

creon



INSTRUCTION MANUAL

m300

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## Inserting SIM card and battery

- Open the lid on the back.
- Slip the SIM card into the designated fixture, with the golden chip facing downwards, as shown below.
- Slip the upper end of the battery into the fixture, with the marking - - + facing downwards.
- Press the lower end of the battery into the fixture.
- Put the lid back on.

## Removing SIM card and battery

- Open the lid on the back.
- Remove the battery by pulling it on the lower edge.



fig. 1

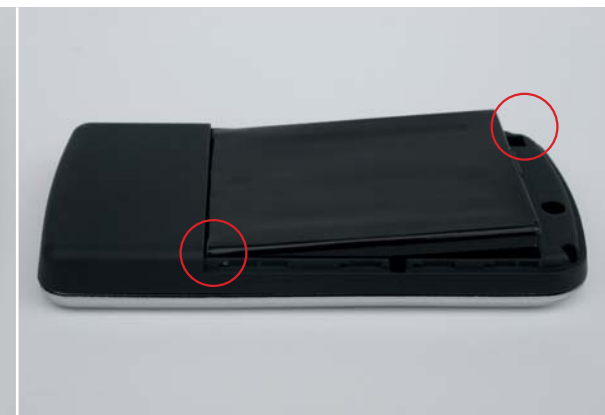


fig. 2

### On/off key / Exit (red key)

Press this key to turn your device on or off (3 sec.), to reject or end a call or to cancel an action, as well as to exit the menu you are in.

### Call/OK key (green key)

Press this key to make or answer a call, as well as to confirm settings.

### Multifunctional keys LSK/RSK

The multifunctional keys lead you to the phonebook (left) and the SMS menu (right, RSK). They also allow you to confirm or cancel various settings or functions.

### Keys 0 – 9

Keys 0 – 9 may be programmed as speed dial keys. If done so, you can dial previously saved numbers by pressing the corresponding key for about 2 seconds. You can also write text messages by repeatedly pressing the same key to cycle through the letters mapped to that key.

### Emergency call key

Pressing this key for about 3 seconds automatically triggers an emergency call.

- The emergency call goes to a previously defined number or an emergency call centre, e.g. the Red Cross.
- Simultaneously, a text message containing the coordinates of the location is sent to the second previously defined number.

### Display

The display's basic view shows you the following information and functions:

#### Upper line

- Reception quality
- GPS reception
- SMS message
- Mute
- Missed call
- Battery level

#### Middle line

- Network operator, time & date

#### Lower line

- Phonebook /Contacts
- Settings
- SMS – read and write messages

**Emergency call key**  
Pressing this key for about 3 seconds automatically triggers an emergency call.

#### GPS reception

- GPS connection activated
- ⊕ GPS connection deactivated

#### Reception quality

- High reception quality
- Medium reception quality
- Low reception quality

#### Phonebook

#### SMS menu

#### Multifunctional key LSK (left)

#### Call/OK key

#### Special characters

#### Lock keypad

Confirm with \* LSK

**up/down key**  
This key allows you to navigate through the menu and to adjust the volume during a call.



#### New text message

#### Mute

#### Missed call

#### Battery level

- Battery fully charged
- Battery level ok
- Battery low

#### Settings

Choose different settings with the up/down key as described. By pressing the "OK" key, you enter the respective submenus, which you may also enter with "OK" or exit with "Exit".

#### Multifunctional key RSK (right)

The multifunctional keys lead you to the phonebook (left, LSK) and the SMS menu (right, RSK). They also allow you to confirm or cancel various settings or functions.

