone and a computer.

- 1 Use a compatible USB data cable to connect your phone to a computer.  
If copying between a memory card in your phone and a computer, make sure the memory card is inserted.
- 2 Open Nokia Suite on your computer, and follow the displayed instructions.

### Video centre settings

In the Video centre main view, select **Options** > **Settings** and from the following:

**Video service selection** — Select the video services that you want to appear in Video centre. You can also add, remove, edit, and view the details of a video service. You cannot edit preinstalled video services.

**Connection settings** — To define the network destination used for the network connection, select **Network connection**. To select the connection manually each time Video centre opens a network connection, select **Always ask**.

To set GPRS connection on or off, select **Confirm GPRS usage**.

To set roaming on or off, select **Confirm roaming**.

**Parental control** — Set an age limit to videos. The required password is the same as the device lock code. The factory setting for the lock code is **12345**. In video-on-demand services, videos which have the same or a higher age limit than you have set, are hidden.

**Preferred memory** — Select whether downloaded videos are saved in the device memory or on a compatible memory card.

**Thumbnails** — Select whether to download and view thumbnail images in video feeds.

## Internet

### About the web browser

 Select Menu > Web.

Catch up on the news, and visit your favourite websites. You can use your phone web browser to view web pages on the internet.

The XHTML browser in this phone supports the Unicode encoding format.

To browse the web, you must be connected to the internet.

## Browse the web

Select **Menu** > **Web**.

**Tip:** If you do not have a flat-rate data plan from your service provider, to save data costs in your phone bill, you can use a WLAN to connect to the internet.

## Go to a website

Select the web address bar, enter a web address, and select .

**Tip:** To search the internet, select the web address bar, enter the search word, and select the link below the web address bar.

## Zoom in or out

Double-tap the screen.

A cache is a memory location that is used to store data temporarily. If you have, or have tried to, access confidential info or a secure service, requiring passwords, clear the cache after each use.

## Empty the cache

Select  >  > **Privacy** > **Clear privacy data** > **Cache**.

## Add a bookmark

If you visit the same websites all the time, add them to your Bookmarks view, so you can easily access them.

Select **Menu** > **Web**.

While browsing, select  > .

## Go to a bookmarked website while browsing

Select  >  and a bookmark.

## Subscribe to a web feed

You don't have to visit your favourite websites regularly to keep up with what's new on them. You can subscribe to web feeds and get links to latest content automatically.

Select **Menu** > **Web**.

Web feeds on web pages are usually indicated with . They are used to share, for example, the latest news headlines or blog entries.

Go to a blog or web page that contains a web feed, and select  >  and the desired feed.

### Update a feed

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Refresh**.

### Set a feed to automatically update

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Edit** > **Automatic updates**.

### Unreadable characters while browsing the web

If unreadable characters are displayed, select **Menu** > **Web** and  >  > **Page** > **Default encoding** and the correct encoding for the character set of the language.

## Positioning (GPS)

You can use applications such as GPS data to calculate your location or measure distances. These applications require a GPS connection.

The GPS of this device is not for professional positioning. GPS connection time might also be affected by weather, use environment, and other condition of use. GPS should only be used as a navigation aid and should not be used for emergency or task which requires more precise positioning.

### About GPS

The availability and quality of GPS signals may be affected by your location, satellite positions, buildings, natural obstacles, weather conditions, and adjustments to GPS satellites made by the United States government. GPS signals may not be available inside buildings or underground.

Do not use GPS for precise location measurement, and never rely solely on the location info provided by GPS and cellular networks.

The coordinates in the GPS are expressed using the international WGS-84 coordinate system. The availability of the coordinates may vary by region.

### About assisted GPS (A-GPS)

Your device supports A-GPS (network service). 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 obtain the GPS position faster.

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.

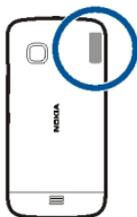
You must have an internet access point defined in the device to retrieve assistance data from the Nokia A-GPS service over a packet data connection.

### Define an access point for A-GPS

Select **Menu > Applications > Location and Positioning > Positioning server > Access point**. Only a packet data internet access point can be used for this service. Your device asks for the internet access point when GPS is used for the first time.

### Hold your device correctly

When using the GPS receiver, make sure you do not cover the antenna with your hand.



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

## Maps

### Maps overview



Select **Menu > Maps**.

Welcome to Maps.

Maps shows you what is nearby, helps you plan your route, and guides you where you want to go.

- Find cities, streets, and services.
- Find your way with turn-by-turn directions.
- Check weather forecasts and other local information, if available.

Maps availability depends on the laws of each country/region (e.g. maps may not be available due to legal restrictions of countries/regions). Nokia disclaims any and all warranty with respect to the availability of maps, including its accuracy, correctness and update.

Some services may not be available in all countries, and may be provided only in selected languages. The services may be network dependent. For more information, contact your network service provider.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

Contents of digital maps may sometimes be inaccurate and incomplete. Never rely solely on the content or the service for essential communications, such as in emergencies.

Some content is generated by third parties and not Nokia. The content may be inaccurate and is subject to availability.

### **View your location and the map**

See your current location on the map, and browse maps of different cities and countries.

Select **Menu > Maps and Map**.

 indicates your current position, if available. When searching for your position,  blinks. If your position is not available,  indicates your last known position.

If accurate positioning is not available, a red halo around the positioning icon indicates the general area you might be in. In densely populated areas, the accuracy of the estimate increases, and the red halo is smaller than in lightly populated areas.

### **Browse the map**

Drag the map with your finger. By default, the map is oriented north.

### **View your current or last known location**

Select .

If you search for or browse to a location, and view details about the location using a service, such as Weather, the information for the location you are currently viewing is

displayed. To return to viewing your current location, or to view information for your current location, select .

### Zoom in or out

Select + or -.

**Tip:** To zoom, you can also place two fingers on the map, and slide your fingers apart to zoom in or together to zoom out. Not all phones support this feature.

If you browse to an area not covered by the street maps that are stored on your phone, and you have an active data connection, new street maps are automatically downloaded.

### Prevent downloading new street maps automatically

In the main menu, select  > **Internet** > **Connection** > **Offline**.

Map coverage varies by country and region.

### Map view



- 1 Selected location
- 2 Indicator area
- 3 Point of interest (for example, a railway station or a museum)
- 4 Information area
- 5 Compass

### Change the look of the map

View the map in different modes, to easily identify where you are.

Select **Menu > Maps and Map.**

Select  and from the following:

**Map view** — In the standard map view, details such as location names or motorway numbers are easy to read.

**Satellite view** — For a detailed view, use satellite images.

**Terrain view** — View at a glance the ground type, for example, when you are travelling off-road.

**3D view** — For a more realistic view, change the perspective of the map.

**Landmarks** — Display prominent buildings and attractions on the map.

**Night mode** — Dim the colours of the map. When travelling at night, the map is easier to read in this mode.

**Transit lines** — View selected public transport services, such as metro and tram routes.

The available options and features may vary by region. The unavailable options are dimmed.

### **Download and update maps**

Save new street maps to your phone before a journey, so you can browse the maps without an internet connection when travelling.

To download and update maps on your phone, you need an active WLAN connection.

Select **Menu > Maps.**

#### **Download maps**

- 1 Select **Update > Add new maps.**
- 2 Select a continent and a country, and select **Download.**

To complete the download later, select **Pause** or **Exit download.**

**Tip:** You can also use the Nokia Suite PC application to download the latest street maps and voice guidance files, and copy them to your phone. To download and install Nokia Suite, go to [www.nokia.com/support](http://www.nokia.com/support).

When you install a newer version of the Maps application on your phone, the country or region maps are deleted. Before using Nokia Suite to download new country or region maps, open and close the Maps application, and make sure you have the latest version of Nokia Suite installed on your computer.

#### **Update maps**

Select **Update > Check for updates.**

### About positioning methods

Maps shows your location on the map using GPS, A-GPS, WLAN, or network (cell ID) based positioning.

A-GPS and other enhancements to GPS may require transferring small amounts of data over the cellular network.

