

# LIBIFY® GC5

## Instruction manual



Enterprise



## Congratulations on your purchase of the GEOCARE® GC5

GEOCARE® is a mobile emergency call system that can trigger an emergency call virtually anywhere and at any time.

Pressing the SOS key for three seconds establishes a telephone connection to an emergency contact<sup>(1)</sup>. The emergency contact can be an emergency call center or a contact person (e.g. a care giver). In parallel with the telephone call, the emergency contact will be informed of your whereabouts via SMS<sup>(2)</sup>.

The product package GEOCARE® with wireless transmitter and active charging cradle can be used both as stationary and mobile emergency call system. It makes it possible for the user to have a more autonomous lifestyle. The user has more autonomy and mobility as he/she knows that, in the event of an emergency, quick and professional help is just a button press away.

GEOCARE® is compatible with all common emergency call monitoring centers and can therefore be connected to most operators.

<sup>1)</sup> A GSM wireless network must be available.

<sup>2)</sup> GPS reception must be available. If no GPS reception is available, the most recent location with GPS reception is registered.

## Device description GEOCARE®

- 1 On/off key
- 2 SOS key
- 3 Microphone
- 4 Speaker
- 5 Network status
- 6 Service
- 7 Battery status



## Device description Active charging cradle

- 1 SOS key
- 2 Day-care-key
- 3 Search-for-GEOCARE-key
- 4 Speaker
- 5 Microphone



## Device description Wireless transmitter

- 1 SOS key
- 2 Strap closure
- 3 Wristband
- 4 Status indicator LED



## Brief description GEOCARE®

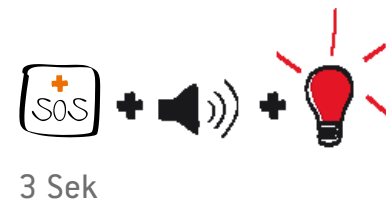
### 1. Switch device on and off:

Keep the on/off key 1 pressed for at least 3 seconds until the on/off key slowly flashes a white light. The device is ready for operation when network status indicator shines in green



### 2. Trigger emergency call:

Keep the SOS key 2 pressed for approx. 3 seconds until an audible signal is emitted and the SOS key flashes red light.



### 3. Cancel emergency call:

Press the SOS key 2 for approx. 10 seconds until an audible signal is emitted and the SOS key no longer flashes red light.



## Scope of delivery

The delivered GEOCARE® package contains the following components:

- GEOCARE®
- Active charging cradle
- Wireless transmitter with wristband and necklace
- AC adapter with USB-Cable



## Software and manual

The Software for the configuration of GEOCARE® and the appropriate manual are available online at following internet address:

[www.libify.com/GEOCARE-GC5](http://www.libify.com/GEOCARE-GC5)

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## Charging the battery/battery life

Connect the USB connector of the charging cradle to the supplied charger adapter. Fit the required AC plug (EU or UK)\* and connect it to the power supply.



Place the GEOCARE® in the charging cradle. The GEOCARE® must be charged before it is used for the first time. The duration for a complete charge is approx. 3 hours.

The typical battery lifetime is 30 hours. When only 20% of this lifetime is remaining, GEOCARE® emits an audible sound. From the moment when only 10% of the battery lifetime is remaining, an audible sound is emitted periodically every 15 minutes. Beside the audible sounds signaling low battery when its remaining lifetime is 20%, 10% and 0%, a notification is sent to the configured emergency contact by SMS. After the first notification, the GEOCARE® is still operational for 3 hours, depending on the configuration.

\* The AC plug is attached to the bottom of the charging adapter [it is attached and then snapped upwards and into place]. To remove the AC plug, release the catch on the bottom of the charging adapter [OPEN].

**Caution:** To save energy, the illumination for all keys is switched off one minute after the device is last used. The illumination can be reactivated by briefly pressing the SOS key.

## Switching on and off

### Switching on

To switch on GEOCARE®, hold the on/off key pressed for at least 3 seconds until the on/off key slowly flashes. Then release the on/off key. At the end of this starting process a sound is emitted and status lights show the operational readiness.



Alternatively, GEOCARE® will be switched on automatically when the device is placed in the charging cradle. It then remains ready for use until it is switched off. When GEOCARE® is in the charging cradle, the on/off key lights up white.

### Switching off

Preferably, you should always keep GEOCARE® switched on, so that you can always trigger an emergency call and receive incoming calls. The only time you have to switch off GEOCARE® is when you have to enter an area where the usage of mobile phones is dangerous or prohibited (e.g. on an aircraft). To do this, keep the on/off key pressed for at least 3 seconds until it flashes a white light. After a brief moment an audible sound is emitted. Then both keys no longer light. GEOCARE® is switched off.

## Installing the software

Your computer must have a USB port and be connected to Internet. It should also have the operating system windows 7 or windows 10 installed on it.

Open your browser and enter the following address in the address bar:

[www.libify.com/GEOCARE-GC5](http://www.libify.com/GEOCARE-GC5)



Download the installation file for GC5. Start the installation with a double click on the file. After the installation, you will find the GEOCARE® Software in the installation directory you selected. You also find a shortcut to this software on your desktop.

## Connecting GEOCARE® to your computer

Switch on GEOCARE®. Connect the charging cradle to your PC using the USB cable and place GEOCARE® in the charging cradle.



## Starting the program

Start the software by double-clicking the program icon on your computer.

## Configuring GEOCARE®

Plug GEOCARE® in the charging cradle and connect the cradle to your computer via its USB cable. Wait until the On/Off key lights up white.

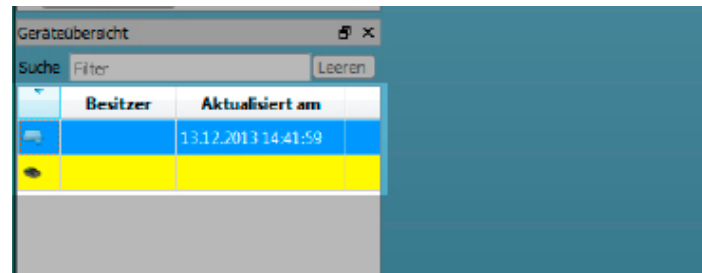


Start the software by double-clicking on the program symbol on the desktop of your computer.



As soon as the program detects the plugged in GEOCARE®, the corresponding field is highlighted in yellow in the device overview (Device Explorer). Select this field by double-clicking on it – it will then be highlighted in blue. By this doubleclick, the Configuration-/Statuswindow is opened. Alternatively it can be opened from the menu „Edit Device“ in the upper menu bar.

## General settings





In the field „Owner“ of the configuration menu, you can edit individual data of the GEOCARE®'s user – e.g. Name, phone number as well as relevant informations about the person.

In the menu „General Settings“, you can edit amongst others de-

vice language, time zone, map references, as well as distance formats.

## Settings for emergency calls

First of all, define the first emergency alarm receiver – It is only after doing this that you can use GEOCARE® as a mobile tracking- and emergency call system.

## Emergency contacts/notification points

It is imperative to set an emergency alarm receiver (Notification point). Move the cursor to the first entry „not configured“ in the menu „Alarm Receivers/Peer Notifications“. Select the type of phone connection from the drop down list in the middle. In the field on

the right next to the selection box, type the phone number using the following format: Country code + phone number without leading zero e.g. +49151234567 („+49“ = country code for Germany). Subsequently select a notification profile from the next selection box. Notification profiles are explained in the following part.

