

your safety-kit
mobi-click[®]



COMPACT II

Ver. 1.9xP

User manual

www.mobi-click.com

Version 20.02.2015

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General information about the Mobi-click Compact II

The easiest mobile phone...

Compact II works nearly like a usual mobile phone, just much more easier! You can receive any calls and call three pre-programmed phone numbers directly.

for seniors:

Compact II is suitable as an emergency system for elder and handicapped people. With three keys you can call for example your family doctor, your daughter or emergency call service directly.

for children (and anxious parents):

With three coloured keys, Compact II is also the perfect mobile phone for children, because this way parents can always keep in touch with them.

and alarm system:

As an alarm system Compact II protects you in various situations:

Car theft and burglary:

With Compact II you can protect your vehicle against theft or your apartment, your house or your office against burglary.

Baby phone:

As a baby phone Compact II alarms you immediately, if your child is crying or climbing out of bed.

In case of alarm you will receive up to six SMS or phone calls on your pre-programmed numbers. You have a possibility to contact undetected Compact II from any phone and so listen in the room quietly (see page 36, HEAR).

You can set many various, individual functions to protect better elderly people, children, babies as well as moving objects (as cars, motorbikes, etc.). You can also protect your Compact II with a PIN-code, so that only you or any allowed person can communicate with Compact II quietly.

Product description

Usage of Compact II for the car



Vehicle theft

With Compact II you protect your vehicle (car, machine and vehicle for building sites, motorbike, etc.) reliably and without any problems against thieves and burglars.

The **vibration sensor** reacts on vibrations (shut the car door, drag s.o. off, etc.) and causes an alarm message immediately per SMS or phone call to up to 6 pre-programmed numbers.

In case of a vehicle theft, there will appear constantly the appropriate **location message** (GSM zone code) on you own mobile phone display where the vehicle is located at the moment. Mobile phone operators and the police are able to locate your vehicle because of this information.

Right placement

To install Compact II is not so expensive as to install an alarm device in a car repair shop: Just hide it in your vehicle (e.g. in the glove compartment, in the trunk or also under the seat or in the compartment (car door).

Usage of Compact II at home



Burglary

By use of Compact II you can monitor your apartment, your house or office reliably: **The motion sensor** registers e.g. people that move within a distance of up to 5 meters. If a stranger enters the room, an alarm will be set off immediately.

You define, who will be informed per SMS or phone call in case of a break-in. Now you can listen undetected in the room and take necessary steps.

Ranges of application: apartment, house, holiday house/apartment, camper, office, repair shop, atelier, shop, restaurant, garage, etc.

Right placement

Compact II has a monitoring radius of approx. 5 meters with an angle of approx. 80°. To ensure the best coverage for monitoring, place Compact II in a corner, preferably facing a door. Do not face Compact II at a window as movement outside the window can cause a false alarm.

Attention! In order to ensure the most effective monitoring possible over the greatest area, position Compact II in a place that allows common access to all rooms (e.g. hallway, stairway, etc.).

Usage of Compact II in the child's room



Baby phone

Compact II reacts because of the integrated **acoustic sensor/microphone** not only when your child is crying, but also when it climbs out of bed silently (**motion sensor**). You can listen in the child's room at every time just to make sure everything is alright.

Range of application: at home, with relatives and friends, especially on holidays in hotel rooms, camping, etc.

You can test the acoustic sensor by starting Compact II test mode, see pages 17, 28.

Right placement

Parents often leave the child's room while the child is still awake. For avoiding false alarms, switch on Compact II not until your child is silent.

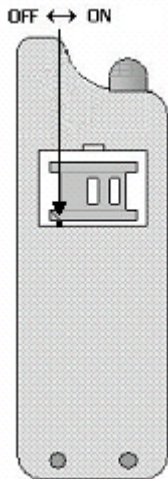
Put Compact II in the direction of the child's bed or the door of the room. If the child is climbing out of bed, the alarm will be set off immediately.

Important: The acoustic sensor/microphone is set as it reacts not until the child is really awake and makes sounds three times within 30 seconds (e.g. coughing only once does not cause an alarm).

First actions with the device

Important information

View of Compact II
from the rear:



First steps before using Compact II

Compact II possesses an integrated circuit for the protection of the battery from over and under charging as well as from short-circuit. This protective circuit is activated with a small slide switch (see design). Ensure that the small slide switch is in ON position. The device is working only when the slide switch is moved to ON.

