# Set up

Installing the USIM cards

The USIM card stores information as your personal phone number, PIN code, carrier services numbers, contacts and other important details. To access the USIM slots, turn off the phone, take off the back cover by unscrewing the two big screws on the cover and lifting it up and extract the battery. Insert USIM2 by sliding it with its golden contacts facing downwards. USIM1 supports WCDMA, it should be installed after installing the memory card since its slot contains the micro-SD slot. Open the metallic grid by pushing it into the "open" position. Insert the USIM card into the metallic grid so that the metallic contact will be turned downwards when you close the grid. Push the grid into the "Lock" direction to close it.
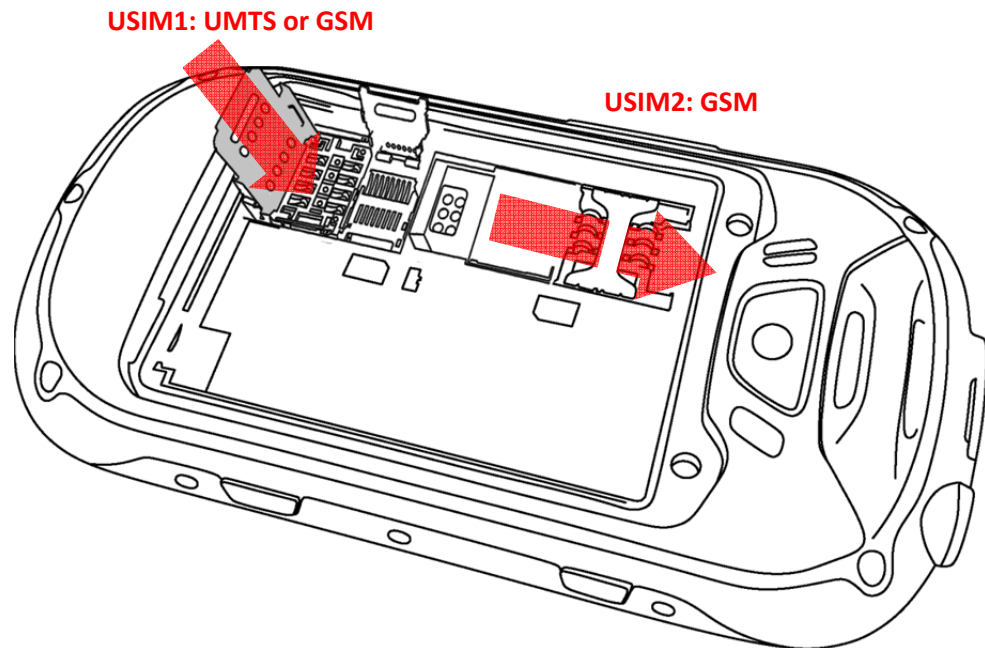
Installing the memory card

In order to use all functions of NGM Explorer, it is advisable to install a micro-SD card: it must be inserted in the back side of the phone, after powering it off and removing the battery. A dedicated slot fort the memory card is placed under the USIM1-slot. Unlock the micro-SD grid by pushing it into the "Open" direction. Slide in the memory card into the opened metallic grid so that the gold contacts will be facing downwards when you close the grid. Close the grid and push it into the "Lock" position.