## Trusted monitor:

This is the highest privacy level („Trusted monitor“) – In the event of an emergency, the set emergency alarm receiver is contacted by a phone call as well as an SMS. This set alarm receiver also receives all messages from GEOCARE® (including battery warning messages, status messages and location data) and can actively locate GEOCARE®.

**Caution:** You should only register highly trustworthy people as „trusted monitors“!



## Only receive emergency calls (SMS and calls):

This emergency alarm receiver is informed with a phone call and a notification by SMS. He/she does not receive any further notifications or permissions.

## Only receive emergency calls (voice connection only):

This emergency alarm receiver is informed with a phone call. He/She receives no further permissions or notifications.

## Gateway forwarding:

The messages from GEOCARE® are sent to an external gateway (such as a rescue coordination center).

Follow the same procedure for each phone number that you wish to assign. In the field „Info“, you can add a name or other information for each phone number.

The priorities for the first four phone numbers are set in advance, according to the order in which they were listed. The priority determines the order in which the set phone numbers are informed about an emergency situation.

The fields 5 and 6 for phone numbers are reserved for emergency service operators. When needed, you can configure all settings individually instead of using a predefined profile. You do this by clicking on „More“.

Preferably you should save your changes as soon as you make them. You save them by pressing the button „Save“ in top menu bar.

Click with the cursor outside a field once before saving your settings. This is imperative for the data you edited to be saved correctly.

## GEOCARE®-Gateway

In the last assignable phone number position, you have the possibility to select the GEOCARE® gateway. Emergency call messages from GEOCARE® are then also sent to the server. The emergency messages can thereby be seen by the emergency alarm receiver on our online portal (<https://portal.geocare.de>).

For more information, please refer to page 53.

## Permissions for notification profiles

### Type of the SOS notification

**SMS notification**      The emergency alarm receiver (notification point) is informed by text message (SMS).

**Call notification**      The emergency alarm receiver (notification point) is informed by a phone call.

### Permissions

**Allow status messages**      The emergency alarm receiver (notification point) is authorised to query the device status (e.g. battery level) and to receive other status messages.

Receive undefined messages

The emergency alarm receiver (notification point) is allowed to receive messages that are forwarded by GEOCARE® as undefined messages. These may include incoming SMS from unauthorised third parties.  
(e.g. information from the mobile phone network etc.)

Allow system configuration

The emergency alarm receiver (notification point) is allowed to change GEOCARE® configuration settings via SMS — for example, the time zone.

SMS-information messages

The emergency alarm receiver (notification point) is allowed to receive information messages from GEOCARE®. These may include messages when GEOCARE® is leaving or returning to a particular defined zone (e.g. HOME zone).

Allow SOS confirmation

When this setting is active, the SOS is confirmed in the event of an emergency call when the phone call is received.

If this setting is not selected, it is imperative in the event of an emergency call, to call back the GEOCARE® or to confirm the SOS with an SMS.

Gateway mode active

Messages from GEOCARE® are simultaneously sent to another phone number.

Hereby, you have more service options. However, depending on the type of your contract, it could cause additional costs.

## Notes on „general settings“

### SMS map style

Defines how the position of the emergency caller is displayed in the SMS to the emergency alarm receiver

Text	Plain text message with details of coordinates.
------	---

All telephones (manual map selection)	Working map link for all internet-able phones. In an intermediate step, the appropriate map must be selected manually on the smart-phone.
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KML (Google Maps für Nokia s60, Windows Mobile)	Map link is already optimised for Google Maps on Nokia phones (Symbian 60) as well as on phones with Windows Mobile.
--	--

LMX (Nokia Navigator)	Map link is already optimised for Nokia Navigator.
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Blackberry (Blackberry Maps)	Map link is already optimised for Blackberry Maps.
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Google Maps  
(Android, Blackberry,  
iPhone, Windows Phone 7)

Map link is optimised for display in Google Maps.

This is a standard setting and true in most application scenarios.

### Deviation from UTC standard

Sets the current time zone

UTC  
is the coordinated universal time at the prime meridian in Greenwich. By entering the relevant deviation, GEOCARE® is set to the correct local time.

+1 = Central European Time

+2 = Central European Summer Time

**Important:** It is essential to change the settings when changing from winter to summer time and vice versa to ensure that an incoming emergency call is marked with the correct time

Disable on/off key

Check the box if you wish to prevent the user of the GEOCARE® device from switching off the device.

## Usage Profile

Highest accuracy (40)      GEOCARE® stores location data every 40 seconds. This storage interval provides the highest accuracy and lowest battery lifetime.

Precise (90)      Location data are stored every 90 seconds.  
This is the recommended setting.

Standard (120)      Location data are stored every 120 seconds. This storage interval provides an optimised setting in terms of accuracy and battery lifetime.

Extended standard (180)      Location data are stored every 180 seconds.

Long runtime (600)

Location data are stored every 600 seconds.

Long runtime (1200)

Attention! with „Long runtime“ profile enabled, the departure of the wearer from a specific zone remains undetected for a longer period of time.

Location data are stored every 1200 seconds.

Status message interval

A status message is sent to the emergency alarm receiver within a defined interval of minutes. A such interval is at least 240 minutes long.

## Ring tone

Sound 1 to 3

There are three different ring tones to choose from.

Handset volume

Volume of the GEOCARE®

Charging cradle volume

Volume setting for the external charging cradle.

## Alarm settings

Maximum emergency call ringing duration

How long should the emergency call ring at the emergency alarm receiver's end?

Maximum wait time for emergency call confirmation with key „5“

[ Tone dialling ]

Within the defined time, the emergency call receiver must press key „5“ on his/her telephone. If this is not done within the set time, the connection is terminated and a new call is made to the emergency call receiver.

Do not select a too long time interval. If an emergency call from GEOCARE® is answered by voicemail, GEOCARE® is blocked by voicemail for the complete duration of the selected time interval before it can continue to work through its emergency call priorities

Call acceptance for non-emergency calls activated

The GEOCARE® user can be called from the telephone numbers configured as emergency alarm receivers without having triggered an SOS alarm.

SOS alarm transmission delay in seconds

Duration of SOS alarm's delay in seconds. Enables cancellation of false alarms before notification of contact.

Wait time in seconds before redial

[ This value must be set for each priority level ]

Duration for GEOCARE® to wait for a return call before redialling . This has to be done after GEOCARE® has established and ended a connection to the emergency alarm receiver without speaking to him/her . The wait time is given in seconds.

Number of emergency call recurrences

How often should the emergency call to an emergency alarm receiver be repeated before the next recipient is called?

## Zone Configuration

Zones, home zones or hazard zones (NoGo-Zone) can be set by a free selectable circular radius around a free selectable position.

In these fields, you can define zones and reference points for GEOCARE® to use in its position reports.

When the fence is activated („fence active“), all authorised emergency alarm receivers receive an SMS as soon as the wearer leaves or enters the zone.

We recommend that you basically do not select a too small radius, because if you do, even small fluctuations in GPS signal quality can trigger SMS notifications.

Using the cursor, select the location you want to edit from the locations list (left).