GPS	The global positioning system (GPS) is a navigation system that uses satellites to work out where you are.
A-GPS	<p>The Assisted GPS (A-GPS) network service retrieves location information using the cellular network, and assists GPS in calculating your current location.</p> <p>Your phone is set up to use the Nokia A-GPS service, unless your network service provider has its own A-GPS settings. To get the assistance data to your phone, you need to be able to connect to the internet. Your phone gets the data from the service only when needed.</p>
WLAN	WLAN positioning improves positioning accuracy when GPS signals are not available, especially when you are indoors or between tall buildings.
Cell ID	With network (cell ID) based positioning, Maps locates you through the cellular system your phone is currently connected to.

The availability and quality of GPS signals may be affected by your location, satellite positions, buildings, natural obstacles, weather conditions, and adjustments to GPS satellites made by the United States government. GPS signals may not be available inside buildings or underground.

Do not use GPS for precise location measurement, and never rely solely on the location info provided by GPS and cellular networks.

The GPS of this device is not for professional positioning. GPS connection time might also be affected by weather, use environment, and other condition of use. GPS should only be used as a navigation aid and should not be used for emergency or task which requires more precise positioning.

The trip meter may not be accurate, depending on the availability and quality of your GPS connection.

**Note:** Using WLAN may be restricted in some countries. For example, in France, you are only allowed to use WLAN indoors. After 1 July 2012, the restriction on outdoor usage of WLAN in France is withdrawn. For more info, contact your local authorities.

Depending on the available positioning methods, the accuracy of positioning may vary from a few metres to several kilometres.

### Find a location

Maps helps you find specific locations and businesses.

Select **Menu > Maps and Map > Search**.

- 1 Enter search words, such as a street address or place name.
- 2 Select an item from the list of proposed matches.  
The location is displayed on the map.

### Return to the list of proposed matches

Select **Search**.

**Tip:** In the search view, you can also select from the list of your previous search words.

### Search for different types of nearby places

Select **Categories** and a category, such as shopping, accommodation, or transport.

If no search results are found, make sure the spelling of your search words is correct. Problems with your internet connection may also affect results when searching online.

If you have maps of the searched area stored on your phone, to avoid data costs, you can also get search results without an active internet connection, but the search results may be limited.

### View location details

Find more information about a specific location or place, such as a hotel or restaurant, if available.

Select **Menu > Maps and Map > Search**.

The available options may vary by region. To view all the available place details, you need an active internet connection.

### View the details of a place

Search for a place. Select the place and its information area.

### Rate a place

Search for a place. Select the place, its information area, **Rate**, and the star rating. For example, to rate a place as being 3 out of 5 stars, select the third star.

When you find a place that does not exist or contains inappropriate information or incorrect details, such as the wrong contact information or location, it is recommended that you report it to Nokia.

### Report incorrect place information

Select the place, its information area, **Report**, and the appropriate option.

### Save or view a place or route

Save an address, place of interest, or route, so it can be quickly used later.

Select **Menu** > **Maps**.

#### Save a place

- 1 Select **Map**.
- 2 Tap the location. To search for an address or place, select **Search**.
- 3 Tap the location's information area.
- 4 Select **Save**.

#### Save a route

- 1 Select **Map**.
- 2 Tap the location. To search for an address or place, select **Search**.
- 3 Tap the location's information area.
- 4 To add another route point, select **Navigate** > **Add to Route**.
- 5 Select **Add new route point** and the appropriate option.
- 6 Select **Show route** > **Options** > **Save route**.

#### View a saved place

In the main view, select **Favourites** > **Places**, the place, and **Show on map**.

#### View a saved route

In the main view, select **Favourites** > **Routes** and the route.

### Send a place to a friend

When you want to show your friends where a place is on the map, you can send the place to them.

Select **Menu** > **Maps** and **Map**.

To view the place on the map, your friends don't need to have a Nokia phone, but an active internet connection is required.

- 1 Select a place and its information area.
- 2 Select **Share** > **Share via SMS** or **Share via Email**.

A mail or text message containing a link to the location on the map is sent to your friend. Opening the link requires a network connection.

### Check in

With the Check in feature, you can keep a private record of where you have been. Keep your social networking friends and contacts up to date with what you are doing, and share your location on your favourite social networking services.

Select **Menu** > **Maps** and **Check in**.

To check in, you need a Nokia account. To share your location, you also need a social networking service account. The supported social networking services vary by country or region.

- 1 Sign in to your Nokia account, or, if you do not yet have one, create the account.
- 2 It is possible to share your location on the social networking services that you use. When you use Check in for the first time, you can set your account credentials for the services that you use. To later set up accounts, select .
- 3 Select your current location.
- 4 Write your status update.  
You can post only to selected services that you have set up. To exclude a service, select the service logo. To exclude all the services, keeping your location and status update private, clear the **and post on** check box.
- 5 Select **Check in**.

You may also be able to attach a picture to your post, depending on the social networking service.

### View your Check in history

Select .

Checking in and sharing your location requires an internet connection. This may involve the transmission of large amounts of data and related data traffic costs.

 **Important:** Before sharing your location, always consider carefully with whom you are sharing.

### Get voice guidance

Voice guidance, if available for your language, helps you find your way to a destination, leaving you free to enjoy the journey.

Select **Menu** > **Maps** and **Drive** or **Walk**.

When you use drive or walk navigation for the first time, you are asked to select the language of the voice guidance, and download the appropriate files.

If you select a language that includes street names, also the street names are said aloud.

### **Change the voice guidance language**

In the main view, select  > **Navigation** > **Drive guidance** or **Walk guidance** and the appropriate option.

### **Deactivate voice guidance**

In the main view, select  > **Navigation** > **Drive guidance** or **Walk guidance**, and select **None**.

### **Repeat the voice guidance for car navigation**

In the navigation view, select **Options** > **Repeat**.

### **Change the volume of the voice guidance for car navigation**

In the navigation view, select **Options** > **Volume**.

## **Use the compass**

When the compass is activated, both the arrow of the compass and the map rotate automatically in the direction to which the top of your phone is pointing.

Select **Menu** > **Maps** and **Map**.

### **Activate the compass**

Select .

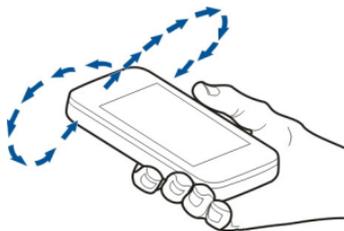
### **Deactivate the compass**

Select  again. The map is oriented north.

The compass is active when it is green. If the compass needs calibration, the compass is red.

### **Calibrate the compass**

Turn the phone around until it beeps or vibrates.



The compass has limited accuracy. Electromagnetic fields, metal objects, or other external circumstances may also affect the accuracy of the compass. The compass should always be properly calibrated.

### Drive to your destination

When you need turn-by-turn directions while driving, Maps helps you get to your destination.

Select **Menu** > **Maps and Drive**.

#### Drive to a destination

Select **Set destination** and the appropriate option.

#### Drive to your home

Select **Drive home**.

You can start driving without a set destination. The map follows your location, and traffic information is automatically displayed, if available. To set the destination later, select **Destination**.

By default, the map rotates to your driving direction.

#### Orient the map to north

Select . To rotate the map back to your driving direction, select .

When you select **Drive home** or **Walk home** for the first time, you are prompted to define your home location.

#### Change your home location

- 1 In the main view, select .
- 2 Select **Navigation** > **Home Location** > **Redefine**.
- 3 Select the appropriate option.

## Change views during navigation

Swipe left to select **2D view**, **3D view**, **Arrow view**, or **Route overview**.

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

### Navigation view



- 1 Route
- 2 Your location and direction
- 3 Information bar (speed, distance, time)

### Get traffic and safety information

Enhance your driving experience with real-time information about traffic events, lane assistance, and speed limit warnings, if available for your country or region.

Select **Menu** > **Maps and Drive**.

#### View traffic events on the map

During drive navigation, select **Options** > **Traffic info**. The events are displayed as triangles and lines.

#### Update traffic information

Select **Options** > **Traffic info** > **Update traffic info**.

When planning a route, you can set the phone to avoid traffic events, such as traffic jams or roadworks.