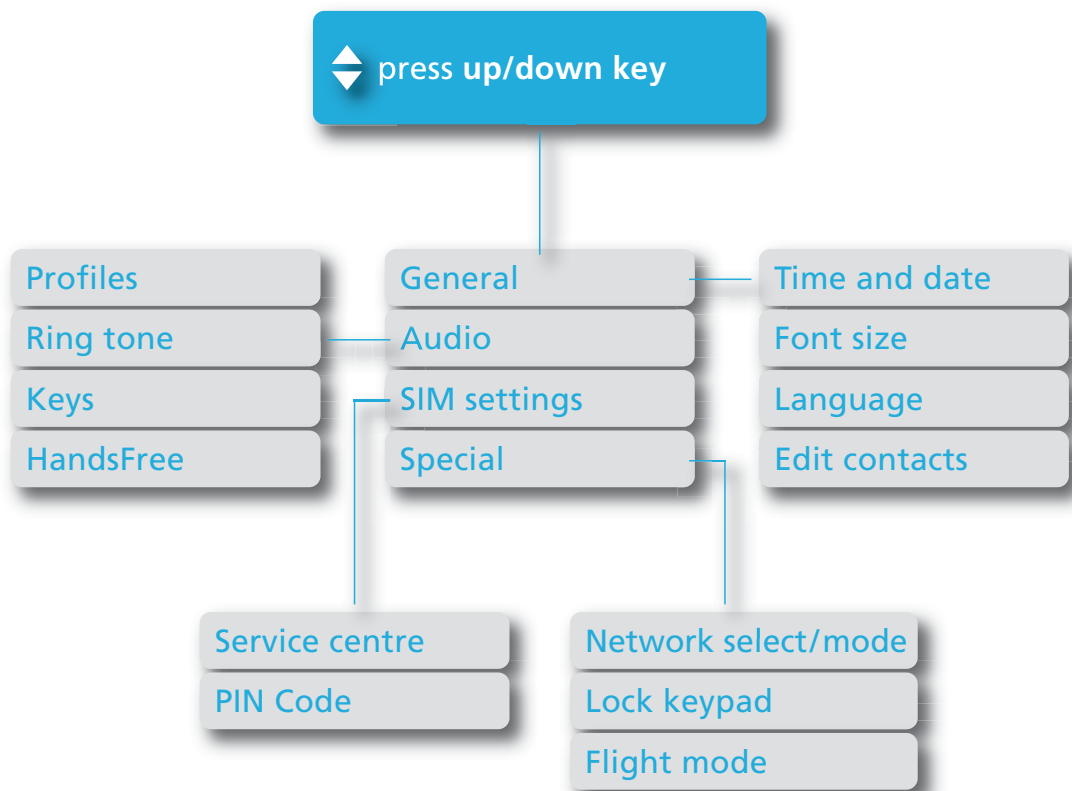
#### On/off key / exit

Press this key to switch the device on or off (3 sec), to reject or end a call or to cancel an action.

#### Mute

#### Change characters

Choose between small and capital letters and numbers (Abc, ABC, abc, 123).



## General

- **Time and date:** Setting time, setting date, automatic setting
- **Font size:** Small 14 dpi, medium 16 dpi, large 20 dpi, extra large 24 dpi
- **Language:** Automatic, English, German, Spanish, French, Italian, Portuguese
- **Edit contacts:** activate/deactivate

## Audio

There is a different audio signal for every event (SMS, low battery, no network).

- **Profiles:** normal (vibration + ring tone + keypad tone), mute (vibration only, shown by "Mute" symbol on display)
- **Ring tone:** type (ring tones 1 – 4), volume (level 1 – 8)
- **Keypad tone:** volume (level 1 – 8)
- **HandsFree:** on/off

## SIM settings

- **Service Centre:** number
- **PIN Code:** activate/deactivate PIN code entry

## Special

- **Choose network:** choose automatically/manually
- **Lock keypad:** on/off
- **Flight mode:** on/off (status is shown on display)

## Calls

### Making calls:

Make sure the SIM card and the battery (fully charged) are inserted.

There are 4 different ways to make a call:

- Dial the number directly (always with the area code) and press the green key ("OK").
- Press the red key shortly to end your call.