Enter a concise description in the field „Name“. If you are setting a „zone“, you can now also adjust the radius as well as enable or disable the fence.

Enter the address information and click on the button „Determine coordinates from address“. A green pin is placed on the adjacent map (requires an Internet connection).

For checking purposes and if necessary fine corrections, you can zoom in to this map. If the green pin is not exactly in the required position, move the cursor to the required position and double click — the green pin then jumps to this position.



## SIM card settings: PIN, APN and AGPS

SIM card

Internet access settings are automatically adopted based on the SIM card that is inserted. If necessary, you can change them manually.

☒ **SIM-Karte**

PIN    ☐ Aktiviert

Internet APN

Login

Passwort

Make sure the APN Data are entered correctly. If these Data are not correct, there is a possibility that the GEOCARE® restricted in its functionality.

## GPS

In order to accelerate the location detection, you can enable AGPS (Assisted Global Positioning System). If GEOCARE® has not been in use for a long period of time or has been in areas without any GPS reception, the first location detection process usually takes a little longer as some basic data must first be transmitted from the satellites. When using AGPS, these data are transmitted separately via the mobile phone network. They then enable a quick position detection. This function imperatively requires the correct Internet settings for the SIM card (see above).

## GEOCARE® Hardware/status

In this tab, informations about the GEOCARE® are being displayed, for example, the serial number, IMEI number and the telephone number of the GEOCARE® device.

These details are automatically shown as soon as GEOCARE® is connected to the PC.

Konfiguration

Hardware / Status

### Gerät

Typ:

modelName: (UCC)MS

Firmware Version: 0202-4WE001L\_2100

Hardwarebezeichnung: 35437404322360-200-5

IMEI Nummer: 354374191022560

### Gerätestatus

Batterie

Gerätetemp

Speicher

CDN signal

Spez-Zähler: 134

Modemlaufzähler: 88

### SIM-Karte

Telefonnummer: +4915114616068

Netzanbieter: T-Mobile

Länderscode (MCC/MNC): 262

Netzwerkcode (MNC/MNC): 1

Telefonnummer (IMSI): 6441021505

### SIM-Kartenstatus

☒ Simgelogt

☐ SIM Karte empfangen: 0

☐ GPS Fehler gemeldet: 0

### GPS

☐ AGPS wird unterstützt

### GPS Status

Altitude / Letzte bekannte Position: 0,000000 / 0,000000 (lat. / long.)

### Zyklus Funktionstest

IEEE Address: 0010C50780001017

☒ eingeschaltet

If all details have been given in automatically, no more entries are required from you. If this is not the case [if necessary e.g. phone number], type in the missing informations and save them with the button “Save” in the the top menu bar.

## Top menu bar



### Save

Saves the configuration settings simultaneously to the GEOCARE® device and a database that is managed by the software. Prior to clicking on the button „Save“ you must click once outside the edited field.

---



### Load from DB

Loads the last settings that were saved to the database into the PC software, even if configuration settings on the device have since been changed via SMS commands.

---



### Load from device

Loads the last settings that were saved on the device into the PC software.



### Edit device

Opens the configuration window.

---



### Delete device

Removes the device from the device overview.

---



### Update firmware

Installs the most current firmware version on the device, when there is a new version.

## Wireless transmitter



You do not have to renounce to safety while the GEOCARE® device is being charged in the charging cradle. The comfortable and stylish wireless transmitter can be worn like a wristwatch on the wrist.

What looks like a watch dial at first glance is actually the

easy-to-use SOS button. The emergency call is securely transmitted via radio.

Special technology prevents call failures and accidental triggering of an alarm. Of course the GEOCARE® wireless transmitter is waterproof, and therefore ideal to wear when bathing or showering.

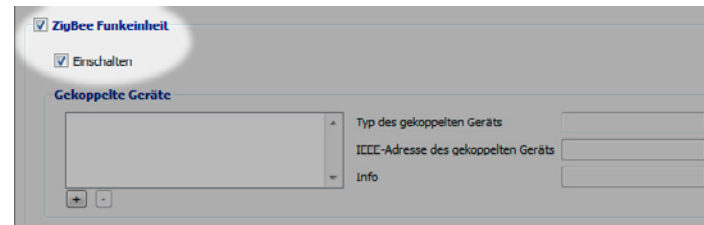
Details on the GEOCARE® wireless transmitter:

- Complies with the DIN standard for personal alarm systems / triggering devices
- Range: 250 metres outdoors, 30 metres indoors
- Simple to trigger alarm — directly from the wrist
- Radiobutton is the product name of GEOCARE®'s wireless transmitter

## First use of the wireless transmitter

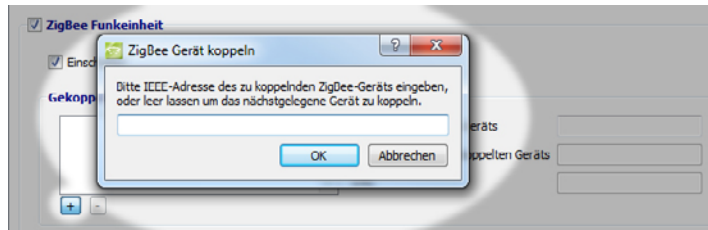
Connect your GEOCARE® to your PC and start the GEOCARE® software.

As soon as the GEOCARE® software has detected the GEOCARE® (highlighted in yellow in the overview on the left of the display), activate the GEOCARE® by double-clicking on the device in the display. Afterward, go to the main panel on the right, and move down to the „ZigBee radio unit“ section.



It may take a few seconds until the device has been read out and you can click the „ZigBee radio unit“ section.

Now click on the checkbox „Switch on“ in case it has not yet been checked to activate the ZigBee module in the GEOCARE®. Next, click on the „+“ icon.



A dialogue box then opens (see above) and you have two possibilities to connect the wireless transmitter to the GEOCARE®:

### Connect by entering the IEEE address

Enter the IEEE number without hyphens in the previously opened dialogue box and confirm with „OK“. The sixteen-digits IEEE number can be found on the packaging for the wireless transmitter (e.g. 00-1B-C5-07-80-00-00-55).

### Connect through automatic detection

Press the button on the wireless transmitter shortly until it shines red. The wireless transmitter now tries to connect to the GEOCARE®. This process can last up to 30 seconds. If during this time the wireless transmitter flashes a green light, then the connection was completed successfully. If the the wireless transmitter flashes a red light once again after 30 seconds, then the connection could not be completed. In this case, please repeat the connecting pro-

cess once again until it shines green.

If you do not enter any IEEE address in the dialogue box, the GEOCARE® automatically connects to the wireless transmitter whose signal is the strongest.

**Caution: After the connection, it is imperative to run a test to ensure that the GEOCARE® is connected to the appropriate wireless transmitter. When the the wireless transmitter is successfully connected , it is indicated by an entry in the GEOCARE® Enterprise Software.**

## Remodelling instructions for the wireless transmitter / radiobutton

To wear the radiobutton, you have two alternatives:

- Wear it as a wristwatch
- Wear it as a necklace

In the following you find – depending on the way you want to wear your wireless transmitter– two illustrated guides to assist you in remodelling it for each of the two alternatives:

### Wearing the radiobutton as a wristwatch

1. Take out the radiobutton's package from GEOCARE®'s package, open it and place the individual parts on an empty and plane surface in front of you. The radiobutton consists of five individual parts[Fig. 1].