### Avoid traffic events

In the main view, select  > **Navigation** > **Reroute due to traffic**.

The location of speed cameras may be shown on your route during navigation, if this feature is enabled. Some jurisdictions prohibit or regulate the use of speed camera location data. Nokia is not responsible for the accuracy, or the consequences of using speed camera location data.

### Walk to your destination

When you need directions to follow a route on foot, Maps guides you over squares, and through parks, pedestrian zones, and even shopping centres.

Select **Menu** > **Maps and Walk**.

#### Walk to a destination

Select **Set destination** and the appropriate option.

#### Walk to your home

Select **Walk home**.

You can start walking without a set destination.

By default, the map is oriented to north.

#### Rotate the map to your walking direction

Select . To rotate the map back to north, select .

When you select **Drive home** or **Walk home** for the first time, you are prompted to define your home location.

#### Change your home location

- 1 In the main view, select .
- 2 Select **Navigation** > **Home Location** > **Redefine**.
- 3 Select the appropriate option.

### Plan a route

Plan your journey, and create your route and view it on the map before setting off.

Select **Menu** > **Maps and Map**.

### Create a route

- 1 Tap the location of your starting point. To search for an address or place, select **Search**.
- 2 Tap the location's information area.
- 3 Select **Navigate > Add to Route**.
- 4 To add another route point, select **Add new route point** and the appropriate option.

### Change the order of the route points

- 1 Select a route point.
- 2 Select **Move**.
- 3 Tap the place where you want to move the route point to.

### Edit the location of a route point

Tap the route point, and select **Edit** and the appropriate option.

### View the route on the map

Select **Show route**.

### Navigate to the destination

Select **Show route > Options > Start driving** or **Start walking**.

The route settings affect the navigation guidance and the way the route is displayed on the map.

### Change the settings for a route

- 1 In the route planner view, open the **Settings** tab. To get to the route planner view from the navigation view, select **Options > Route points** or **Route points list**.
- 2 Set the transportation mode to **Drive** or **Walk**. If you select **Walk**, one-way streets are regarded as normal streets, and walkways and routes through, for example, parks and shopping centres, can be used.
- 3 Select the desired option.

### Select the walking mode

Open the **Settings** tab, set the transportation mode to **Walk**, and select **Preferred route > Streets** or **Straight line**. **Straight line** is useful on off-road terrain as it indicates the walking direction.

### Use the faster or shorter driving route

Open the Settings tab, set the transportation mode to **Drive**, and select **Route selection** > **Faster route** or **Shorter route**.

### Use the optimised driving route

Open the Settings tab, set the transportation mode to **Drive**, and select **Route selection** > **Optimised**. The optimised driving route combines the advantages of both the shorter and the faster routes.

You can also choose to allow or avoid using, for example, motorways, toll roads, or ferries.

## Connectivity

### Connectivity security

Nokia understands how important it is that your mobile phone or device operates reliably and that your personal content is saved safely.

Any information from an unknown or unreliable source, for example, via Bluetooth connectivity, multimedia message, or cable, may harm your PC, mobile phone, or device. You may protect your mobile phone or device from damage and keep it secured by following simple measures:

- Always keep Bluetooth connectivity closed unless you want your phone or device to be visible to others, when your phone or device supports Bluetooth.
- Always be alert when receiving information, like Bluetooth file or multimedia message, from an unknown or untrustworthy source.
- Do not download or install any applications that may include software harmful to your phone or device.
- Always download and install applications or content, like ringing tone or game, from trusted or well-known sources, such as Nokia Store, where good protection is provided against viruses and other harmful software.

This is a friendly reminder, the mentioned function may vary from different device model.

Your device offers several options to connect to the internet or to another compatible device or PC.

### Wireless LAN

Your device can detect and connect to wireless local area networks (WLAN). Using a WLAN, you can connect your device to the internet and compatible devices that have WLAN support.

## About WLAN

To use a wireless LAN (WLAN) connection, it must be available in the location, and your device must be connected to the WLAN. Some WLANs are protected, and you need an access key from the service provider to connect to them.

**!** **Note:** Using WLAN may be restricted in some countries. For example, in France, you are only allowed to use WLAN indoors. For more information, contact your local authorities.

Features that use WLAN, or that are allowed to run in the background while using other features, increase the demand on battery power and reduce the battery life.

Your device supports the following WLAN features:

- IEEE 802.11b/g and WAPI standards
- Operation at 2.4 GHz
- Wired equivalent privacy (WEP) with keys up to 128 bits, Wi-Fi protected access (WPA), and 802.1x authentication methods. These functions can be used only if they are supported by the network.

**!** **Important:** Use encryption to increase the security of your WLAN connection. Using encryption reduces the risk of others accessing your data.

## WLAN wizard

Select **Menu > Settings and Connectivity > Wireless LAN**.

The WLAN wizard helps you to connect to a wireless LAN (WLAN) and manage your WLAN connections.

If the search finds WLANs, to create an internet access point (IAP) for a connection and start the web browser using this IAP, select the connection, and from the pop-up menu, select **Start web browsing**.

If you select a secured WLAN, you are asked to enter the relevant password. To connect to a hidden network, you must enter the correct network name (service set identifier, SSID).

If you already have the web browser running using the currently active WLAN connection, to return to the web browser, select **Continue web browsing**.

To end the active connection, select the connection, and from the pop-up menu, select **Disconnect WLAN**.

### Security settings for WAPI

- 1 Select **Menu > Settings and Connectivity > Destinations**.
- 2 Open the access point group that has the desired WLAN access point, and select the WLAN access point.  
For more information, contact your service provider.

## Other applications

### Clock

#### Set time and date

Select **Menu > Applications > Clock**.

Select **Options > Settings** and from the following:

**Time** — Set the time.

**Date** — Set the date.

**Automatic time update** — Set the network to automatically update the time, date, and time zone information for your device (network service).

#### Alarm clock

Select **Menu > Applications > Clock**.

#### Set a new alarm

- 1 Select **New alarm**.
- 2 Set the alarm time.
- 3 Select **Repeat** to set whether and when the alarm is repeated.
- 4 Select **Done**.

#### View your alarms

Select **Alarms**.  indicates an active alarm.  indicates a repeated alarm.

#### Remove an alarm

Select **Alarms** and the alarm, and from the pop-up menu, select **Remove alarm**.

#### Stop the alarm

Select **Stop**. If your device is switched off when an alarm expires, your device switches itself on and starts sounding the alarm tone.

#### Set the alarm to snooze

Select **Snooze**.

### Define the snooze time

Select **Options** > **Settings** > **Alarm snooze time**.

### Change the alarm tone

Select **Options** > **Settings** > **Clock alarm tone**.

## World clock

With the world clock, you can view the current time in different locations.

Select **Menu** > **Applications** > **Clock**.

### View the time

Select **World clock**.

### Add locations to the list

Select **Options** > **Add location**.

### Set your current location

Select the location, and from the pop-up menu, select **Set as current location**. The time in your device is changed according to the selected location. Ensure that the time is correct and matches your time zone.

## Calendar

To open the calendar, select **Menu** > **Calendar**.

### Calendar views

To switch between the month, week, day, and to-do note views, select **Options** > **Change view** and the desired view.

To change the starting day of the week or the view that is displayed when you open the calendar, or to modify calendar alarm settings, select **Options** > **Settings**.

To go to a certain date, select **Options** > **Go to date**.

### Calendar toolbar

Select **Menu** > **Calendar**.

From the calendar toolbar, select from the following:

 **Next view** — Select the month view.

 **Next view** — Select the week view.

 **Next view** — Select the day view.

 **Next view** — Select the to-do view.

 **New meeting** — Add a new meeting reminder.

 **New to-do note** — Add a new to-do note.

### Lunar calendar

Select Menu > Calendar.

The lunar calendar function is available only when the phone language is Chinese.

#### Activate the lunar calendar function

In calendar views, select **Options** > **Settings** > **Lunar calendar** > **On**.

#### View detailed lunar information of a date

Go to the date, and select **Options** > **View lunar data**.

## Find help

### In-device help

Your device contains instructions to help to use the applications in your device.