To set Compact II in operation (if necessary):

- Open the rear cover
- Open the SIM-card caddy
- Using a pointed tool, move the slide switch to the ON position
- Insert the SIM-card
- Close the SIM-card caddy
- Close the rear cover
- Connect the battery charger
- A beep signal indicates that the device has successfully started

Important information: How to RESET device with rear slide switch

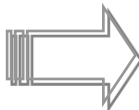
- Open the rear cover
- Using a pointed tool, move the slide switch to the OFF position for min. 20 seconds
- Move the slide switch back to the ON position
- Connect operating charger to Compact II for about 20 seconds (green LED should light and beep signal will be heard)
- After charger disconnecting device is successfully reset

Important information:

1. Leave **Compact II** connected to the battery charger for a minimum of 40 minutes to ensure that the battery is fully charged.
2. Before switching on **Compact II** (with the ON/OFF key) the battery charger must be disconnected. Once **Compact II** is switched on, the battery charger can be connected or disconnected as required, or be permanently connected. This way, a temporally unlimited working time of **Compact II** can be guaranteed (e.g. monitoring during a vacation).
3. **Compact II** allows the user a variety of programming options and adjustments of the device functions to suit individual requirements of the user. If during the programming you did something wrong and it seems nothing is going on anymore, it is possible to reset **Compact II** by moving the reset switch (located under the rear cover) to the OFF position for a minimum of 5 seconds, and then to ON again. This does not erase previous settings, but sets **Compact II** ready to receive new commands. Restart **Compact II** after resetting.
4. When charger is not connected and battery level falls under 20%, **Compact II** will send LOW BATTERY ALARM by SMS (see pages 30-31).
5. When charger is connected to **Compact II**, battery will be kept charged all the time.
6. When **Compact II** doesn't respond for any action e. g. the user has forgotten to charge it, a RESET of the device and full charging process must take place (see previous page).

First actions with the device

Good to know!



Do not forget to put the spaces between the single words/digits by writing every kind of message. Here you are an example for SET (space) KEY (see pages 18/19).



Do not forget to put always the int. prefixes (for ex. Switzerland: +41)



You can use capital or small letters or both.



Every new command deletes the old one!



SMS commands consist of 2 words:

1. word: what do I want to do?

SET	=	switch on
RESET	=	switch off
TEST	=	test

2. word: determine situation or sensors

AUTO	=	car monitoring
HOME	=	room monitoring
BABY	=	baby phone

We will explain further commands in detail gradually.

Change the PIN-code

As Compact II has only 3 keys and a ON/OFF power key, some settings during the initial operation have to be done on a second "normal" mobile phone at the first use.

These settings have to be done just once!

Changing of the PIN-code:

For the use of Compact II you also need a SIM-card which is like the SIM-cards you need for other mobile phones. It does not matter which SIM-card you choose, a prepaid-card or a SIM-card with subscription with an operator. Put the SIM-card, which you will use for Compact II later, in a "normal" mobile phone first.

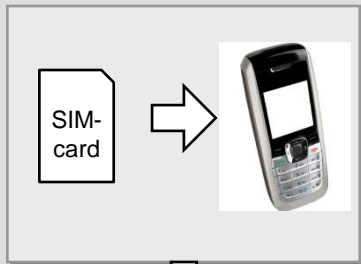
Every SIM-card has a PIN-code. Since Compact II utilises its own PIN system to guard against unauthorised access by SMS, therefore the original PIN-code of the SIM-card must be changed (see your mobile phone handbook for changing PIN commands). For changing PIN you can use any mobile phone.

Place the SIM-card intended for use in Compact II into the mobile phone. Using the mobile phone's menu, navigate to the changing PIN-code option (see you mobile phone handbook for changing PIN command) and change the PIN-code to

1513

In case of any problems read the instructions of your operator or the instructions of your mobile phone manufacturer. After changing the PIN-code of your SIM-card, remove the SIM-card from your mobile phone and place it into Compact II. Open the small cover at the bottom of the device and place the SIM-card into the SIM-card caddy. Carefully replace the cover.

- 1 Put the new SIM-card into the "normal" mobile phone.

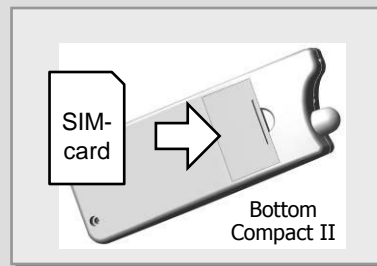


- 2 Enter the original PIN-code.

- 3 Change the PIN-code (see previous page).

- 4 Take the SIM-card out of the mobile phone again.

Ready to start!



- 5 Place SIM-card with the changed PIN into Mobi-Click Compact II.

First actions with the device

Switching on and off of the device

Switch on



Ready for use!

1



Press the ON/OFF key for about 3 seconds.

Press the ON/OFF until beep.

2

Yellow LED blinks and green LED is ON (looking for network) .