Or:

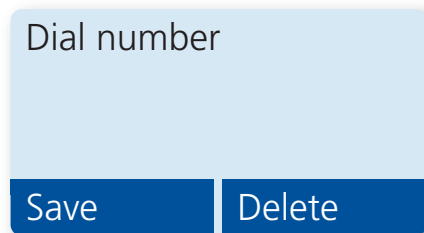
- Use the up/down key to browse through your phonebook, choose a number by pressing "OK", and dial it by pressing "OK" again.

Or:

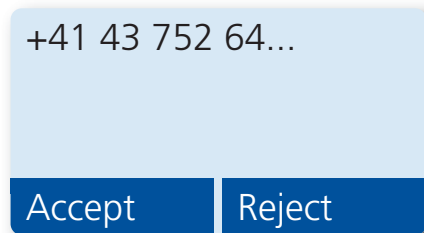
- Press one of your programmed speed dial keys (0 – 9) for about 2 seconds.

Or:

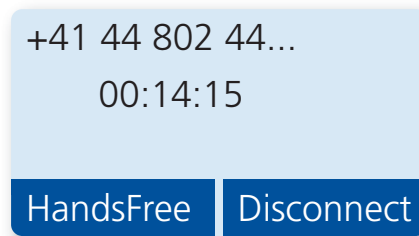
- Redialling:  
Redial the number you last dialled by pressing "OK" twice.



<b>key:</b>	<b>Action:</b>
keys 0 – 9.	Enter number
Green key	Dial
Red key	End call

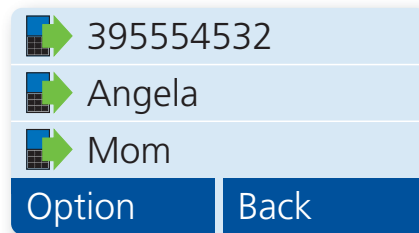


Incoming call	
<b>key:</b>	<b>Action:</b>
Green key	Accept
LSK	Accept
RSK	Reject
Red key	Reject
# key	Mute



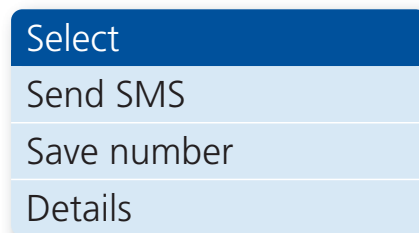
### During a call

<b>key:</b>	<b>Action:</b>
Green key	HandsFree
Up/down key	Setting volume
LSK	HandsFree
RSK	Disconnect call
Red key	Disconnect call
# key	Microphone off



### Call records

<b>key:</b>	<b>Action:</b>
Green key	Make call
Up/down key	Select call
LSK	Option
RSK	Back
Red key	Back



### Further options: Option submenu

<b>key:</b>	<b>Action:</b>
Green key	Execute action
Up/down key	Select action
LSK	Execute action
RSK	Back to call records
Red key	Back to call records



## Phonebook:

### Adding a new contact:

- Press the multifunctional key LSK on the left to enter the menu „Add contact“.
- Press the LSK key again to go to “Option” → “Create”.
- Go to “Name” or “Number” with the up/down key and press “OK”, then add the contact by using the keypad. Dial phone numbers with their area codes.
- Save with LSK key.

Create

Angela

Mom

Option

Back

Dial

Send text message

Detail/Edit

Delete

### Calling numbers from the phonebook

key:	Action:
Green key	Make call/new contact
Up/down key	Select contacts
LSK	Open submenu
RSK	Back
Red key	Back
Keys 0 – 9	Browse

### Option submenu

key:	Action:
Green key	Execute action
Up/down key	Select action
LSK	Execute action
RSK	Back to phonebook
Red key	Back to phonebook



## SMS

### Writing text messages:

- Press the right multifunctional key RSK to enter the SMS menu.
- Go to “Write SMS” with the up/down key and confirm by “OK”.
- Write your message with the keypad.
- Correct wrong entries by using the RSK key.
- Enter common special characters like full stop and comma by using key 1 (see page 12)
- For more special characters like question or exclamation mark, use the ✱ key (see page 12)
- Confirm your message with LSK key.
- Confirm the entry of the number with “OK”.
- Dial the receiver’s number and send with the LSK key