To open help texts from the main menu, select **Menu** > **Applications** > **Help** and the application for which you want to read instructions.

When an application is open, to access the help text for the current view, select **Options** > **Help**.

When you are reading the instructions, to change the size of the help text, select **Options** > **Decrease font size** or **Increase font size**.

You may find links to related topics at the end of the help text.

If you select an underlined word, a short explanation is displayed.

Help texts use the following indicators:

 Link to a related help topic.

 Link to the application being discussed.

When you are reading the instructions, to switch between help texts and the application that is open in the background, select **Options** > **Show open apps**. and the desired application.

## Support

When you want to learn more about how to use your product or you are unsure how your phone should function, read the user guide in your phone. Select **Menu > Applications > Help**.

If you have an issue, do one of the following:

- Reboot your phone. Switch off the phone, and remove the battery. After about a minute, replace the battery, and switch on the phone.
- Update your phone software
- Restore the original factory settings

If your issue remains unsolved, contact Nokia for repair options. Go to [www.nokia.com.hk/repair](http://www.nokia.com.hk/repair). Before sending your phone for repair, always back up your data, as all personal data in your phone may be deleted.

## Update phone software and applications using your phone



You can check if there are updates available for your phone software or for individual applications, and then download and install them to your phone (network service). You can also set your phone to automatically check for updates and notify you when important or recommended updates are available.

Select **Menu > Applications > Tools > SW update**.

If there are available updates, select which updates to download and install, and select



## Set your phone to automatically check for updates

Select **Options > Settings > Auto-check for updates**.

## Update phone software using your PC

You can use the Nokia Suite PC app to update your phone software. You need a compatible PC, a high-speed internet connection, and a compatible USB cable to connect your phone to the PC.

To get more info and to download the Nokia Suite app, go to [www.nokia.com/support](http://www.nokia.com/support).

## Access codes

PIN or PIN2 code (4-8 digits)	These protect your SIM card against unauthorised use or are required to access some features.
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	<p>You can set your phone to ask for the PIN code when you switch it on.</p> <p>If not supplied with your SIM card or you forget the codes, contact your service provider.</p> <p>If you enter the code incorrectly three times in a row, you need to unblock the code with the PUK or PUK2 code.</p>
<p>PUK or PUK2 code (8 digits)</p>	<p>These are required to unblock a PIN or PIN2 code.</p> <p>If not supplied with your SIM card, contact your service provider.</p>
<p>IMEI number (15 digits)</p>	<p>This is used to identify valid phones in the network.</p> <p>To view your IMEI number, dial <b>*#06#</b>.</p>
<p>Lock code (security code) (min. 4 digits or characters)</p>	<p>This helps you protect your phone against unauthorised use.</p> <p>You can set your phone to ask for the lock code that you define.</p> <p>Keep the code secret and in a safe place, separate from your phone.</p> <p>If you forget the code and your phone is locked, your phone will require service. Additional charges may apply, and all the personal data in your phone may be deleted.</p> <p>For more information, contact a Nokia Care Centre or your phone dealer.</p>

## Nokia original accessories

For availability of approved accessories, check with your dealer.



An extensive range of accessories is available for your device. For more details, see [www.nokia.com.hk/accessories](http://www.nokia.com.hk/accessories).

### Practical rules about accessories

- Keep all accessories out of the reach of small children.

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

## Battery

Type: BL-4U

Talk time:

Up to 11.5 hours (GSM) / 4.7 hours (WCDMA).

Standby:

Up to 600 hours (GSM) / 590 hours (WCDMA).

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

## Product and safety information

### My Nokia

To help you take maximum advantage of your phone and services, you receive free customised text messages from Nokia. The messages contain tips and tricks and support.

To stop receiving the messages, select **Menu > Applications > Tools > My Nokia > Unsubscribe**.

To provide the service described above, your mobile phone number, the serial number of your phone, and some identifiers of the mobile subscription are sent to Nokia when you use the phone for the first time. Some or all information may also be sent to Nokia when updating software. This information may be used as specified in the privacy policy, available at [www.nokia.com](http://www.nokia.com).

### Network services and costs

Your device is approved for use on the WCDMA 2100/1900/900 and GSM/EDGE 850/900/1800/1900 MHz networks. To use the device, you need a subscription with a service provider.

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

### Take care of your device

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

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, remove the battery, and allow the device to dry.
- Do not use or store the device in dusty or dirty areas. Moving parts and electronic components can be damaged.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, damage the battery, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage electronic circuits.
- Do not attempt to open the device other than as instructed in the user guide.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and mechanics.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog moving parts and prevent proper operation.
- Switch off the device and remove the battery from time to time for optimum performance.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important info.

During extended operation, the device may feel warm. In most cases, this is normal. If you suspect the device is not working properly, take it to the nearest authorised service facility.

### Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check how to recycle your Nokia products at [www.nokia.com/recycling](http://www.nokia.com/recycling).

### About Digital Rights Management

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent you from copying, modifying, or transferring photos, music, and other content.

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 1.0 and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated licence that defines your rights to use the content.

If your device has OMA DRM-protected content, to back up both the licences and the content, use the backup feature of Nokia Suite.

Other transfer methods may not transfer the licences which need to be restored with the content for you to be able to continue the use of OMA DRM-protected content after the device memory is formatted. You may also need to restore the licences if the files on your device become corrupted.

If your device has WMDRM-protected content, both the licences and the content are lost if the device memory is formatted. You may also lose the licences and the content if the files on your device become corrupted. Losing the licences or the content may limit your ability to use the same content on your device again. For more info, contact your service provider.

Some licences may be connected to a specific SIM card, and the protected content can be accessed only if the SIM card is inserted in the device.

### **Batteries and chargers**

#### **Battery and charger info**

Your device is intended for use with a BL-4U rechargeable battery. Nokia may make additional battery models available for this device. Always use original Nokia batteries.

This device is intended for use when supplied with power from the following chargers: AC-15. The exact Nokia charger model number may vary depending on the plug type, identified by E, X, AR, U, A, C, K, B, or N. The charger model number can be, for example, AC-15X.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery.

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

#### **Battery safety**

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

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

Always keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily.

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

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

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

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

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

### **Additional safety information**

#### **Emergency calls**

##### **Make an emergency call**

- 1 Ensure the device is switched on.
- 2 Check for adequate signal strength. You may also need to do the following:
  - Insert a SIM card.
  - Remove call restrictions you have activated for your device, such as call barring, fixed dialling, or closed user group.

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- Ensure your device is not in an offline or flight profile.
  - If the device screen and keys are locked, unlock them.
- 3 To clear the display, press the end key as many times as needed.
  - 4 Select **Telephone**.
  - 5 Enter the official emergency number for your present location. Emergency call numbers vary by location.
  - 6 Press the call key.
  - 7 Give the necessary information as accurately as possible. Do not end the call until given permission to do so.

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

### Small children

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

### Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external radio frequency energy.

### Implanted medical devices

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

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

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

### Hearing

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

Some wireless devices may interfere with some hearing aids.

### Nickel

The surface of this device is nickel-free.

### Protect your device from harmful content

Your device may be exposed to viruses and other harmful content. Take the following precautions:

- Be cautious when opening messages. They may contain malicious software or otherwise be harmful to your device or computer.

- Be cautious when accepting connectivity requests, browsing the internet, or downloading content. Do not accept Bluetooth connections from sources you do not trust.
- Only install and use services and software from sources that you trust and that offer adequate security and protection.
- Install antivirus and other security software on your device and any connected computer. Only use one antivirus app at a time. Using more may affect performance and operation of the device and/or computer.
- If you access preinstalled bookmarks and links to third party internet sites, take the appropriate precautions. Nokia does not endorse or assume liability for such sites.

### Operating environment

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

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

### Vehicles

Radio signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more info, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

### Potentially explosive environments

Switch your device off in any area with a potentially explosive atmosphere, for example near petrol pumps at service stations. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Observe restrictions in fuel service stations, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to switch your vehicle engine off, below deck on boats, chemical transfer or storage facilities, and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

### Certification information (SAR)

#### This mobile device meets guidelines for exposure to radio waves.

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

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station.