USIM1: UMTS or GSM

USIM2: GSM

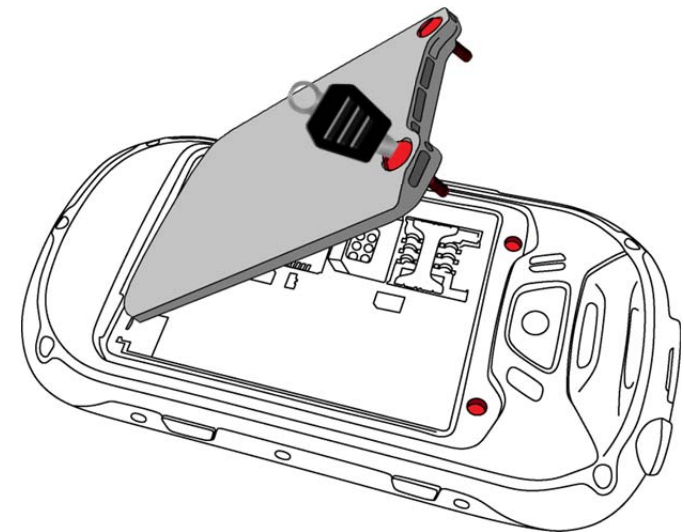micro SD
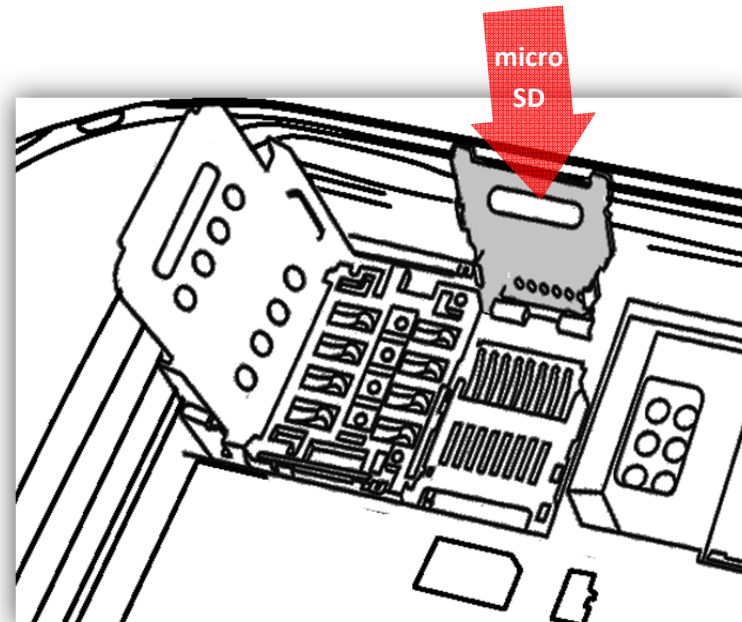
Inserting the battery

Your device is provided with a lithium-ion battery and is designed to be used exclusively with original NGM batteries and chargers. The battery must be inserted into the backside of the phone (see illustration below) with the battery contacts facing the contacts in the battery tray. When done, put the hind cover back into position and close the screws by turning them clockwise with the dedicated screwdriver.
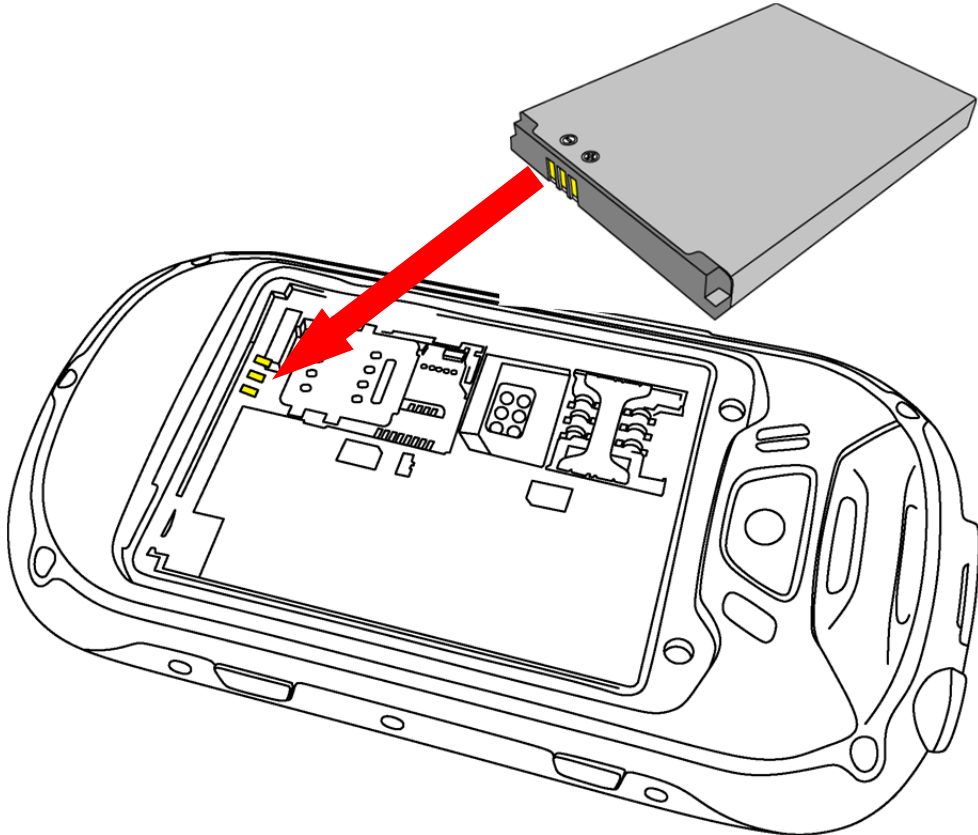
Charging the battery