3

When ready a single beep is issued.


4


Status normal: only green LED blinks.


5


The full initiation phone we most wait (20 – 60 seconds).

Mobi-Click Compact II works only if..

 ... it is switched on and the battery is loaded.

 ... the PIN-code of the SIM-card has been changed.

 ... the SIM-card is put in correctly.

 ... a sufficient GSM-reception is given.

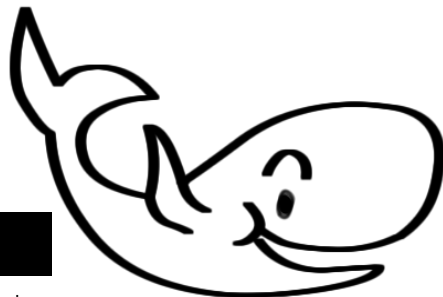
Should the green LED not start to light, turn off the device using the ON/OFF key and check to ensure the SIM-card has been inserted correctly. Also ensure that you are in good mobile phone network's reception area.

You need

- ▶ 1 Mobi-Click Compact II
- ▶ 1 SIM card
- ▶ 1 mobile phone for changing the PIN-code of the SIM-card and to program further commands

Connect Compact II

- ▶ Ensure Compact II is turned OFF and connect the battery charger to ensure that the battery is fully charged. You will hear a short peep tone when the charging cycle begins.
- ▶ Orange LED is blinking: the battery is not charged.
- ▶ Switch on your device as described on the left page. An integrated protection circuit is built into Compact II to ensure that the battery delivers optimal supply to Compact II.



For **switching off** the device, also press the power ON/OFF key (Red & Yellow LED are On Descending trial tone in issued).

What to do if...

...there is no short peep and the green LED does not light?

- ▶ Is the device switched on?
- ▶ Does the battery have enough power?
- ▶ Is the PIN-code changed and is the SIM-card inserted correctly?

Otherwise it is possible to reset Compact II (see page 8/9)

First actions with the device

Mobile phone, emergency and alarm system at the same time!



(=RED)

Activate as mobile phone



(=GREEN)



GREY

Press when switching on power ON/OFF key (drawing ok).



(=BLUE)

Activate as emergency system



RED



ON/OFF

Keep the two keys pressed when switching on until you hear a signal tone!

Set up connection



Dial the 1st number



Dial the 2nd number



Dial the 3rd number

If it is ringing



Reject call



Answer the call **loudly**



Answer the call **normally**

Emergency mode:

The call will be answered automatically after 1 ring – more security for elderly people.

During phone call



Switch to mute



Hear loudly (Loudspeaker)



Hang up

Emergency mode:

Hear the call automatically loudly (free speaker).

Activate as alarm system



BLUE



ON/OFF

Keep the two keys pressed when switching on until you hear a signal tone!

Activate test mode



GREEN



ON/OFF

Keep the two keys pressed green and ON/OFF (drawing OK) when switching on until you hear a signal tone!

Switch on alarm standby



AUTO Car monitoring



HOME Protection against burglary



BABY Baby phone

Alarm mode:

Press the key until the countdown starts (peep...peep...). You now have 15 seconds to leave of the room.
To switch off: You have 15 seconds to turn off alarm by pressing the key again before an alarm will be released

In the test mode



VIBRA Testing the vibration sensor



MOVE Testing the move sensor



VOICE Testing the acoustic sensor

Test mode:

Switch on: press the chosen key for testing (see above).
With the test mode you can test the different sensors.
In case of an alarm you hear a siren. To switch off: press the key again.

Compact II as a mobile phone

Saving of three phone numbers

As easy as SMS...

With Compact II you can call 3 different numbers, without the tiring typing of the phone numbers: just press one of the three coloured keys and you are connected directly to the number you have chosen!

Before you can profit from this short dialling, you have to save those three numbers first. (You can change them easily at any time). Therefore you need a mobile phone.

At first you have to choose a number for each coloured key.

These settings can be done in any mode (see page 16/17).