2. Introduce the metall pin of the wristband [Fig. 2] in the lower hole of the radiobutton's housing. The pin is retractable at both ends, so the wristband can easily and quickly be mounted.



Fig. 1: All individual parts of the radiobutton.



Fig. 2: Plugging in the wristband's pin on the lower side.

3. Now plug in the upper end of the pin (Fig. 3) in upper hole in the radiobutton's housing. Should it be difficult to plug in the pin in the lower side of the housing, then you must also press down the upper side of the pin a little bit.

Subsequently, take the second half of the wristband and proceed the same way you did for the first half, following the steps 2. and 3.

4. Once you have successfully performed the steps one to three, you can easily and comfortably put on the radiobutton on your arm (Fig. 4).



Fig. 3: Plugging in the wristband's pin on the upper side.



Fig. 4: Radiobutton assembled as a wristband.

## Wearing the radiobutton as a necklace

1. Take out the radiobutton package from the GEOCARE®'s package, open it and place the individual parts on an empty and plane surface in front of you. The radiobutton consists of five individual parts (Fig. 1).

2. Introduce the metall pin of the fixing ring (Fig. 5) in the lower hole of the radiobutton's housing. The pin is retractable at both ends, so the fixing ring can easily and quickly be mounted.

3. Now plug in the upper end of the pin (Fig. 6) in upper hole in the radiobutton's housing. Should it be difficult to plug in the pin in the lower side of the housing, then you must also press down the upper side of the pin a little bit.

4. Introduce one side of the wearing strap through the fixing ring (Fig. 7).

5. Plug the two ends of the wearing strap together (Fig. 8).

6. Once you have successfully performed the steps one to four, you can easily and comfortably put on the radiobutton as a necklace (Fig. 9).

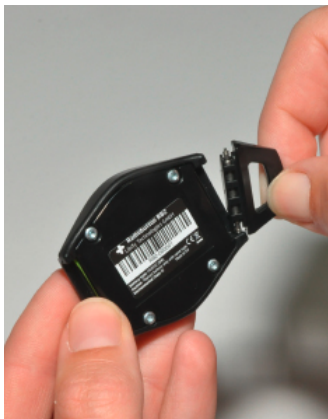


Fig. 5: Plugging the pin of the wearing ring on the lower side.



Fig. 6: Plugging the pin of the wearing ring on the upper side.



Fig. 7: Radiobutton with mounted wearing strap.

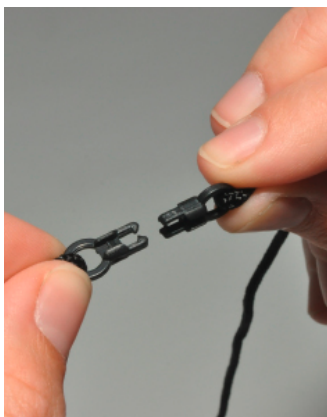


Fig. 8: Plugged together wearing strap.



Fig. 9: Radiobutton assembled as a necklace.

#### Note:

The lock of the wearing strap is constructed in such a manner that it can automatically be opened in emergency situations when the band is pulled a bit more firmly.

## Active charging cradle

The active charging cradle has a speaker and a microphone installed, that have a higher acoustic performance than the components integrated in the GEOCARE®. Speaker, microphone and SOS-Button are not active as long as the GEOCARE® is not inserted in the charging cradle.

Therefore, in order to make use of improved acoustic performance, you should not forget to plug in the GEOCARE® in the charging cradle as soon as you get home.

The active charging cradle has three buttons for its operation:

When the GEOCARE® is plugged in the charging cradle and the charging cradle is ready for operation, its ring shines green. Additionally, there is a radio connection between GEOCARE® and the charging cradle. When the GEOCARE® is not plugged in the charging cradle but is connected via radio, the ring shines green, but a little less bright.

The active charging cradle has three buttons for its control. With each button press, the appropriate button lights up. Additionally, the ring shines green two times when the function of the button could be transmitted to the GEOCARE®. In the event that the function could not be executed successfully, the ring shines red, two times.

1. **SOS-Button:** Triggering the SOS
2. **Left button:** Search for GEOCARE® button: By pressing this button, GEOCARE® emits an acoustic signal that makes it easy to find (Depending on the implementation).
3. **Right button:** Daily reminder for the daily OK-notification to an emergency call center.

Depending on the implementation of your charging cradle, it is able to communicate via radio with the last GEOCARE® that was plugged in it. Thereby, it is possible to press the buttons when the GEOCARE® is not plugged in the charging cradle but is in radio range.

If the buttons are pressed when only a radio connection is available, the applying confirmation signals are the same as when there is a direct connection to the device.





## First use of the Active charging cradle

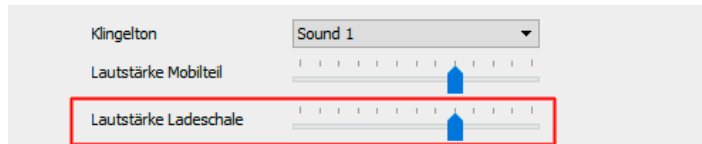
For commissioning, plug the charging cradle's USB cable in the provided AC adapter and connect the latter to a power outlet.

The charging cradle is furnished with an internal battery, so that it can provide its complete functionality within 24 hours without external power source. This battery is fully charged after it has been connected to a power outlet for twelve hours. In the event of a power failure, the ring slowly pulsates green. The function of the charging cradle is still assured. Should the internal emergency power supply reach a critical state, the illuminated ring alternatively shines red and green. In this case, the power supply must urgently be restored.

The volume of the charging cradle can be configured in the software GEOCARE® Enterprise. To do this, start the software, connect GEOCARE® with your computer via charging cradle and USB cable and open the device configuration as described on page 15.

The following figure shows the section of the software in which the volume can be modified. This setting is found in the field „General settings“.

The charging cradle automatically connects to the GEOCARE® that



is placed in it. When an implementation with radio connection is used, this connection still remains even when the GEOCARE® is taken out of the charging cradle (the illuminated ring only lights slight green).

To stop the connection between GEOCARE® and charging cradle, press the green and yellow button simultaneously for at least 4 seconds. The charging cradle then lights green and again red. After this the illuminated ring no longer lights and once more, the charging cradle is ready to be connected to a device.

## Function test

To complete commissioning, a function test of the GEOCARE® must be performed. To do this, you must trigger an emergency call as described on page 7. If the emergency alarm receiver gives a feedback and receives your location data displayed correctly, then the function check is successful.

In order to trigger an emergency call, press the SOS button for 3 seconds. As a confirmation, an audible signal is emitted. During the emergency call, the SOS button flashes red light.

The emergency alarm receiver receives a notification about the emergency call (according to settings on page 15). Wait until he/she calls back and the audio connection is established.

After the emergency alarm receiver answered/ended the call a further audible signal is emitted as a confirmation that the emergency call is ended.

Subsequently, test the radiobutton by pressing its SOS button. If an alarm is triggered, then the radiobutton is connected correctly and ready to be used.

## Operating GEOCARE®

What do I have to do as a GEOCARE® user?