Write SMS

Angela

Rudi

Option

Back

### Sending text messages to a number from the phonebook

key:	Action:
Green key	Read/write a new message
Up/down key	Browse through messages
LSK	Read/write a new message
RSK	Back
Red key	Back

### Option submenu

key:	Action:
Green key	Execute action
Up/down key	Select action
LSK	Execute action
RSK	Back to text message
Red key	Back to text message

Dial back

Extract number

Text reply

Forward

## SMS key mapping

- 1 , . ? ! 1
- 2 a b c 2 å æ ä à ç
- 3 d e f 3 è é
- 4 g h i 4 ì
- 5 j k l 5 ð
- 6 m n o 6 ö ø ò ñ
- 7 p q r s 7 ß \$
- 8 t u v 8 ù ü
- 9 w x y z 9
- 0 space, 0
- \* , . ' ? ! " @ ¥ Δ \_ φ Γ Λ Ω Π Ψ Σ Θ Ξ ^ { } \ | ~ ] | € # ¨ % & ( ) \* + - / : ; < = > i § ¿ ¨
- # Choose between small and capital letters and numbers (abc, Abc, ABC, 123) and T9 (predictive text)

## Charging station/Status

Not in charging station:    In charging station:

SMS, last call, low battery, no reception Functioning normally/standby GPS FIX	Periodic audio signal	Periodic audio signal + red LED flashing
Functioning normally/standby GPS FIX	No signal Green LED flashing	Green LED illuminated Green LED illuminated + GPS