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 1.36 W/kg.

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

### NOKIA SERVICE TERMS

#### Terms of Use

##### 1. Acceptance

These Nokia Service Terms together with the Privacy Policy and all other additional terms and information that may be provided within the Service (collectively "Terms") govern your use of the service, site, content and software (collectively the "Service"). By registering for or using the Service or any portion of it you accept the Terms.

The Terms constitute an agreement between you and Nokia Corporation, Keilalahdentie 2-4, 02150 Espoo, Finland including its affiliates and suppliers (collectively "Nokia"), defining your and Nokia's rights and responsibilities with respect to the Service.

##### 2. Eligibility

To use the Service, you must be at least thirteen (13) years of age. If you are under thirteen (13) years of age, or at least thirteen (13) years of age but a minor where you live, you must have your parent or legal guardian accept your registration on your behalf and approve your use of the Service. Anyone completing the registration must be legally competent.

##### 3. Registration and Termination

To use a Service you may need to register and create a Nokia account with username and a password. You may need to provide us with certain personal and other information. Nokia may verify your email address before account can be used. Upon first use of your device and each time you update the Nokia device software, a text message will be sent to Nokia. The creation of a Nokia Account will require data transmission. Data transmission costs may apply.

You agree to provide truthful and complete information when you register for the Service and to keep that information updated. You must take due care to protect your username and password against misuse by others and promptly notify Nokia about any misuse. You, and your parent or legal guardian if you are a minor, are personally responsible for any use of the Service.

You may terminate your registration if you no longer wish to use the Service. After termination, you will no longer have access to the Service. Nokia may terminate your registration or restrict your access to certain parts of the Service if Nokia reasonably believes that you have breached the Terms or with prior notice if you have not signed into the Service with your username in the past six (6) months.

Except as set forth in the Privacy Policy, Nokia is not responsible for any removal or loss of the information or content you have submitted to the Service. When information or content is removed from the Service by either you or Nokia, traces or copies may still remain elsewhere.

#### 4. Licenses

Nokia grants you a non-exclusive, non-transferable license, revocable at any time at Nokia's sole discretion, to access and use the Service strictly in accordance with the Terms. Use of the Service does not grant you any intellectual property rights in or to any information or content in the Service.

As part of the Service, Nokia may provide you with content developed by Nokia or its licensors ("Content"). Nokia grants you a non-exclusive and perpetual license to use Content for the purpose it is intended, unless otherwise defined in the applicable Terms or the purchase order. Some Content may only be available to residents of certain geographical areas. You are bound by any restrictions applicable to specific Content you obtain through the Service. Any license acquired to third-party Content is a binding agreement between you and the third-party Content provider. You have only the rights to the Content which are expressly granted here.

As part of the Service, Nokia may provide you with certain software developed by Nokia or, its licensors ("Software"). Your use of Software may be subject to separate terms and conditions that you must accept before using the Software. If there are no separate terms and conditions applicable to such Software, the following terms apply: Nokia grants to you a limited, non-exclusive, non-transferable right to install and use the Software on your computer and/or mobile device. You may not copy the Software, except to make a single archival backup copy. You may not distribute, transfer the right to use, modify, translate, reproduce, resell, sublicense, rent, lease, reverse engineer, or otherwise attempt to discover the source code of or make derivative works of the Software. For open source licensed software, applicable open source license terms apply.

The Software maybe subject to export controls under the U.S. Export Administration Regulations and other import or export control regulations. You agree to strictly comply with all applicable import and export regulations and acknowledge that you have the responsibility to obtain licenses to export, re-export, transfer, or import such Software.

You may be able to submit information or content ("Material") to the Service. Nokia does not claim ownership in your Material. Your submission of Material does not transfer ownership of rights of the Material to Nokia. Nokia is only transmitting the Material and is not responsible for editorial control over it. By submitting Material to the Service you grant Nokia a worldwide, non-exclusive, sub-licensable, assignable, fully paid-up, royalty-free, perpetual and irrevocable license to use, copy, publicly perform, display, distribute in any media and modify the Material to incorporate the Material into other works, and to grant similar sublicenses to the extent necessary for Nokia to provide the Service. You may be able to adjust this grant in the privacy and other settings of the Service.

You are solely responsible for taking backup copies of the data you store on the Service, including Content you upload. If the Service is discontinued or canceled, Nokia may permanently delete your data. Nokia has no obligation to return data to you after the Service is discontinued or canceled.

#### 5. Using the Service

You agree to:

- Comply with applicable laws, the Terms and good manners;
- Use the Service only for your personal, non-commercial purposes;
- Not submit unlawful, offensive, inaccurate, misleading, abusive, pornographic, harassing, libelous or otherwise inappropriate Material;
- Obtain any consents, permission or licenses that may be legally required for you to submit any Material;
- Respect the privacy of others;
- Not distribute or post spam, unreasonably large files, chain letters, pyramid schemes, viruses; or
- Not use any other technologies or initiate other activities that may harm the Service, or the interest or property of the Service users.
- Not to use any automated systems or means to access, acquire, copy or monitor any part of the service.
- Be responsible for the consequences related to the Material that you post.

Nokia may but has no obligation to:

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- Monitor or moderate any Content or Material;
- Remove any Material from the Service; and
- Restrict access to any part of the Service at any time in its sole discretion.

### 6. Content

Before downloading or accessing any Content, please check whether the Content which you wish to access is restricted by age or marked as potentially 'offensive' or 'explicit'. Nokia shall not be responsible for any claims or offense caused or suffered by you accessing such Content.

You agree:

- To use the Content only for your personal, non-commercial purposes;
- To use the Content in accordance with the restrictions set out in the applicable laws, additional terms, guidelines and policies or on the product pages that apply to that particular piece of the Content;
- Not to make copies, give, sell, resell, loan, rent, offer, broadcast, send, distribute, transfer, communicate to the public, reproduce, modify, display, perform, commercially exploit or make the Content available unless otherwise authorized in the applicable Terms and to advise Nokia promptly of any such unauthorized use;
- Not to remove, circumvent, reverse engineer, decrypt, or otherwise alter or interfere with any applicable usage rules or attempt to circumvent digital rights management or copy protection features associated with the Content or any other technologies used to control the access to or use of the Content or its identifying information;
- Not to use any automated systems or means, except for those provided by us, for the selection or downloading of the Content;
- Not to give out your password or otherwise allow other people to access the Content. The restrictions on copying that apply to applicable media also apply to the Content accessed as part of this Service.

The Content is owned and/or controlled by Nokia and/or its respective licensors and is protected by intellectual property laws. The third party Content provider is solely responsible for any Content it provides, any warranties to the extent that such warranties have not been disclaimed and for any claims you may have relating to that Content or your use of that Content. However, Nokia may enforce the third party Content license terms against you as a third party beneficiary of those terms. The third party Content providers are third-party beneficiaries under these Terms and may enforce the provisions that directly concern the Content in which they have rights. Nokia may be acting as an agent for third party Content provider in providing the Content to you. Nokia is not a party to the transaction between you and the third party Content provider for such Content.

### 7. Allegations of Copyright Infringement

You may notify Nokia of copyright infringement on the Service by providing notice (a) by email with "Copyright Notification" in the subject line to [copyright.notices@nokia.com](mailto:copyright.notices@nokia.com), (b) by a document titled "Copyright Notification" mailed to Nokia, Attn: Copyright Agent, 102 Corporate Park Drive, White Plains, NY 10604, USA or (c) via the online form, if available. Your notice must:

1. identify the original copyrighted work you claim is infringed;
2. identify the content on the Service that you claim is infringing the copyrighted work. Please provide enough detail for Nokia to locate the allegedly infringing content on the Service;
3. provide your contact information, including your full name, mailing address, telephone number, and email address, if available;
4. provide a statement that you have a good faith belief that the use of the content in the manner complained of is not authorized by the copyright owner, its agent, or the law;
5. provide this statement: "I swear, under penalty of perjury, that the information in this notification and complaint is accurate and that I am the copyright owner, or am authorized to act on behalf of the copyright owner of an exclusive right that is infringed.;" and

6. provide your signature, as applicable.