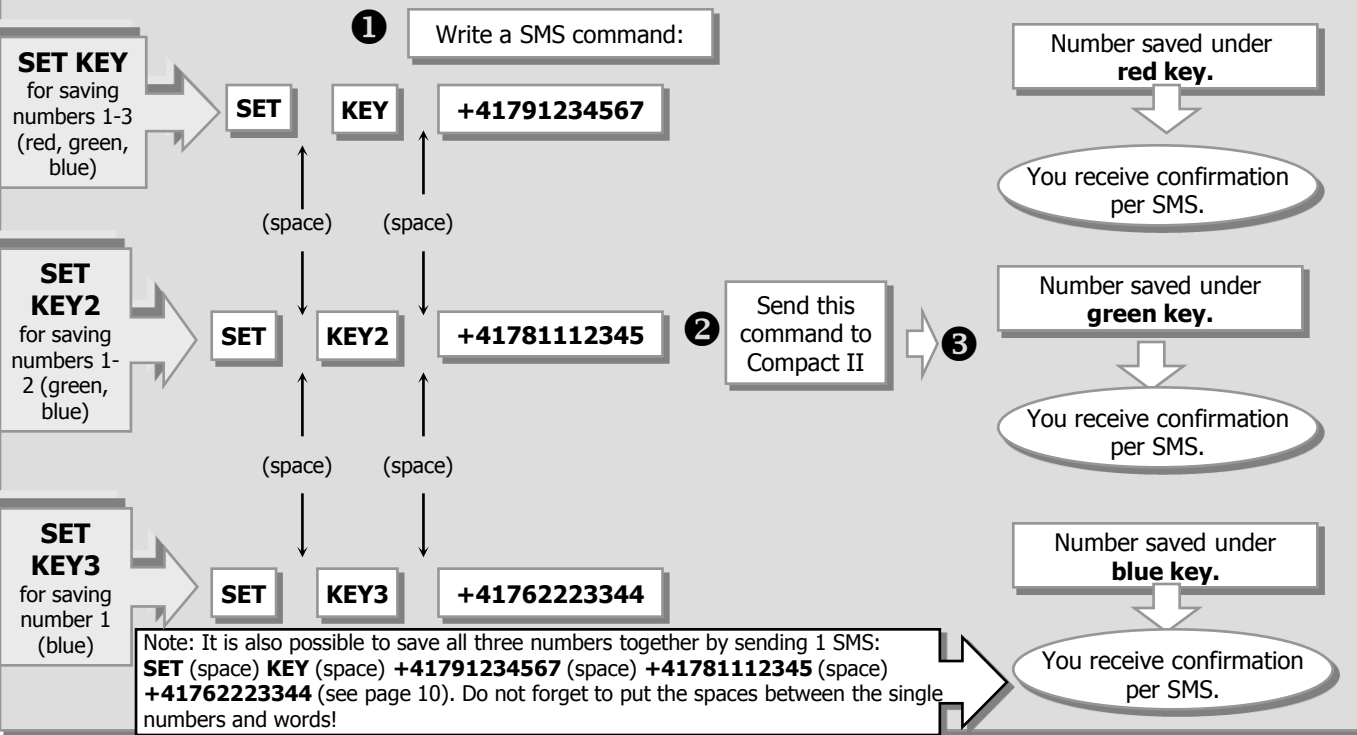
After you have saved these numbers, they will be always informed in alarm situations. Further information about alarm messages, see pages 26-35.



**Write a SMS (message)
on your mobile phone
and send it to
Compact II!**

**message
(SMS)**





Compact II as a mobile phone

Volumes and ring tones

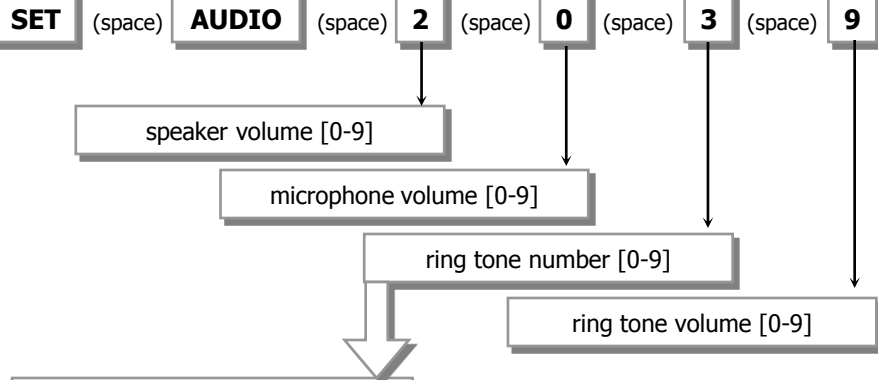
As in any other mobile phone, Compact II allows the user to choose individual ring tones and do personal volumes selections.



**Write a SMS (message)
on your mobile phone
and send it to
Compact II !**



**message
(SMS)**



- 0 = Mystery
- 1 = Hymn of Germany
- 2 = Mozart
- 3 = Strauss
- 4 = Puccini
- 5 = Vici
- 6 = fast Bee
- 7 = Compact II tone (standard)
- 8 = short Bee
- 9 = Wale

Notes:

The selection of the volumes for the speaker and the microphone should be done very carefully; it is not advisable to choose both high values because of abnormal behaviours of the voice during the communication!

General information: "0" is the lowest, and "9" is the highest value.