Please charge the battery completely before starting to use the device. Use the provided USB cable, connecting one end to the provided wall socket adaptor (placed into a socket) and the other end to the USB connector placed on the lower side of the phone. The phone can also be charged by connecting it to a PC USB port. While the battery is charging, an animation on screen will show the charging progress if the phone is on. Once charge is completed, the icon will be filled and the phone can be disconnected from the grid. If the phone is off, the signaling LED will be red during the charging process and it will turn green when charging is completed.

Warning: *Do not connect the phone to a booting-up or running down PC to avoid voltage jumps. In order to preserve the correct functioning of the device and in order not to compromise warranty, the sole use of original NGM battery chargers and accessories are recommended. Please charge the battery indoors, in a dry and favorable environment. It's normal for the battery to get slightly warm during the charging process. The battery will reach the full capacity when cycled several times.*

Brightness and proximity sensor

Receiver

Front camera

Signal LED

On/Off and Standby key

Capacitive touch screen

Find

Back

Home

Contextual Menu

Side Key

Call key

Microphone

End key

Micro USB Connector

Earphones connector

Eye for safety-strap

Speaker

Camera

Flash

Secondary Microphone

Volume " +" and "−"

Turn on, turn off and standby

Press and hold the Power key to turn the phone on. Press and hold the same key and confirm your intention to turn off the phone. A quick pressure of the on/off key sets the phone on standby-mode (screen off) or to go back to the standby screen (see below).

Height
-29.4m

Pressure
1016.79hPa

SIM1

SIM2

Drag the bar to the right in order to unlock the screen and open the main screen.

03:32
1/1/2012

Mon Tue Wed Thu Fri Sat Sun

The main screen

USIM signal intensity

Battery level

03:33

Notification panel

See all your apps.
Touch the Launcher icon.

1 of 6

Main screen page indicator bar

Contacts   E-compass   Pedometer   Browser

Call Menu   Main Menu   Messaging
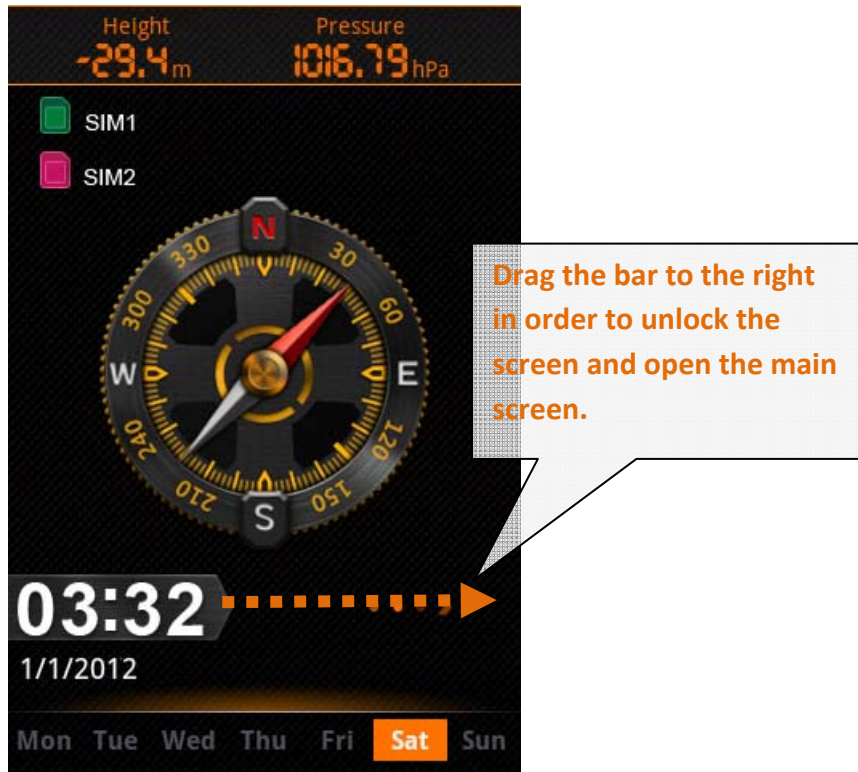
The main screen is the starting point for the use of all applications of the phone. Other main screen pages are available (as indicated by the white bar), just swipe the screen left or right. These pages can be freely personalized with one's favorite applications, shortcuts and widgets. Just keep pressed the icon of the wished function in the application menu and then place the icon on the preferred main screen. To remove the icons, keep them pressed and drag them to the bin that appears in the lower part of the screen.