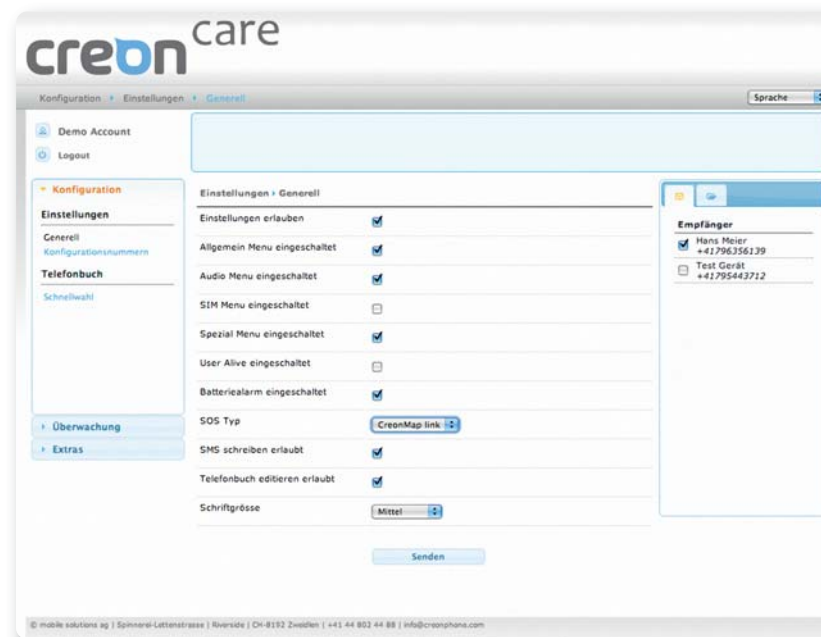
## creon care

Access upon registration at:  
<http://care.creonphone.com>

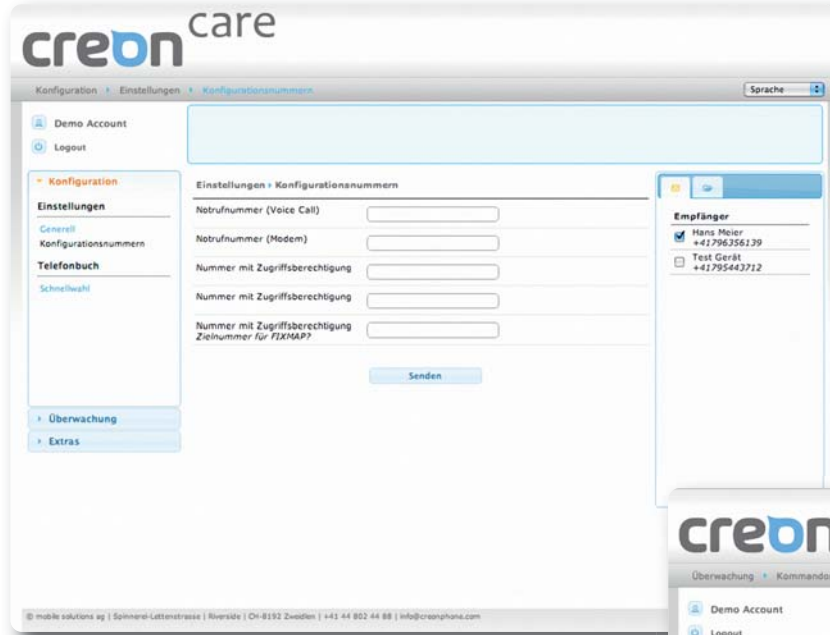
Applications and functions of creon care are listed in the creon care manual. The following provides some insight:

### Configuration menu

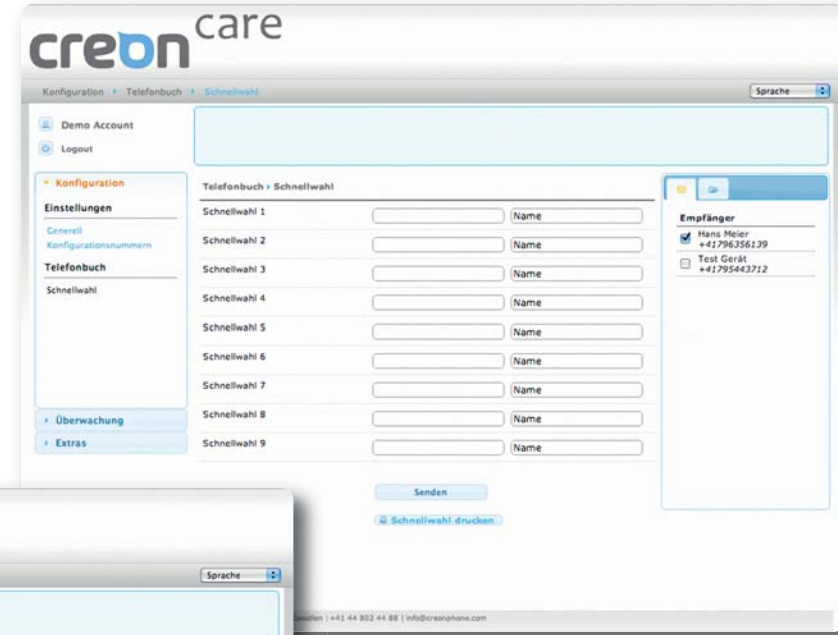
- Go to "settings" → "general" to activate or deactivate various functions:



- Enter the numbers for emergency calls and locating here:



- This is where you can map numbers to keys for speed dial:



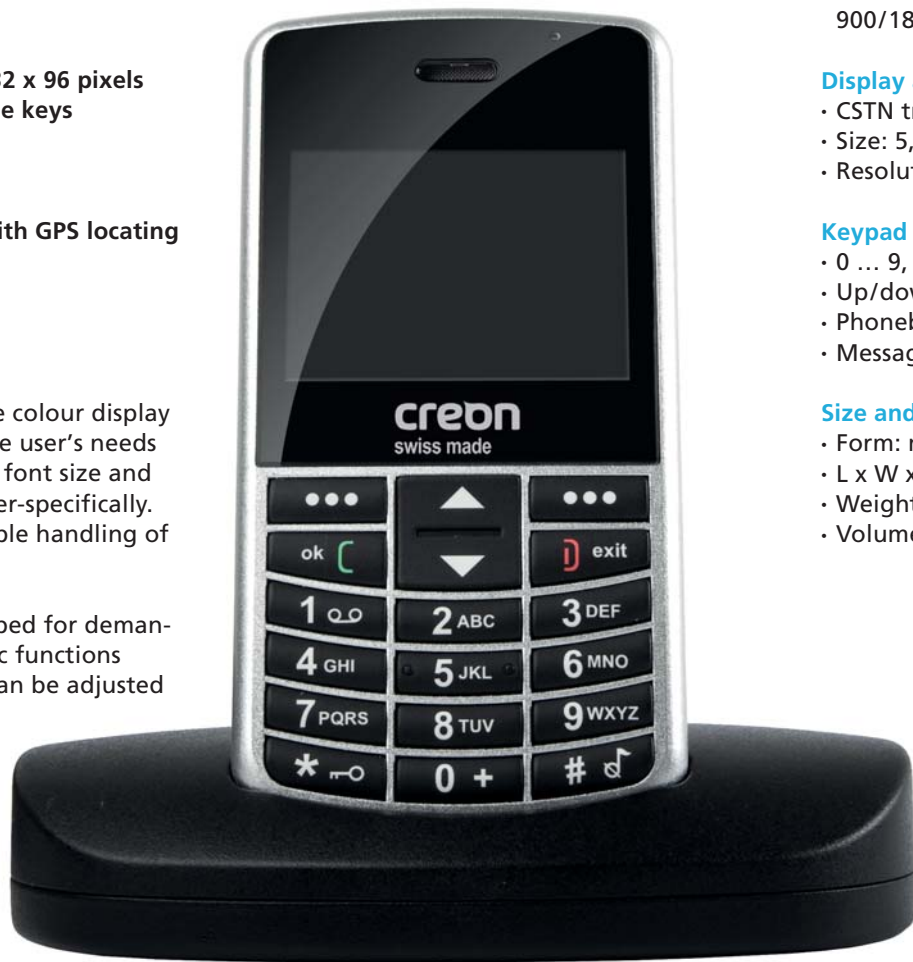
- Under “surveillance”, you may send different commands to receive various information.

## Technical data

- Tri-Band (900/1800/1900)
- GSM/GPRS
- Large colour display, 2.2 inch, 132 x 96 pixels
- Simple handling, well perceptible keys
- Well audible ringtones
- Various font sizes
- Integrated GPS receptor
- Emergency call key combined with GPS locating
- Phonebook
- SMS function
- Status LED
- Vibration alarm

The new creon m300 with its large colour display can be configured according to the user's needs and desires. Its functions, volume, font size and phone book can be configured user-specifically. The large keypad allows for a simple handling of the handset.

creon m300 was especially developed for demanding clients. In addition to its basic functions Language and SMS, the handset can be adjusted to the user's individual needs. And last but not least, creon m300 is equipped with an emergency call function with GPS location.



### Supported networks

- Tri-band mobile phone for GSM 900/1800/1900 networks

### Display and user interface

- CSTN transmissive colour display
- Size: 5,6 cm display diagonal (2,2 inch)
- Resolution: 132 x 96 pixels

### Keypad

- 0 ... 9, \*, #
- Up/down
- Phonebook
- Message box

### Size and weight

- Form: mono block with keypad
- L x W x H: 114 x 59 x 15 mm
- Weight: 127 g
- Volume: 101cm<sup>3</sup>

### Operating times

- 1'300 mAh, li-poly battery
- Speak time: GSM, up to 10 h
- Standby time: GSM, up to 17 days
- GPS function: up to 3 days

### Memory

- 250 phonebook entries
- 1 week GPS data

### GPS

- Integrated GPS receptor

### Handset functions

- sending/receiving SMS
- phonebook
- HandsFree function
- Configurable font size
- Loud/various ringtones

### Synchronisation

- Configuration data
- Phonebook

### Accessories

- Li-poly battery
- Base unit
- Leather case
- User manuals

## Safety instructions

### ▪ Small children

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

### ▪ Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 2.2 centimetres (7/8 inch) away from the body. Any carry case, belt clip, or holder for bodyworn 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. Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

### ▪ 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 RF energy. Switch off your device when regulations posted instruct you to do so. Hospitals or health care facilities may use equipment sensitive to external RF 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.
- Turn 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 aids

Some digital wireless devices may interfere with some hearing aids.