Compact II as a mobile phone

Keypad lock and unlock

Keypad lock

For this function, Compact II must be switched on. When the device is ready, do the following:

- press the red key
- press the blue key



-now you hear a triple tone which indicates that the keypad is locked.

Keypad unlock

For unlock the keypad again, do the same as for locking:

- press the red key
- press the blue key



-now you hear a triple tone which indicates that the keypad is unlocked.



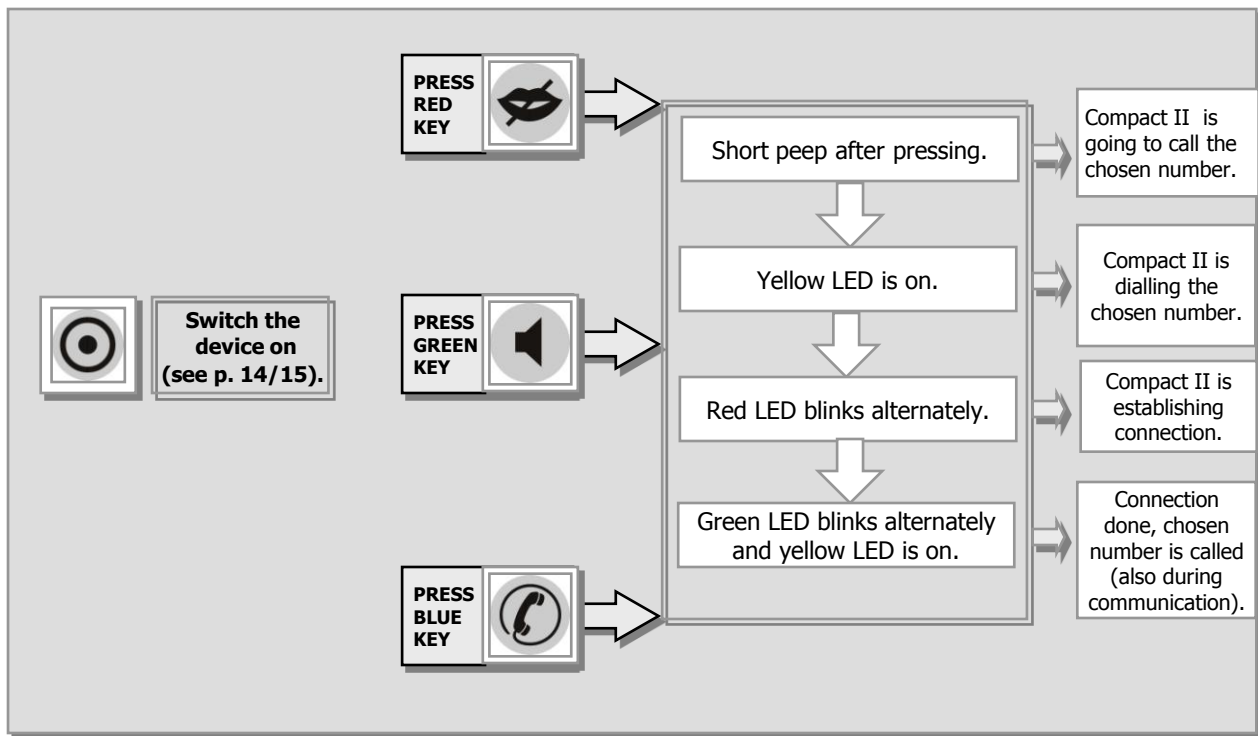
KEYPAD LOCK
AND UNLOCK:

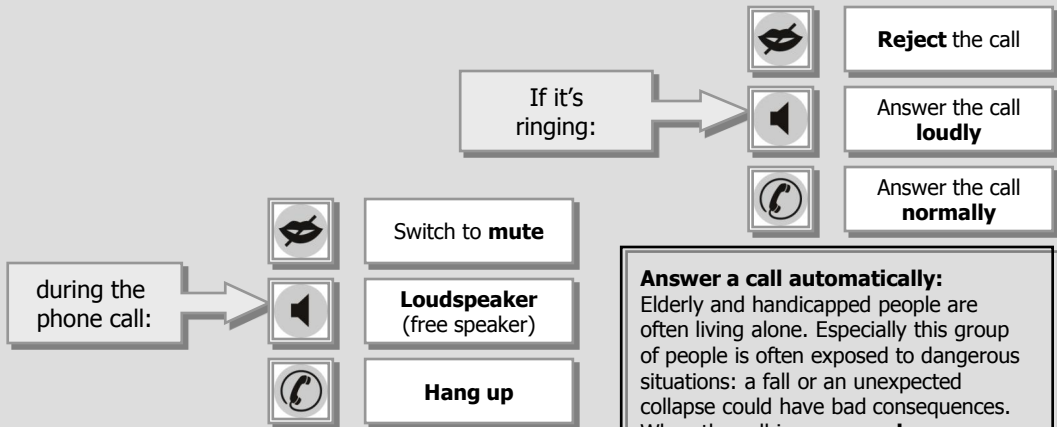
**FOR ALL KEYS,
INCLUDING
ON/OFF KEY!**



Compact II as a mobile phone

My first phone call with Compact II





Answer a call automatically:
 Elderly and handicapped people are often living alone. Especially this group of people is often exposed to dangerous situations: a fall or an unexpected collapse could have bad consequences. When the call is **answered automatically** you can contact your beloved person directly whenever you want: Compact II answers automatically and put the hear- and speaking settings to "loud" (free speaker), thus the person do not have to pick up the telephone. For this, the device must be started as emergency system (see page 16).

Compact II as a mobile phone

Sending SMS messages with Compact II

At first you have to choose further three numbers to which you can send SMS messages. The SMS messages inform certain people that a call will be done in the next few seconds. That means, by pressing one of the key, the according number will get a SMS message and if the numbers with SET (space) KEY (see pages 18/19) are programmed too, Compact II will call these numbers after sending the SMS to the numbers you save as below:

Write an SMS command and send it to Compact II:

SET (space) **SMS** (space) **+4179123...** (space) **+4178111...** (space) **+4176222...**



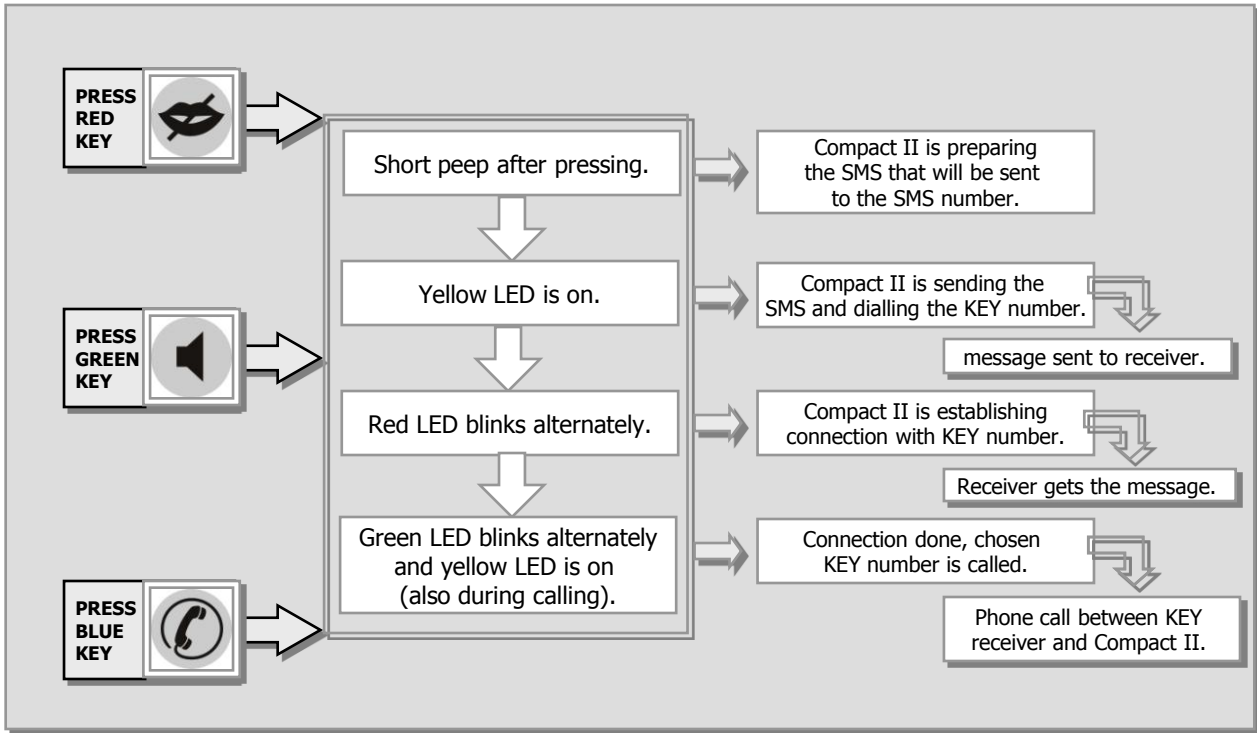
SET (space) **SMS2** (space) **+4178111...** (space) **+4176222...**



SET (space) **SMS3** (space) **+4176222...**



When Compact II receives commands from you, there will be heard a triple tone and the red LED blinks shortly to ensure that the message was received. The yellow LED will blink to inform that Compact II is preparing the chosen command.