The Main Menu

Notification panel
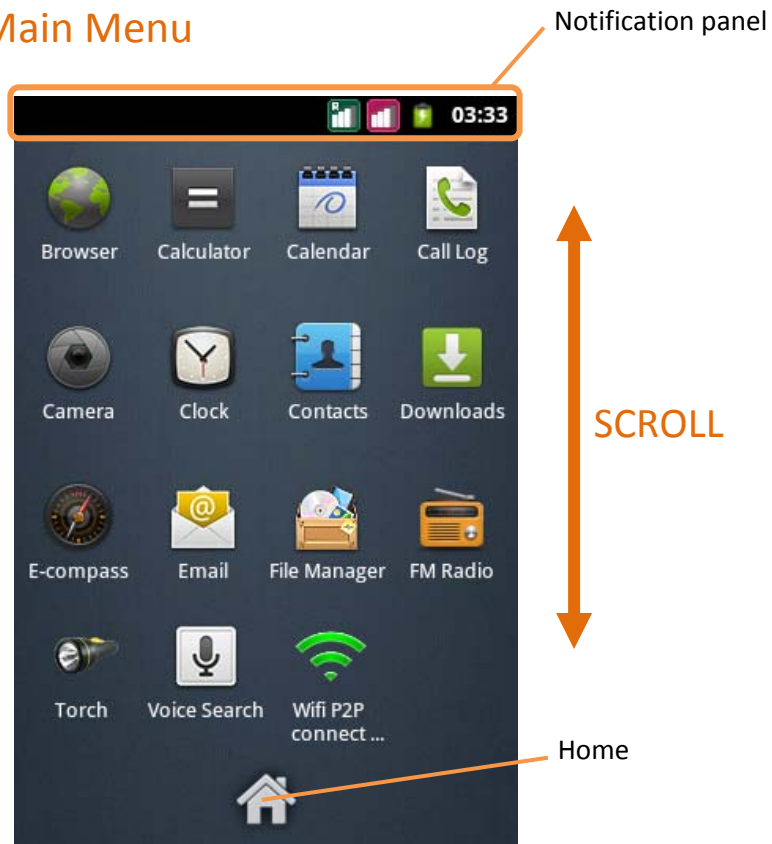
SCROLL

Home

Use the touch screen by touching, pressing, sliding your finger over it. Select an application from the main menu or scroll the main menu pages up and down to find the desired one. Press the back key to get back to the previous screen or press Home to get back into the main screen.

SOS Key – Side key
By pressing the side key for more than 3 seconds, the phone will turn on the GPS, gather information coordinates and send them by SMS to the max 5 numbers set in *Menu > Settings > Location > One Key SOS Settings*.

Managing the two USIM cards

From the main menu, select *Settings > SIM Management.* Select the "USIM1" and/or "USIM2" checkboxes to activate/deactivate the USIM cards selectively in any moment. Select *Select SIM when bootup* if you want to choose wheter to activate each SIM or not at every bootup.

Managing calls

Voice calls

- From the main screen, touch the Call Menu icon in order to open the calling screen. Use the virtual keypad to digit the desired phone number.
- Select either calling icon *1* or *2* (by color) to choose the USIM card that you want to call with.
- To end the call, press the *End* key.
- To answer a call, drag the green phone icon to the right or use the *Call key*; to reject a call drag the red phone icon to the left or use the *End key*. To silence an incoming call, briefly press the **Volume "+"** or **"–"** keys on the right side of the device.

Call a number from the call history

- From the main screen, select Call Menu and the *Call log* folder to access rapidly all last *sent, missed* and *received calls*.
- Click onto the green icon to the right of the number to call it back.