### Switching on GEOCARE®

To switch on the GEOCARE®, hold the on/off key pressed for 3 seconds until it flashes white light. Then release the On/Off key.

As a confirmation, an audible sound is emitted. As soon as GEOCARE® is ready to be used, the status lights show its operational readiness. Alternatively, GEOCARE® is automatically turned on as soon as the device is inserted in a powered charging cradle. It then stays ready for operation until it is turned off. When GEOCARE® is in the charging cradle, the On/Off key flashes white light.

### Triggering a GEOCARE® emergency call

To trigger an emergency call, press the SOS key for 3 seconds. As a confirmation, an audible signal is emitted.

During the emergency call, the On/Off key flashes RED light. The emergency alarm receiver is informed of your emergency situation by call or/and SMS. As soon as he/she actively calls you back, an audible connection is established.

## Ending a GEOCARE® emergency call

If necessary (e.g. if an emergency call is triggered erroneously), you can end the emergency call yourself by keeping the SOS button pressed for 10 seconds. The termination is confirmed by an audible signal.

## Accepting a GEOCARE® call

If the number dialed is busy, GEOCARE® automatically repeats the call several times. If it is still not possible to establish a connection, GEOCARE® selects the next emergency alarm receiver from your emergency contacts list.

Depending on the configuration, GEOCARE® rings several seconds like telephone. The call is automatically accepted. You do not have to press any key. During connection with the caller, the On/Off key flashes red light. Talk to the caller.

When the emergency call is terminated by the emergency alarm receiver, the conversation is ended automatically. You do not have to press any key. The emergency alarm receiver knows your location. He/She organises the required help. He/She ends the phone call. An audible signal signals the end of the emergency call. Even if you can't speak or hear, you get the help you need because your emergency alarm receiver automatically gets the information that it is an emergency call from you as well as your location.

## SMS commands

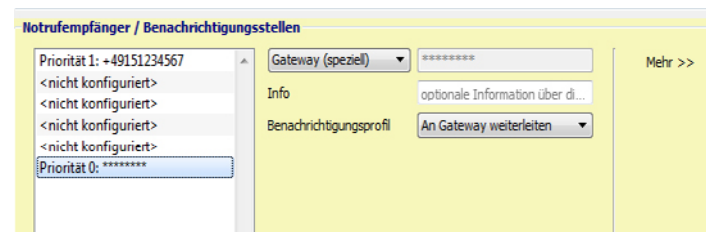
Position reports	SMS commands	Example SMS
One-off query of the current position	<b>position</b>	position
Search mode- Depending on the searchradius, it sends a message at regular intervals with the wearer's current position	<b>searchon</b>	searchon
Deactivate search mode	<b>searchoff</b>	searchoff
Switch on Eco Mode - When Eco Mode is turned on, the GPS function is not active. Position cannot be determined	<b>ecoon</b>	ecoon
Switch off Eco Mode	<b>ecooff</b>	ecooff
Device status – an SMS containing various informations is sent to the emergency contact (e.g. battery status etc.)	<b>status</b>	status

GEOCARE® version number	version	version
SMS language selection - selects the language in which SMS should be sent	de/gb	de
Siren function - the GEOCARE® emits sounds at the desired intervals.	sirene=X	sirene=3

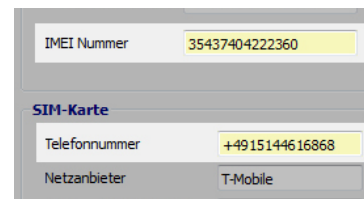
## GEOCARE™ mobile App for Android phones

An optional app is available for mobile phones with an Android operating system. If needed, the GEOCARE™ mobile app can be installed directly onto your phone from the Android Play Store.

The GEOCARE™ mobile app provides a convenient overview and



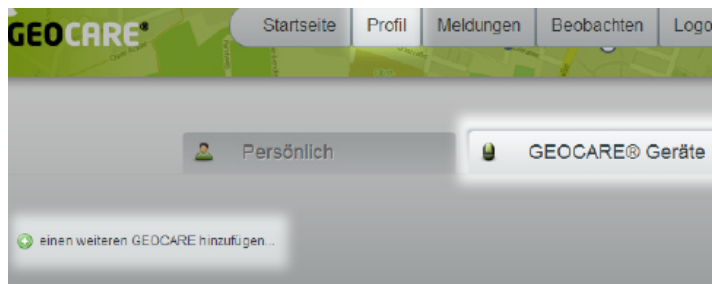
control function for one or more GEOCARE® devices in a special application for Android phones. Incoming emergency calls are displayed directly in this software and can also be answered from the



Write down the IMEI number and phone number of the GEOCARE®. You find these details in the „Hardware/Status“ section.

same software.

With a keystroke, you can query (irrespective of an emergency call) the position of the GEOCARE® user and immediately get it displayed on a map. Using the navigation function you can be directed to the location of the GEOCARE® user.



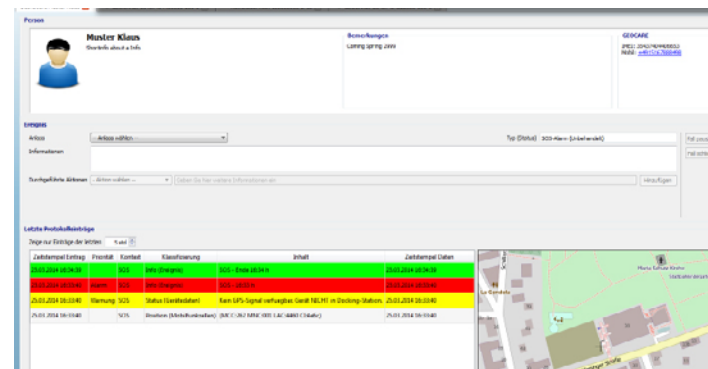
The software shows you at a glance whether the GEOCARE® user is

inside or outside the selected home zone.

## Setting up the GEOCARE® Portal

### Registration of the GEOCARE®

In order to use the GEOCARE® Portal, you must activate the permissions of the last entry of the notification points.



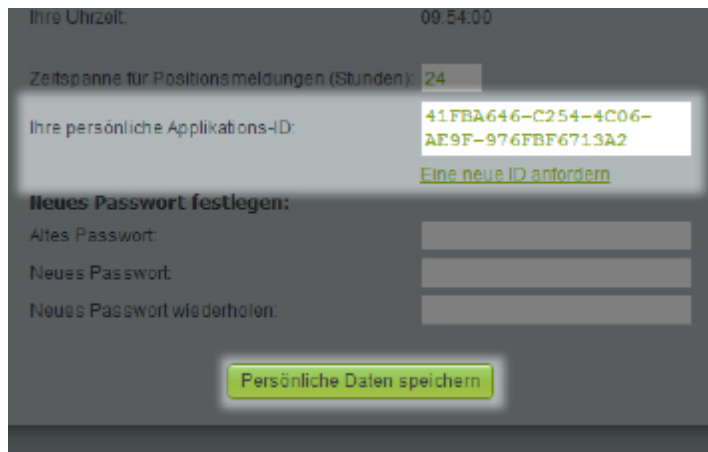
After doing this click on „Save“. Please note that when this function is selected, an additional SMS is always sent to our gateway (German T-Mobile number).