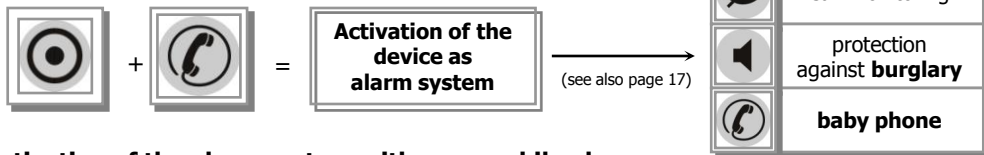


Compact II as an alarm system

Usage of Compact II as an alarm system

The usage of the alarm system is very simple: you just have to choose, in which kind of alarm situations you want to use your Compact II: for protection of the car, for protection against burglary or as baby phone!

Activation of the alarm system on Compact II:



Activation of the alarm system with your mobile phone:

Write an SMS command:

SET (space) **SECURITY** (activation of the alarm system)

And choose your application afterwards:

SET (space) **HOME** (for protection against burglary)

SET (space) **AUTO** (for car protection)

SET (space) **BABY** (for baby phone)

Send the command to Compact II:

The alarm is activated, you receive confirmation on your mobile phone for successful activation.

Information *): In security (alarm) mode device is absolutely silent. The loudspeaker and LED are off. It is recommended to work in the alarm mode in order to avoid false alarms.

*) This command is possible only in case of Compact II and Compact IIP+A.

Compact II T as an alarm system

Saving of personal alarm messages

Personal texts are used to describe an alarm which had happened more exactly, especially if the alarm message goes to a third person or if there are several Mobi-Click devices in order.

Changing name of Compact II:

SET (space) **NAME** (space) **FERRARI**

Compact II is named
as FERRARI now.

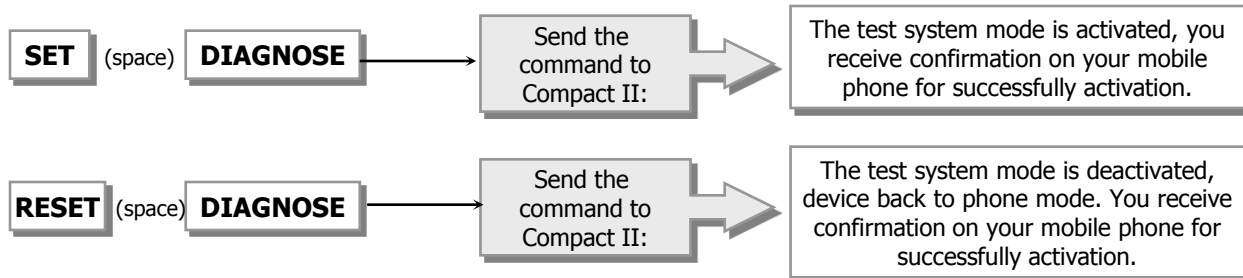
Notice: Maximum length for Compact II name is 20 characters

You can choose these alarm message texts also for other sensors by doing in the same way as described above.
You only have to write instead of ALARM the name of the sensor.
More about the names of the different sensors you can find on page 38.

Compact II as an alarm system

Usage of Compact II as an alarm system in diagnose mode

Diagnose mode is extended test mode for all sensors available in Compact II. In this mode user can activate sensor without alarm message from Compact II. When sensor is armed only short beep sound will be heard.



To activate each sensor for test you do not need to touch any button in Compact II. It is enough to send an SMS, for example: **SET** (space) **MOVE** (space) **MID** (for more information see page 39). In return you will get status information about active sensors from Compact II.

It is useful when device is hidden or installed in position where user do not have access to the device. In this mode you can also test special sensor connected to external port like EXTERN NO (or EXTERN NC), EXTERN PIR and EXTERN RELAY.


Information: When Compact II is switched back to ALARM (SECURITY) mode, all sensor settings from DIAGNOSE mode are saved.

Compact II as an alarm system

Changing of time and date

Compact II provide simple settings of date and time with weekday calculation. When time and date is set the weekday is count automatically. To set date and time send SMS as in example below (format: hh mm yy mm dd):

SET (space) **TIME** (space) **13** (space) **24** (space) **08** (space) **11** (space) **28**



Hour (0 - 23) Minute (0 - 60) Year (0 - 95) Month (1 - 12) Day (1 - 31)

The time can be also set in short format without date (format: hh mm): **SET** (space) **TIME** (space) **13** (space) **24**

After SMS command, in reply you receive time status of Compact II with name of the device, time, date, weekday, Status report hour, Care hours (see page 33) and idle alarm time (see page 46)

SET (space) **STATUS** (space) **13**

↑
Hour
(0 - 23)

Each day at full 13. hour TEST STATUS report will be sent to predefined numbers assigned as „S“ (see next page)

Compact II as an alarm system

How will I be informed in case of an alarm? 1/2

You can choose by yourself in which kind you and the other people (saved numbers under the three keys) have to be informed in alarm situations.