Managing contacts

Add a new contact
- From the main screen/menu, select the **Contacts** icon.
- Select the contextual menu and the **New Contact** icon.
- Insert Name, Number and eventual other details (if saving on the phone memory).
- Confirm by selecting **Done.**

Add a new contact from the call history
From the main screen, select Call Menu and the **Call log** folder.
- Keep the desired number pressed until a popup with various options appears.
- Select **Add to Contacts** and confirm if you want to add the number to an existing contact or if you want to create a new one.
- Enter the name and eventual other information and confirm by selecting **Done.**

Set ringtones

Select a ringtone

- From the main menu, select **Settings > Audio Profiles > General .**
- In **Voice call ringtone**, select the desired ringtone, separately for the two USIM cards.

If you wish to set a personalized ringtone, from **Music** you can select a song and by pressing the contextual menu, choose **Set as ringtone**. After, the song will be available in the list of selectable ringtones.

*Note: you can use *mid,*wav or *mp3 files as ringtones.*

Screen lock and shortcuts

From the main menu, select **Settings > Security > Set up screen lock**. Select the desired unlocking mode (**None, Pattern, PIN or Password**) and confirm. In order to quickly lock the screen, briefly press on the power on/off key of the phone. To unlock it, follow the instructions on the screen.

Rapid activation of vibration mode

Rapidly disable ringtones and message alerts by pressing **Volume "-"** from the main screen until it gets to minimum and then switches to **Vibration** mode.

Send and receive messages

Send SMS and MMS

- From the main screen or menu, select **Messaging > Compose new message** to access the text input screen.
- Write the first few letters of a contact name into the recipients bar and select the desired contact from the popup contact list that will appear, or directly insert the recipient's number.
- Write the text into the dedicated space.
- Open the contextual menu and **Attach** to insert multimedia files (the message will automatically be converted into MMS).
- Press either colored **Send** key, depending on the USIM that you want to use.

Connectivity

The operation system requires an active data connection. If data traffic is not included in your phone contract, it could imply extra costs. In that case it is advisable to configure the internet access through WiFi. The activation/deactivation of the data traffic on the USIM is in **Settings > SIM Management > Data Connection.**

Connect to the Internet using Wi-Fi
Connect to the wireless net using the Wi-Fi function. In order to activate it, from the main menu choose **Settings > Wireless and Networks > WLAN**. Configure Wi-Fi and manage the access points with the **WLAN Settings**. Rapid activation/deactivation is possible on the notification panel with the dedicated key. Please follow all warnings and indications concerning the use of wireless devices in areas where the use of such functions is restricted (airplanes, hospitals, etc.). Switch to **Offline mode** when you have to use only the functions that do not need Network access.

Connecting to a Bluetooth device
- Switch on the other Bluetooth™ device. Refer to the documentation of the device.
- From the main menu, select **Settings > Wireless and Networks > Bluetooth** to activate Bluetooth. For a rapid activation/deactivation use the dedicated key on the notification panel.
- Select **Bluetooth Settings > Scan for devices** to find other Bluetooth devices.

- Among the found devices, select the name of the device that you want to pair. The phone will try to pair the device, eventually asking for a pairing code.

Navigate the Web

Connect to the Internet
From the main screen or the main menu, select **Browser**. Write the URL into the address bar to start navigation. If you choose to navigate with the phone network data connection, please make sure to be informed about the costs or choose a "flat" data tariff with your operator. Alternatively, you can use the Wi-Fi connection (see paragraph "Connectivity").

Email
Configure an account in the Email application of the Main Menu, following the indications.

GPS geolocalization

The Global Positioning System (GPS) is a system based on the satellite-related position determination, with global and continuous covering. In order to access the function, select **Settings > Location > use GPS satellites**. Inside the same menu you can also activate **Use Wireless Networks**, that contributes in the position finding using the available Wireless Networks. When the GPS function is active, the phone begins to collect data from the available satellites and determines the current position. Limit the use of battery and memory by switching off this function when you don't need it. The phone integrates the **NGM NAVIGATION SYSTEM©**, that is accessible through the quick pressure of the side key. For more details please visit www.ngm.eu.

Rapid access

Notification panel

Open the notification panel by touching the upper area containing the battery and signal-intensity icons and drag it downwards. To hide the panel, push it up again starting from the bottom. From the panel you have rapid access to a list of notifications from the USIM or the System and in the upper part, to maximum 5 management widgets at once; scroll the widget-bar left and right to visualize other ones.