## **8. Notices**

Nokia may post notices within the Service. Nokia may also send you notices about products and Services to the email address or telephone number you have provided to us. You are deemed to have received such notices at the latest within seven (7) days from Nokia sending or posting those. Your continued use of the Services constitutes your receipt of all notices regardless of delivery method.

## **9. Fees**

Your use of the Service may be or may become subject to charges.

Any fees charged by Nokia will be announced separately in connection with the Service.

Use of the Service may involve transmission of data through your service provider's network. Prices listed within the Service do not include possible data transmission, text message, voice or other service provision charges by your network service provider.

Nokia assumes no responsibility for the payment of any charges of your service providers.

## **10. Order and Payment Terms**

"Order" shall mean the selection of payable Content and/or subscription to Content offered by Nokia and available in the Service and submission of payment method, as well as submitting the order by selecting the "buy", "ok", "I accept" or other similar confirmation of acceptance in the order flow or providing other indication of acceptance terms that are presented to you in the order flow.

To place an Order within the Service, you must have reached the age of legal competence according to the applicable legislation. If you have not reached the age of legal competence, you may place Orders only with the prior consent of your parent or legal guardian.

You agree that all Orders shall be legally valid and binding. All Orders are subject to acceptance by Nokia.

You may pay by credit or debit card, network service provider billing, or other payment methods if available.

Your credit or debit card must have a billing address in the country where the Content is offered by the Service. Nokia will charge your credit card or debit your bank account within a reasonable time after you have made your Order. All credit card payments are subject to validation checks and authorization by the card issuer.

If you choose network service provider billing, charges will appear on your mobile phone bill or be deducted from your prepaid account if it is a prepaid account. Some network service providers may subject your usage of the Service to additional terms and conditions including placing limits on the amount of charges possible with network service provider billing. Charges in excess of network service provider limits or account balance may be rejected.

You agree to pay the charges related to your Order, to ensure that the instrument of payment is valid at the time of the Order, that you are the rightful holder of the instrument and that the instrument is used within its credit limits.

The Content that is delivered is licensed to you. You agree to use such Content solely as permitted in these Terms and in any additional terms that you may be presented in the order flow.

The Service may offer subscriptions. You authorize the Service to place a periodical charge during the period of the subscription. The Service may also offer a trial period. If your Order involves a trial period (also known as try-and-buy), you may be charged when the trial period expires, unless you cancel in accordance with the subscription/trial terms.

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The prices in the Service may change from time to time. Prices include applicable taxes in effect at the time of your transaction, unless otherwise stated. There may be instances where you incur additional charges from your bank or credit card provider based on currency conversion rates used and/or additional fees assessed. Nokia assumes no responsibility for the payment of bank or any other third party service fees or charges.

### 11. Cancellations and Refunds

You agree to the electronic delivery of Content being initiated concurrently with the placement of your Order. You will not be able to cancel your Order once it has been processed. The nature of the Content is such that it cannot be returned.

In the event that after your Order you discover and promptly inform Nokia within 48 hours that (a) the Content you have ordered is faulty; (b) the Content Nokia delivers to you does not match the description of the Content you ordered via the Service; or (c) technical problems delayed or prevented delivery of your Content or accidental multiple orders caused by such technical problems, your sole and exclusive remedy with respect to such Content will be either replacement of such Content, or refund of the price paid for such Content, as determined solely by Nokia. Otherwise, no refunds are available. If you encounter any of the above issues, please contact Nokia Customer Support.

Please note that Nokia may not be able to process your customer support request if you are unable to provide your transaction ID, which is provided to you by Nokia following your Order from the Service. Nokia may only process refunds for Content where the total price is above the monetary limit stipulated in applicable local legislation.

### 12. Feedback to Nokia

By submitting any ideas, feedback and/or proposals ("Feedback") to Nokia through the Service or other means, you acknowledge and agree that: (1) Nokia may have similar development ideas to the Feedback; (2) your Feedback does not contain confidential or proprietary information of you or any third party; (3) Nokia is not under any obligation of confidentiality with respect to the Feedback; (4) Nokia may freely use, distribute, exploit and further develop and modify Feedback for any purpose; and (5) you are not entitled to any compensation of any kind from Nokia.

### 13. Social Activities and Location Sharing

You may use features in the Service to share your location, status, content, Materials or personal information or to interact with other users, sites and services. By using these features you agree that Nokia may use and provide that information to other services and persons with whom you choose to interact or share this information. Users of these services and persons, such as your contacts, may see your location, status and/or personal information. In using these features you agree not to share information, Content or Material or to link to any service or site that: (a) contains content or other material that is illegal or inappropriate; or (b) exploits intellectual property rights without authorization or encourages users to piracy. Any interaction does not involve Nokia and is solely between you and the other user(s).

### 14. Availability and Technical Requirements

The availability of Content and the Service may vary and is subject to Nokia's sole discretion. Nokia expressly disclaims any representation or warranty that any particular Content or Service will be available. The Service may not be available in all countries and may be provided only in selected languages. The Service, operations and some features may also be dependent on the network, compatibility of the devices used and the content formats supported.

To access the Service, you may need to download a specific piece of software developed by Nokia or by another party.

Nokia may, in its sole discretion, change, correct or discontinue the Service in whole or in part. The Service may not be available during maintenance breaks and other times. To ensure you have the latest Nokia device software and applications, your device may automatically check for the availability of software updates from Nokia. If any are detected you will be prompted to approve the installation. You may disable automatic checking for updates through settings in your device. You may also install software through available software update channels. If Nokia considers a Software update to be important or critical you may not continue using the previous version of the Software. Nokia may prevent your use of the previous version of the Software or Service until you install the update.

Nokia may disable any Content or Software contained in your Service account for any reason and remove any Content or Software and/or disable copies of any application on your device in order to protect the Service, application providers, wireless carriers over whose network you access the service or any other affected or potentially affected parties.

A particular service may be a pre-release version, for example a beta release, and may not work in the way a final version works. Nokia may significantly change any version of Service or Software or decide not to release a final version.

## **15. Links to Third Party Sites and Content**

Nokia may include access to sites and services on the Internet or preloaded clients that enable you to interact with sites and services that are owned or operated by third parties and that are not part of the Service. You must review and agree to the terms and conditions of these sites or services before using these sites or services.

Nokia has no control over the third party content, sites or services and assumes no responsibility for services provided or material created or published on these third-party sites or services. A link to a third-party site does not imply that Nokia endorses the site or the products or services referenced in the site.

In addition, you and other users may create content and links to content within the Service that has not otherwise been submitted to the Service. Nokia is not responsible for this type of content or links.

## **16. Advertisements**

Service may include advertisements. Advertisements may be targeted to the content or information stored on the Service, queries made through the Service, or other information.

## **17. Personal Data**

The Privacy Policy and any additional privacy information made available to you govern the use of your personal data.

## **18. Limitation of Liability**

The Service is provided on "AS IS" and "AS AVAILABLE" basis. Nokia does not warrant that the Service will be uninterrupted or error or virus-free. No warranty of any kind, either express or implied, including but not limited to warranties of title, non-infringement, merchantability, or fitness for a particular purpose, is made in relation to the availability, accuracy, reliability, information or content of the Service. You expressly agree and acknowledge that the use of the Service is at your sole risk and that you may be exposed to content from various sources.

Except for liability for death or personal injury caused by its gross negligence or intentional misconduct, Nokia is not liable for any direct damages caused by your use or inability to use the Service. In no case will Nokia be liable for any indirect, incidental, punitive or consequential damages resulting from your use or inability to use the Service.

## **19. Indemnification**

You agree to defend and indemnify Nokia from and against all third party claims and all liabilities, assessments, losses, costs or damages resulting from or arising out of (i) your breach of the Terms, (ii) your infringement or violation of any intellectual property rights, other rights or privacy of a third party, or (iii) misuse of the Service by a third party where the misuse was made possible by your failure to take reasonable measures to protect your username and password against misuse.

## **20. Miscellaneous**

### **20.1 Choice of Law**

The Terms are governed by the laws of Finland without regard to its conflicts of law provisions.