Please register now in the GEOCARE® Portal at <https://portal.geo-care.de> and enter your personal data under

„Profile“.

Afterwards, click on „Add another GEOCARE“ under GEOCARE® Devices.

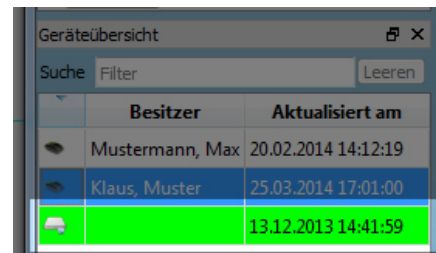


The screenshot shows a web form for setting up a profile. At the top, it says 'Ihre Uhrzeit: 09:54:00'. Below that is a field for 'Zeitspanne für Positionsmeldungen (Stunden):' with the value '24'. The 'Ihre persönliche Applikations-ID:' field contains the ID '41FBA646-C254-4C06-AE9F-976FBF6713A2' and a link 'Eine neue ID anfordern'. There is a section for 'Neues Passwort festlegen:' with fields for 'Altes Passwort:', 'Neues Passwort:', and 'Neues Passwort wiederholen:'. At the bottom is a green button labeled 'Persönliche Daten speichern'.

Enter the phone number of the GEOCARE® and the IMEI. Click on „Create GEOCARE“. The GEOCARE® is now successfully registered in the portal.

## Setting up the dashboard in the Software

The dashboard allows you to see a general overview of the user. When you click on a device in the device overview, the dashboard for the corresponding user is opened.



The screenshot shows a dashboard titled 'Geräteübersicht'. It has a search bar with 'Suche' and 'Filter' buttons, and a 'Leeren' button. Below is a table with two columns: 'Besitzer' and 'Aktualisiert am'.

	Besitzer	Aktualisiert am
	Mustermann, Max	20.02.2014 14:12:19
	Klaus, Muster	25.03.2014 17:01:00
		13.12.2013 14:41:59

If you possess the alarm management function, you will have to request an application ID in the GEOCARE® portal. To do so, go to the portal and click on „Profile“ in the upper navigation bar. (http://portal.geo-care.de)



The screenshot shows a form for setting up a device. At the top is an icon of a device with a globe. Below is a section titled 'Gerät' with two fields: 'Zugangsschlüssel' and 'Webservice'. The 'Zugangsschlüssel' field contains the ID '41FBA646-C254-4C06-AE9F-976FBF6713A2'. The 'Webservice' field contains the text 'GeoDog / GeoCare Live Service'.

ps://portal.geo-care.de)

## Room monitoring

The GEOCARE® device offers you the possibility of a room monitoring function, so you can monitor what is happening in the environment of the GEOCARE® by listening. In case of an emergency call, an audio connection with the GEOCARE® is established. By so doing, an automatic room monitoring is provided. This is also the case for an emergency call that is directed to an emergency call centre.

A room monitoring without an emergency call is only possible if the phone number of the caller device is configured in the GEOCARE® Enterprise Software as emergency call receiver as described in the section „Configuring GEOCARE®“ under „Emergency contacts\Notification points“.

After doing this, the room monitoring can be started by a call to the GEOCARE® device. The device automatically accepts the call and the caller can listen to what is happening in the surroundings of the GEOCARE®.

## Cleaning

When GEOCARE®, the charging cradle or the wireless transmitter get dirty, they should be cleaned.

### Cleaning GEOCARE® and wireless transmitter

1. Remove GEOCARE® from the charging cradle before cleaning.
2. Clean GEOCARE® and wireless transmitter with a soft, damp, lintfree cloth. In exceptional cases only, use a mild, diluted detergent.

### Cleaning the charging cradle

1. Unplug the charging cradle's AC adapter from the mains socket before cleaning.
2. Clean the charging cradle with a soft cloth.
3. Plug the charging cradle's AC adapter back in to the mains socket.

## Desinfecting the device

For the dampened disinfection of the device, use commercial disinfectants.

## Wireless transmitter's battery

The wireless transmitter contains a non-rechargeable battery. When the battery is low and needs to be replaced, the GEOCARE® automatically informs your emergency contact. He/she will contact you.

If the indicator light on the wireless transmitter does not light up after you have pressed its SOS key, then the battery is empty or the wireless transmitter is faulty. Please contact your emergency contact, e.g. by pressing the SOS key on the GEOCARE® for 3 seconds.

Warning! If the battery of your wireless transmitter is already quite old and the wireless transmitter is located in a cold environment (below +15°C) for an extended period of time (approx. 18 hours), it may incorrectly report to your emergency contact that the battery is low and needs to be replaced. Your emergency contact will call you on the GEOCARE®. Inform them that you are currently in a cold environment. When you return to a warm environment, this incorrect notification will stop.

## Troubleshooting

### GSM Signalindicator flashes red light

The GEOCARE® can't log on to the mobile network.

1. Ensure that the SIM-Card is inserted correctly
2. Using a mobile phone, check if the SIM-Card is activated
3. Test the mobile radio reception in the environment where the GEOCARE® is located. Basically, while placing the GEOCARE® in an environment, you should ensure that the mobile radio reception is good and that no disturbance sources (e.g. large metal surfaces) are present in this environment.

### GEOCARE® can't find the current position

The GEOCARE® can't perform the positioning. Positioning is performed using GPS based on satellites. Basically, this function is available only in outdoor areas or close to windows.

When positioning is executed for the first time after the delivery of the device, the first positioning can possibly last longer. This is caused by the fact that basic data for the positioning need to be loaded first.



### 1. GEOCARE® sends an old position:

From version 5, the GEOCARE® possesses a motion sensor. Current position data are only recorded when a slight motion takes place.

### 2. GEOCARE® finds no position:

The basic data for positioning probably could not be loaded yet. Please check the APN access data in the settings of the GEOCARE® using the Enterprise software. You obtain the APN access data from your mobile phone operators. For systems that are distributed by Libify, following access data apply:

#### **US SIM cards:**

APN: c1.korem2m.com

#### **M2M (Telefonica):**

APN: m2mde.telefonica.com

usr:

pwd:

After modifying the APN access data, turn off the GEOCARE® and then on again. Afterward, place the GEOCARE® in an environment with good satellite reception (e.g. in the open)

### 3. GEOCARE® only finds the current position irregularly :

When GEOCARE® is moved, it tries to record a position in the configured time interval. Depending on the Profile that is set, the position can differ from the current location. For a balanced operation, we recommend an interval of 90 seconds.

### 4. I need a current position without the GEOCARE® being moved

Send the command „Searchon“ to the GEOCARE® with an SMS. This command causes the GEOCARE® to immediately start searching for the current position. Depending on the condition of the environment, this search can last some time because the GEOCARE® tries to find the most accurate position.

After the successful positioning, the searchmodus must be ended by sending the command „searchoff“ to the GEOCARE® with an SMS.

## GEOCARE® displays error messages on the PC

The GEOCARE® communicates with the computer via USB. Simultaneously, the GEOCARE® is charged using the USB-port. If the connection is not flawless, the installation of an USB-hub can help. First of all, it should be checked that the connection to another computer works correctly.

1. Ensure that you are using the latest version of the GEOCARE® Enterprise (At least Version 1.2.9-State 09/16)

2. Check if the connection cable of the charging cradle and/or the GEOCARE® is faulty or dirty.

Naturally, in all cases, our support team is at your disposal for further informations.