### ▪ Vehicles

RF 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 information, check with the manufacturer of your vehicle or its equipment. Only qualified personnel should service the device or 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. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft and may be illegal.

### ▪ Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to turn off your vehicle engine, 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.

### ▪ Emergency calls

Note: Mobile phones, including your device, work with radio signals, mobile networks and conventional telephone networks, as well as with functions programmed by the user. Therefore, network reception is not always guaranteed. Do not rely solely on a mobile phone when communication is vital (e.g. in case of a medical emergency).

How to make an emergency call:

1. Avoid switching off your device if possible and leave it in the charging station when you are at home, to make sure the battery is always fully charged. Check the reception quality and make sure a valid SIM card is properly inserted.
2. Make sure the necessary emergency call numbers have been programmed.
3. In case of an emergency, press the emergency call key until you hear an acoustic signal. If the device is on "mute", it will vibrate to signal the emergency call has been made correctly. As soon as the call is answered by an emergency call centre or another programmed number, the device will automatically switch to HandsFree. If you make an emergency call, please provide all necessary information as detailed as possible. Your mobile phone may be the only means of communication on site.

For more information, please read these safety instructions or contact your service provider.

### ▪ 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 1.07 W/kg (RH-99) or 1.01 W/kg (RH-105). 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.

#### ▪ 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.

#### ▪ Accessories/Charging station

Please keep all accessories out of the reach of small children. Make sure the charging station is in a safe place. To separate the cable from the charging station, pull the plug, not the cable.

Do not use any other charging station than the one that came with your mobile device. Using a different charging station may be dangerous and makes you lose your warranty. Your mobile device and your charging station must be repaired only by professionals. Do not take your devices apart. If necessary, contact the Service Centre or your service provider.

#### ▪ Battery information

##### ▪ Charging and discharging

Your device is powered by a rechargeable battery. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only creon approved batteries, and recharge your battery only with creon approved chargers designated for this device.

If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

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

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object. Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

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

Do not dismantle or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of such a leak, flush your skin or eyes immediately with water, or seek medical help.

#### ▪ Disposal



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste. Return the products to collection to prevent possible harm to the environment or human health from uncontrolled waste disposal and to promote the sustainable reuse of material resources. Collection information is available from the local

## Care and maintenance

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Your device is a product of superior design and craftsmanship and should be treated with care. The following suggestions will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery, and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use chargers indoors.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

## Declaration of Conformity DOC No: m300/20091009

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We, **mobile solutions ag**  
spinnerei-lettenstrasse  
riverside  
8192 zweidlen  
switzerland

declare under our sole responsibility that the product

**creon m300**  
mobilephone GSM/GPRS 900/1800/1900

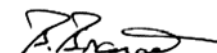
is manufactured in accordance with the requirements of the Full Quality Assurance System (1999/5/EC, Annex V). The product is in conformity with the following essential requirements of the Directive 1999/5/EC Article 3.1 a, 3.1 b and 3.2. The product conforms to the following standards and specifications, applying versions valid on the date this DOC is issued:

Safety:	EN 60950-1:2006
EMC:	EN 301 489-01 v1.8.1 EN 301 489-07 v1.3.1
SAR:	EN 50360 07-01 EN 50385 07-02
Radio:	3GPP TS 51.101-1 Ref. 4

The product is marked with the CE mark and Notified Body number to the Directive 1999/5/EC:

**CE 1304**

Date of Issue: Oct 09, 2009  
Place of Issue: Zweidlen



Signed:  
Beat Brändle, CEO



mobile solutions ag  
spinnerei-lettenstrasse  
riverside  
8192 zweidlen  
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[www.creonphone.com](http://www.creonphone.com)