### **20.2 Validity**

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The Terms neither exclude nor limit any of your mandatory rights in your country of residence that cannot by law be waived. If a provision of the Terms is found to be invalid, the remaining provisions will not be affected and the invalid provision will be replaced with a valid provision that comes closest to the result and purpose of the Terms. In the event one or more provisions of these Terms are not relevant to your use of the Service, it shall not impact the validity or enforceability of any other provision of the Terms or the Terms as a whole. If there is any conflict between these Nokia Service Terms and the Privacy Policy, the provisions of these Nokia Service Terms prevail. The provisions of the Terms that are intended to survive termination of your registration remain valid after termination.

### 20.3 Changes in Terms

Nokia may modify the Terms at any time without prior notice. If the Terms are changed in a material, adverse way, Nokia will provide a separate notice advising of the change.

You are responsible for regularly reviewing the Terms. Your continued use of the Service constitutes your consent to any changes and modification.

### 21. Intellectual Property

The Service, Content and Software are protected under international copyright laws. Nokia claims copyrights in its Service, Content, and Software to the maximum extent of the law. Subject to the Terms, Nokia retains all right, title and interest in the Service, its Content, the Software and in all other Nokia products, software and other properties provided to you or used by you through the Service.

### 22. Assignment

Nokia may assign its rights and obligations under these Terms to its corporate parent, its subsidiaries, or to any company under common control with Nokia. Additionally, Nokia may assign its rights and obligations under these Terms to a third party in connection with a merger, acquisition, sale of assets, by operation of law or otherwise.

### WE CARE ABOUT YOUR PRIVACY

Nokia is committed to protecting your privacy and to complying with applicable data protection and privacy laws. This Privacy Policy ("Policy") explains how we process personal data. Throughout this Policy the term "personal data" means information relating to an identified or identifiable individual (i.e. a natural person). "Nokia" refers to Nokia Corporation, including its affiliates (also referred to as "we", "us", or "our"). This Policy applies for processing of your personal data where Nokia is the data controller or where we refer to the applicability of this Policy.

We may provide additional privacy information in connection with our products and services through service descriptions and other notices. Such information prevails over this Policy to the extent of any conflict.

Third party services installed on your device may allow access to information available on your device. Our products or services may contain links to other companies' websites and services that have privacy policies of their own. We recommend that you read the privacy policies of such third party services. Nokia is not responsible for the privacy practices or contents of any such third party services.

**By using this website and/or by submitting personal data to Nokia, you agree to the processing of your personal data as explained in this Policy. If you do not agree with this Policy, please do not use this website or provide Nokia with your personal data.**

### What Data Do We Collect?

We collect your personal data typically when you make a purchase, use or register into our products and services, take part in a campaign or otherwise interact with us. Below are examples of the categories of data we collect.

- **Your use of our products and services** When you use our products and services your IP-address, access times, the website you linked from, pages you visit, the links you use, the content you viewed and other such information your browser provides us with is automatically collected by Nokia. Some of our mobile services may collect your unique mobile

device identifiers, subscriber identity information, network service provider specific identifiers, network settings and other such information. When you use our products and services or otherwise interact with us over telecommunications networks, certain additional information, such as your mobile subscription number, may be transmitted to us by your mobile network provider.

- **Information you provide us with** We may ask you to provide us with information such as your name, email address, street address, user names and passwords, your consents, preferences and feedback, information relating to your devices, age, gender, postal code and language preferences. Please note that certain non-identifiable information collected from you may become personally identifiable when you provide us with your personal data. We may also obtain, in accordance with applicable law, some personal data from list-rental companies and other such publicly available sources. Some of our services may allow you to submit information about other people, for example, if you make an order for a product that you wish us to send directly to another recipient.
- **Your transactions with us** We collect information relating to your purchase and use of our products and services and your other interactions with us. Such information may include details of the queries or requests you have made, the products and services provided, delivery details, bank account number, credit card details, billing address, credit checks and other such financial information, details of agreements between you and Nokia, records of contacts and communications, information and details relating to the content you have provided us with and other such transactional information. We may, in accordance with applicable law, record your communication with our customer care or with other such contact points.
- **Location data** Nokia's location based services and features may use satellite, Wi-Fi or other network based location data, for example your IP-address. Assisted positioning methods of the device, for example Assisted GPS, provide you with faster and more accurate location data. Use of assisted positioning methods may involve exchanging your location data, wireless network identifiers along with your unique device or network service provider identifiers with a location server. Nokia processes this information anonymously. Depending on your positioning settings and your use of location services of other service providers your device may connect to other service providers' servers, which are not controlled or operated by Nokia. We recommend you to check the privacy policies of such service providers to understand how they process your location data. You can modify the positioning settings of your device from the device settings, for example change or disable positioning methods or location servers or modify the accuracy of your location data.

Nokia offers various location based services and features that may require the use of your location data. For example when you make a location based search, use location enhanced weather features or request for map data, your location data may be sent to Nokia to serve you with the right content. This may also include location based advertising. Some location based services may allow you to associate your personal data with your location. To learn more about available location based services and features, please refer to instructions and other support material for our products and services.

### Why Do We Process Personal Data?

Nokia may process your personal data for the following purposes. Please note that one or more purposes may apply simultaneously.

- **Providing products and services** We may use your personal data to provide you with our products and services, to process your order or as otherwise may be necessary to perform the contract between you and Nokia, to ensure the functionality and security of our products and services, to identify you as well as to prevent and investigate fraud and other misuses.
- **Developing products and services** We may use your personal data to develop our products and services. However, for the most part we only use aggregate and statistical information for such purposes. We may combine personal data collected in connection with your use of a particular Nokia product and/or service with other personal data we may hold about you, unless such personal data was collected for a different purpose.
- **Communicating with you** We may use your personal data to communicate with you, for example to send you critical alerts and other such notices relating to our products and/or services and to contact you for consumer care related purposes.

**Marketing and making recommendations** We may use your personal data to personalize our offering and to provide you with more relevant services, for example, to make recommendations and to display customized content and advertising in our services. This may include displaying Nokia and third party content. We may use your personal data for direct marketing or

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research purposes, for example, to conduct market research and we may, in accordance with applicable law, contact you to inform you of new products, services or promotions we may offer.

### First use of your Nokia device

Depending on your device a Nokia Account may be created for you or you may need to sign in with your existing Nokia Account when you first use your device. In the activation process your user name, email address, mobile number, unique mobile device identifier and subscriber identity information will be sent to Nokia and we may associate this information with your Nokia Account. This combined information may be used to activate your warranty and certain software licenses and to send you personalized messages, for example emails, text and other messages. These messages may include information about Nokia's products and services, such as tips and commercial offers. You may unsubscribe from these messages at any time for example by following the information in the message you receive after taking your device into use, instructions in the device or in the messages, through available profile management tools or contacting Nokia customer care. The collected information may also be used to display personalized content as well as to improve Nokia's products and services. The above information may also apply in case you update the software of your device.

### Do We Share Personal Data?

We do not sell, lease, rent or otherwise disclose your personal data to third parties unless otherwise stated below.

- **Your consent and social sharing services** We may share your personal data if we have your consent to do so. Some services may allow you to share your personal data with other users of the service or with other services and their users. Please consider carefully before disclosing any personal data or other information that might be accessible to other users.
- **Nokia companies and authorized third parties** We may share your personal data with other Nokia companies or authorized third parties who process personal data for Nokia for the purposes described in this Policy. This may include for example billing through your network service provider or otherwise, delivery of your purchases, providing services including customer service, managing and analyzing consumer data, credit checks, conducting market research and managing marketing and other such campaigns. When you purchase a Nokia product from us with a network service provider plan, we may need to exchange information with your network service provider to provide you with such service.

We may conduct joint marketing and other communications with our partners, for example your mobile operator. To avoid duplicate or unnecessary communications and to tailor the message to you we may need to match information that Nokia has collected with information that the partner has collected where this is permitted by law.

These authorized third parties are not permitted to use your personal data for any other purposes. We require them to act consistently with this Policy and to use appropriate security measures to protect your personal data.