- Display settings: *Brightness, Timeout, Auto rotation.*
- Connectivity: *Wi-Fi, Bluetooth, GPS, Data connection, Airplane mode.*
- User profiles: *General, Silent, Meeting* and *Outdoor.*

Rapid access to recent applications

When you are inside any application, press and hold the Home key: a list of the most recent applications that have been opened will be shown and can be directly selected.

Contextual menu

Inside every application, press the menu key to visualize a contextual menu, that refers to the application with related functions.

SwiftKey text input

The default text input method is the SwiftKey keyboard. SwiftKey is an advanced predictive text input system; when writing SMS, MMS or E-mails, this mode predicts the word while you are writing it, changing it at every key pressure.

During the first use, the program will suggest with popups the innovations and peculiarities of this writing system.
SwiftKey has an "intelligent" Dictionary that retrieves words also from other applications in the phone, such as the phonebook or the social networks etc. For the correct use of this function, the micro-SD contained in the selling package has to be installed into the phone.

To change the text input parameters, select **Settings > Language and Keyboard > SwiftKey for NGM-Mobile**

Technical notes

Corning Gorilla Class
NGM EXPLORER has a touch panel with Corning Gorilla Glass™ technology, a special glass made with a construction procedure that makes it extremely resistant to shocks and scratches. No need to use protection films.

IP-68 Protection
NGM EXPLORER is a IP-68 certified mobile phone, resisting extreme conditions: complete protection to dust to shocks or falls, resistance to up to 1,5m deep water.

Warning: NGM Italia will not bear responsibility for any incompliance with the above guidelines or improper use of the mobile phone. The company reserves the right to modify any of the content in this user guide without previous public announcement. The content of this manual may vary from the actual content displayed in the mobile phone. In such case, the latter shall govern.

Certifications

Declaration of conformity (R&TTE)

We, NGM Italia

Declare under our sole responsibility that the product identified as GSM/WCDMA/Wi-Fi Mobile Phone: **NGM EXPLORER**

Conforms to the following standards and specifications:

Health	EN 50360, EN 62209-1
Safety	EN 60950-1+A11
EMC	EN 301 489-1/-7/-17
Radio	EN 301 511
	EN 300 328

We declare that all the series of fundamental radio test have been conducted and that the aforesaid product meets all the essential requirements of the Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following notified bodies:

EMCCert DR. RAŠEK GmbH
Stoernhofer Berg 15,
D-91364 Unterleinleiter,
Germany

CE0678 ①

All technical documents conserved at NGM Italia S.r.l. Available on request.
(UE Authorized Representative)

NGM Italia S.r.l.
Via L. Da Vinci, 7 – Ponticelli
56020 Santa Maria a Monte (Pi)

S.A.R. (Specific Absorption Rate)

Information on SAR certifications

Cell phones are radio transceivers. They have been projected not to exceed the radio wave exposition limits recommended by international guidelines. These guidelines have been determined by the international independent scientific organizations ICNRP and IEEE and include security limits to ensure protection to all persons, independently from their age and health conditions.

This phone meets European Union (EU) requirements concerning exposure to radio waves coming from telecommunication and radio devices. The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0 W/kg averaged over ten grams of body tissue.

The highest SAR value for this model phone when tested for use at the ear was 0,498 watt/kg [1,2]. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone. The lediglich Declaration of Conformity here above proves that the

designated product is in compliance with the essential requirements and other relevant provisions of the R&TTE - Directive (European Radio & Terminal Telecommunications Equipment)1999/5/EC

[1] These controls have been made according to international guidelines on controls.

[2] For the use next to the body, this telephone model has been controlled and is conform to the directives for the exposition to electromagnetic radiation, when used with accessories provided by or approved by NGM and not containing metallic parts and that position the mobile phone at least at 1,5 cm distance from the body.

Warnings

WHO (World Health Organization) confirms that the actual scientific information does not indicate the necessity to adapt particular precautions for the use of cell phones.
Nevertheless, for all those users not comforted by these data, NGM advises to limit their own and their children's exposure, for instance by reducing the calling time, or by using earpieces or hands-free devices to keep the mobile phone distant from the body and the head.
For more information on the argument, NGM invites to consult the WHO document (Fact sheet N°193, June 2011) entitled Electromagnetic fields and public health: mobile phones at the following web address:

http://www.who.int/mediacentre/factsheets/fs193/en/index.html

NGM advises to use mobile devices of any brand or model with moderation and to keep them at a minimum distance of 1,5cm from the body or to use earpieces or other hands-free devices.

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