## Maintenance

Each time the user of the emergency system changes, a technician must perform following maintenance. To ensure that GEOCARE® provides the maximum security even after being in use for a longer period, a maintenance should be performed latest after 3 years of usage if there was no change of user.

### Mechanical maintenance

1. Have the battery replaced latest after two years.
2. Clean and disinfect the GEOCARE®, charging cradle and wireless transmitter.
3. Check the housing of the GEOCARE® and wireless transmitter for mechanical damage. Have a damaged housing replaced.
4. Check the charging cradle for mechanical damage. Check the connecting cable for damage and loose connections. Have faulty parts replaced.

### Function check

1. Check the function of the GEOCARE® and the wireless transmitter.
2. Check the indicator lights: When the GEOCARE® is placed in the charging cradle, the On/Off key must be lit in white. Outside of the charging cradle, briefly press the SOS key, then the network-and GSM symbol will be lit up. If you have triggered an emergency call, the SOS key must flash red light.

## Reuse

GEOCARE® is appropriate for reuse by other users. For reuse, a technician must prepare GEOCARE® as follows:

1. To uninstall, simply disconnect the charging cradle from the mains and switch off the GEOCARE®.
2. Perform maintenance on the GEOCARE®, wireless transmitter and charging cradle, as described on page 63.
3. Replace missing accessories and operating instructions.
4. Configure GEOCARE® for the new user, as described on page 15.

## Disposal

The batteries for the GEOCARE® and wireless transmitter must not be disposed in household waste. They must be disposed of in accordance with the local waste disposal regulations.

GEOCARE®, wireless transmitter and charging cradle should not be disposed of in household waste. They must be taken to a collection point for recycling electronic equipment.

WEEE-Reg.- Nr. DE 66751118



## Technical data - GEOCARE® GC5 (1/3)

Dimensions	Height 3.1 inch, width 1.7 inch, depth 1.05 inch With Clip: Height 3.1 inch, width 1.7 inch, depth 1.25 inch
Weight	2.3 oz
GSM	Energy-saving GSM processor Quad-band GSM/GPRS/EDGE (850 MHz, 900 MHz, 1800 MHz, 1900 MHz) Dual-band UMTS WCDMA FDD: 850 MHz, 1900 MHz or 900 MHz, 2100 MHz Triple-band UMTS WCDMA FDD: 800 MHz, 850 MHz, 2100 MHz
GPS	72 channel GPS, QZSS, GLONASS, BeiDou / Ublox M8 GPS position accuracy: <2.0m Tracking sensitivity: 167 dBm Navigation sensitivity: 167 dBm
IEEE 802.15.4 transceiver	2,4 GHz (short-distance data transmission) for handheld transmitter for connection to other devices (e.g. Wireless transmitter)
Microphone	Condenser microphone (ECM)
Speaker	1.0 W, 8 Ohms
Battery	Li-Po 1000 mAh, 3.7 V
Battery Lifetime	2 years
Charging time	3 hours
Running time in various modes	Depending on the usage (30+ hours)

## Technical data - GEOCARE® GC5 (2/3)

Sensors	motion detector, temperature sensor
AC/DC adapter	5 V 1000 mA
Connections	Magnetic connector with reverse polarity protection and USB connector
Buttons	2 (SOS key and On/Off key)
LEDs	LED On/Off key (white) LED SOS key (green/red) LED Battery display (red/green) LED Configuration (green/red) LED GSM signal (red/green)
Housing materials	Clips and Upper-/Subshell: PC + ABS Clip: PC + ABS Screen: PC Seals: TPE
IP-Norm	IP 67 according to IEC 60529
Operating temperature	-20°C to +50°C
Storage temperature	-25°C to +70°C
Relativ humidity (Operating / Storage)	5% to 95% / 45% to 95%

## Technical data - GEOCARE® GC5 (3/3)

Active charging cradle	To charge the battery, for connection with a computer using USB, as well as as a hands-free module.
Support from emergency call control centers	UMO – Verklizan LMS – Telealarm PNC – Tunstall (Depending on the version and function's range)
Configuration	PortalPlus or PC Software
SIM Card slot	yes, Mini-SIM (2FF)

## Technical data - Wireless transmitter RB3

Protection class	IP 67 according to IEC 60529
Dimensions	Height 0.5 inch, Width 1.44 inch, Depth 1.75 inch
Weight (incl. battery & wristband)	1 oz
Funk	2,4 GHz
Housing material	Makrolon
Wristband material	PVC
Battery type (Battery exchange only by Libify GmbH)	CR3032: 3 V, 500 mAh
Battery lifetime - with 1 emergency call per day and an ambient temperature of approx. 23°C	approx. 2 Years (Wireless transmitter coupled to GEOCARE®)
Funk range to GEOCARE® GC3 within buildings	1170 inch (3 rooms, depending on their condition)
Funk range to GEOCARE® GC3 out of buildings	9750 inch
Max. ambient temperature During Usage/During storage:	0 °C to +50 °C/ -30 °C to +50 °C
Optimal ambient temperature During Usage/During storage:	+15 °C to +30 °C/+10 °C to +30 °C
Wristband width	0.8 inch

## Technical data - Active charging cradle AC3

Diameter	4.9 inch
Weight	Approx. 13.8 oz
Compatible to	GEOCARE® GC5
Connection	USB (42.9 inch)
Battery	LiPo 3.7 V, 1000mAh
Battery lifetime	approx. 2 Years
Charging time	12 hours
Operational readiness with fully charged battery (without network connection)	24 hours
Operating temperature	0 °C to +50 °C
Storage temperature	-30 °C to +40 °C
Housing Material	Bottom part: PC + ABS Top part: PC + ABS Light guide: PC

## Warning notices

Do not use a wet cloth to clean the GEOCARE® or charging cradle. Do not use any window cleaners, household cleaners, aerosol sprays, solvents, alcohol-based cleaners, ammonia solutions or abrasives to clean them. These damage the devices. Make sure no electrical contact come in contact with moisture while cleaning the devices.

Place the charging cradle at least 39–78 inch away from other electronic devices in order to prevent any interference between them.

Charge the battery daily for at least three hours to ensure that GEOCARE® is always ready for operation.

If the audible signals for a low battery is emitted just a few hours after the battery has been fully charged, the battery needs to be replaced. Contact your emergency contact for assistance.

## For Safety

Read this instruction manual carefully before you start using GEOCARE®. GEOCARE® was developed and produced according to the highest safety standards. Nevertheless, as for comparable electronic devices, you must observe the following safety instructions.

### GEOCARE® must be configured

GEOCARE® must be configured before use, otherwise you cannot trigger an emergency call.

### Battery must be charged

Make sure that the battery in the GEOCARE® is always charged, otherwise you cannot trigger an emergency call. Use only the supplied charging cradle and AC adapter plug.

(Important reminder: the system is only available to deliver an emergency call if it is ON and has GSM reception (GSM LED is green). For safety reasons the system will reset itself when the mobile unit is taken from the cradle or disconnected from charging cable.)

## The charging cradle should not come in contact with moisture

Should the charging cradle ever become wet, unplug it from the mains socket and notify the emergency contact.