- **International transfers of personal data** Our products and services may be provided using resources and servers located in various countries around the world. Therefore your personal data may be transferred across international borders outside the country where you use our services, including to countries outside the European Economic Area (EEA) that do not have laws providing specific protection for personal data or that have different legal rules on data protection, for example, the United States of America. In such cases we take steps to ensure that there is a legal basis for such a transfer and that adequate protection for your personal data is provided as required by applicable law, for example, by using standard agreements approved by relevant authorities (where necessary) and by requiring the use of other appropriate technical and organizational information security measures.
- **Mandatory disclosures** We may be obligated by mandatory law to disclose your personal data to certain authorities or other third parties, for example, to law enforcement agencies in the countries where we or third parties acting on our behalf operate. We may also disclose and otherwise process your personal data in accordance with applicable law to defend Nokia's legitimate interests, for example, in civil or criminal legal proceedings.
- **Mergers and Acquisitions** If we decide to sell, buy, merge or otherwise reorganize our businesses in certain countries, this may involve us disclosing personal data to prospective or actual purchasers and their advisers, or receiving personal data from sellers and their advisers.

### How Do We Address The Privacy of Children?

Nokia products and services are typically intended for general audiences. Nokia does not knowingly collect information of children without the consent of their parents or guardians. Nokia publishes safety guidelines for using internet services in our websites.

### **How Do We Address Data Quality?**

We take reasonable steps to keep the personal data we possess accurate and to delete incorrect or unnecessary personal data.

As certain Nokia products and services may allow you to manage your profile, we encourage you to access your personal data from time to time to ensure that it is correct. Please remember that in case of any changes it is your responsibility to update the personal data you have provided us with.

### **What Steps Are Taken To Safeguard Personal Data?**

Privacy and security are key considerations in the creation and delivery of our products and services. We have assigned specific responsibilities to address privacy and security related matters. We enforce our internal policies and guidelines through an appropriate selection of activities, including proactive and reactive risk management, security engineering, training and assessments. We take appropriate steps to address online security, physical security, risk of data loss and other such risks taking into consideration the risk represented by the processing and the nature of the data being protected. Also, we limit access to our data bases containing personal data to authorized persons having a justified need to access such information.

### **How Do We Use Cookies and Web Beacons?**

Cookies are small text files that are sent to your computer by a web server. We use cookies to provide benefits to you. Session cookies remember the previous activity performed by you, for example an item you placed in a shopping cart. Persistent cookies are used to save your preferences over multiple sessions, for example personalization of settings on our websites. Cookies may be used to display targeted ads and recommendations, for example to eliminate showing the same ads to you multiple times or showing ads that we think are of interest to you based on your past actions on our website. Cookies are also used to determine the effectiveness of our promotions and advertising campaigns and to improve our products and services.

Nokia may use web beacons (or "pixel tags") in connection with some of our websites. However, we do not use them to identify individual users personally. Web beacons are typically graphic images that are placed on a website and they are used to count visitors to a website and/or to access certain cookies. This information is used to improve our services. Web beacons do not typically collect any other information than what your browser provides us with as a standard part of any internet communication. If you turn off cookies, the web beacon will no longer be able to track your specific activity. The web beacon may, however, continue to collect information about visits from your IP-address.

Some Nokia websites or applications may utilize so called locally stored objects, such as Flash local shared objects ("Flash cookies") or HTML5 Web Storage. Locally stored objects are used for similar purposes as cookies but typically may contain a greater amount and different types of data than browser cookies. For example, in Flash you can use the Flash Player Settings Manager to control the storage of local shared objects, including disabling the local shared objects for certain websites only or disabling the storage of local shared objects completely for all websites.

Some Nokia websites use third party advertising technologies, such as DoubleClick, to serve ads. DoubleClick uses a cookie to collect information about your visits to Nokia and third party websites. This information will be used to serve ads on Nokia and third party websites. The collected information will not be directly personally identifiable nor will DoubleClick share the information with third parties. You may choose to disable the DoubleClick cookie at any time by using DoubleClick opt-out cookie. You may also go to <http://networkadvertising.org/> to install an opt-out cookie.

Most browsers allow you to disable or allow the use of cookies. You may also delete the cookies on your computer if your browser so permits. If you disable cookies, you may not be able to use certain parts of our services and you may need to re-install the opt-out cookie.

### **What Are Your Rights?**

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You have a right to know what personal data we hold about you. You have a right to have incomplete, incorrect, unnecessary or outdated personal data deleted or updated. You have a right to request that we stop processing your personal data for direct marketing or market research purposes. However, if you opt-out from marketing and other communications from Nokia, we may still send you critical alerts pertaining to our products and services or contact you for these purposes.

You may exercise your rights by contacting us through the contact points referred to below. In some cases, especially if you wish us to delete or stop processing your personal data, this may also mean that we may not be able to continue to provide the services to you. Please note that Nokia may need to identify you and to ask for additional information in order to be able to fulfill your request. Please also note that applicable law may contain restrictions and other provisions that relate to your rights.

We encourage you to use available profile management tools, for example Nokia Account for the above purposes as such tools often provide you with direct access to your personal data and allow you to effectively manage it.

### Who Is The Controller of Your Personal Data?

Nokia Corporation of Keilalahdentie 4, 02150 Espoo, Finland is the controller of your personal data.

In addition, the Nokia affiliate providing the product or service may be a controller of your personal data. You may find the identity of the controller and its contact details by reviewing the terms and conditions of such a product or service or by using contact information provided in the applicable Nokia websites.

In matters pertaining to Nokia's privacy practices you may also contact us at:

Nokia Corporation

c/o Privacy

Keilalahdentie 4

02150 Espoo

Finland

### US Safe Harbor Privacy Framework

Nokia Inc., 102 Corporate Park Drive, White Plains, NY 10604 USA adheres to the EU-US/Swiss-US Safe Harbor Privacy Principles of Notice, Choice, Onward Transfer, Security, Data Integrity, Access and Enforcement, and is registered with the U.S. Department of Commerce's Safe Harbor Program. If you have questions or concerns about Nokia's participation in the Safe Harbor Framework, please contact:

Nokia Inc.,

102 Corporate Park Drive,

White Plains, NY 10604 USA.

Attention: Legal Director, North America.

If you believe Nokia Inc. has not satisfactorily addressed your data privacy concerns, you may contact the EU Data Protection Panel at: Data Protection Panel Secretariat, Rue de Luxembourg 46 (01/126) B-1000 Brussels, BELGIUM, or by visiting <http://circa.europa.eu/Public/irc/secureida/safeharbor/home>.

### Changes to This Privacy Policy

Nokia may from time to time change this Policy or change, modify or withdraw access to this site at any time with or without notice. However, if this Policy is changed in a material, adverse way, Nokia will post a notice advising of such change at the beginning of this Policy and on this site's home page for 30 days. We recommend that you re-visit this Policy from time to time to learn of any such changes to this Policy.

## Copyright and other notices

### DECLARATION OF CONFORMITY

# CE 0434 Ⓢ

Hereby, NOKIA CORPORATION declares that this RM-697 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at <http://www.nokia.com/global/declaration>.

For products placed on the market before 1 July 2012, the alert symbol is applicable to indicate the restrictions on use in France for the WLAN functionality. In accordance with EU Decision 2009/812/EC, after 1 July 2012, the alert symbol is no longer applicable for the WLAN functionality within this product and, hence, can be disregarded even if it is still present on the product.

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For the most current product info, please refer to [www.nokia.com.hk](http://www.nokia.com.hk).

Reverse engineering of software in the device is prohibited to the extent permitted by applicable law. Insofar as this user guide contains any limitations on Nokia's representations, warranties, damages and liabilities, such limitations shall likewise limit any representations, warranties, damages and liabilities of Nokia's licensors.

The availability of products, features, apps, and services may vary by region. For more info, contact your Nokia dealer or your service provider. This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.

Nokia does not provide a warranty for or take any responsibility for the functionality, content, or end-user support of third-party apps provided with your device. By using an app, you acknowledge that the app is provided as is. Nokia does not make any representations, provide a warranty, or take any responsibility for the functionality, content, or end-user support of third-party apps provided with your device.

The availability of Nokia services may vary by region.

### FCC NOTICE

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

Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

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