## Locating via Global Positioning System (GPS)

To determine your position in the event of an emergency call, GEOCARE® uses GPS. This system is operated and controlled by the United States. They are responsible for the availability and accuracy of the system. All changes to the availability and accuracy of GPS or other environmental influences can have an impact on the operation of the GEOCARE®. We do not assume any liability for the availability and accuracy of GPS. In buildings, GPS reception is often reduced and sometimes (e.g. in basements) completely unavailable.

## Mobile phone network (GSM)

In order to reach the highest possible network coverage in the event of an emergency, GEOCARE® can access all mobile phone networks from different providers.

## Prohibited areas for mobile phones

GEOCARE® must not be used in areas where the use of mobile phones is prohibited, such as on aeroplanes, in hospitals or in the vicinity of medical devices or equipments, fuels and chemicals, as well as blasting areas. Switch off GEOCARE® before you enter these areas. Then take other steps to ensure your safety, e.g. by taking an accompanying person.

## Implanted medical devices

People who use an implanted medical device, such as a pacemaker or implanted cardioverter/defibrillator, must always maintain a distance of at least 5.85 inch between these medical devices and GEOCARE®.

This minimum distance is recommended by manufacturers of medical devices to prevent possible interference with the medical device. If you suspect that interference has occurred, switch GEOCARE® off immediately. Use another way to contact your emergency contact and discuss the problem with them.

## Other medical devices

Using the GEOCARE® may interfere with the operation of inadequately shielded medical devices. Contact a doctor or the manufacturer of the medical device to find out whether the device is sufficiently shielded against external high-frequency waves.

## Motor vehicles

Radio signals may negatively affect the performance of improperly installed or insufficiently shielded electronic systems in motor vehicles. For more detailed informations about this, contact the manufacturer of your vehicle or a specialist workshop.

## Other electronic devices

Virtually every electronic device is susceptible to interference from external sources.

## Temperature range

Only use GEOCARE® in a temperature range of -20 °C to +50 °C

Store GEOCARE® in temperature range of -25 °C to +70 °C. Temperatures outside this range may damage the GEOCARE® and the battery.

Do not leave GEOCARE® in a car, as temperatures of +70 °C can easily be exceeded in parked cars.

## Faults or malfunctions

Never open the housing of the GEOCARE® or the charging cradle. The housings must only be opened by authorized specialists. If there is a malfunction or a fault in the GEOCARE® or the charging cradle, contact your emergency contact.

## Small children

There are parts included in the delivery package of the GEOCARE® that could be swallowed by small children. Keep these parts out of their reach.



## Operation – Overview

Switch on GEOCARE®	Press on/off key for 3 seconds
Switch off GEOCARE®	Press on/off key for 3 seconds
Trigger EMERGENCY CALL	Press SOS key for 3 seconds
Cancel EMERGENCY CALL yourself	Press SOS key for 10 seconds

## LED indicators – Overview

On/off (power switch)	Meaning
Lights up white	GEOCARE® is connected to the charging cradle.
Pulsates in white	GEOCARE® is currently been turned on or off.

Emergency call key (SOS key)	Meaning
---------------------------------	---------

Flashes red light	SOS is active
Lights up red	Phone conversation is active

Network symbol	Meaning
----------------	---------

Lights up green	Connection to mobile phone network established
	Amount of lit bars symbolises strength of the signal

Flashes green light	Connection to mobile phone network not yet established. Caution: No emergency call possible!
---------------------	---

Lights up red or flashes red light	GSM-or SIM-Error. Caution: No emergency call possible!
------------------------------------	---

Configuration-symbol	Meaning
----------------------	---------

Pulsates green	GEOCARE® is being updated via internet
----------------	--

Battery-symbol	Battery capacity
----------------	------------------

2 LEDs light up green	more than 75 %
-----------------------	----------------

1 LED lights up green	more than 40 %
-----------------------	----------------

1 LED lights up green and 1 LED lights up red	more than 20 %
--	----------------

1 LED flashes red after button press	more than 10 %
--------------------------------------	----------------

1 LED continuously flashes red	more than 0 %
--------------------------------	---------------

Charging cradle	Meaning
-----------------	---------

Pulsates in red	SOS is active.
-----------------	----------------

Pulsates 2x in red	Button has been pressed-However, function is not possible.
--------------------	--

Pulsates in green for 3 seconds	SOS has been ended or confirmation of a function after button press
---------------------------------	---

Wireless transmitter	Meaning
----------------------	---------

Green → Green → Sound	Emergency call is being triggered
-----------------------	-----------------------------------

Green → Red → Red → Sound	Fault. GEOCARE® is out of reach or not ready for operation.
---------------------------	---

## Declaration of conformity

### GEOCARE® GC5

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIBIFY Technologies GmbH hereby declares that the GEOCARE® product, designation: mobile positioning and emergency call system, type GC5, complies with the regulations of the telecommunications directive 1999/5/EC. It also declares compliance with further directives/regulations that apply to the product:

Health & Safety (Art. 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
Radio (Art. 3.1b)	EN 301 511, EN 300 440-1/-2, EN 300 328, FCC Part 15
EMC (Art. 3.2)	EN 301 489-1/-3/-7/-24, FCC 15.247
FCC	2AGMC-GC5A
Contains FCC ID	N7NSL8080
IC	20893-GC5A
Contains IC	2417C-SL8080

## Radiobutton

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autori-

sée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIBIFY Technologies GmbH hereby declares that the wireless transmitter product, designation: radio emergency call signalling system, type RB3, complies with the regulations of the telecommunications directive 1999/5/EC. It also declares compliance with further directives/regulations that apply to the product:

Health & Safety (Art. 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
Radio (Art. 3.1b)	EN 300 328 V 1.7.1
EMC (Art. 3.2)	EN 301 489-1 (V 1.9.2) EN 301 489-17 (V 2.1.1) EN 61000-4-2:2009 EN 61000-4-3: 2006 + A1: 2008 + A2: 2010 EN 6100-4-8: 1993 + A1:2001

## Active charging cradle AC3

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard[s]. In accordance with FCC Rules and Regulations Part 2, Subpart J – Radiofrequency Radiation Exposure, § 2.1091 (b) a minimum RF Exposure test separation distance of 20 cm was applied. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. Conformément aux règles et règlements de la FCC, partie 2, sous-section J – exposition aux radiations radiofréquences, § 2,1091 (b) une distance minimale de séparation de l'essai d'exposition RF de 20 cm a été appliquée. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIBIFY Technologies GmbH hereby declares that the active charging cradle product, designation: emergency call system type AC3, complies with the regulations of the telecommunications directive 1999/5/EC. It also declares compliance with further directives/regulations that apply to the product:

Health & Safety (Art. 3.1a)

EN 60950-1:2006 + A11:2009 + A1:2010  
+ A12:2011

Radio (Art. 3.1b)

EN 300 328, OET 65, FCC Part 15

EMC (Art. 3.2)

EN 301 489-17, FCC 15.247

FCC

2AGMC-AC3A

IC

20893-AC3A

Notes

Device notes

Name of wearer:

Telephone number:

Emergency call chain

	Telephone number	Name
1.		
2.		
3.		
4.		
5.		

Gateway active: yes ☐ no ☐



Version: EN a36 Stand: 05/2018

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**libify**