For the numbers you have saved with the commands SET KEY/2/3, you can choose the way of information as below, for the further three SMS-numbers you have saved (see page 24) please consider the steps on next page.



You can choose any individual row of the letters resp. digits. First letter is the way of information for number 1 (red key), the second letter is for the number 2 (green key) and the third letter is for the number 3 (blue key). SMS with low battery alarm and status alarm will be send only to numbers assigned as „**S**”

C means calling the accordingly number in alarm situation for max **3 minutes**.

S means sending an SMS to the accordingly number in alarm situation.

0 means that the accordingly number wont be informed in alarm situation.

C = letter

S = letter

0 = zero (not a letter)!

This command allows you to install further three numbers to be informed per SMS in alarm situations. That means, totally 6 numbers can be informed. First three numbers, please see on previous page, and for the further three numbers, please consider the following steps:

SET (space) **SMSALARM** (space) **101**



Now the numbers are activated/deactivated.

As you have saved these three SMS numbers yet (see page 24), you can activate or deactivate them. That means you can choose if they should also be informed in alarm situation or not (the information can only happen per SMS, calling in this function is not possible).

1 means that the accordingly number will be informed.

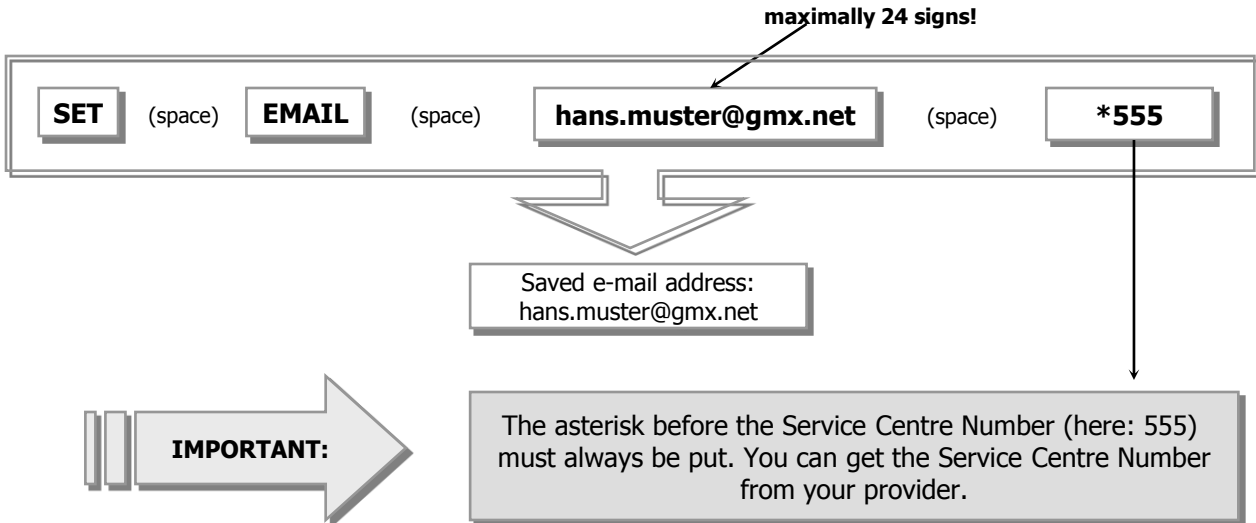
0 means that the accordingly number wont be informed

Notice: When all numbers in **SET** (space) **ALARM** are set as „C“, SMS with low battery alarm will not be send. SMS with low battery alarm and status alarm will be send only to numbers assigned as „S“ in command **SET** (space) **ALARM** or „1“ in **SET** (space) **ALARM**.

Compact II as an alarm system

How will I be informed in case of an alarm? 2/2

You can also be informed in alarm situation by e-mail. For this purpose you need an e-mail receiver to be informed in case of an emergency. This is useful if, for example, your daughter is to be informed, however she is in the office all day, so a message is more suitable by e-mail, since she may not use her mobile phone during the day, or does not have her own one. For saving the e-mail address, please consider the descriptions below.





Command "SET (space) CARE (space) AA (space) BB (space) CC (space) DD"

The command **SET (space) CARE** is a quite important function, which puts the Mobi-Click at the owners disposal. You can determine at which times (max. 4 clock times) you would like to hear a peep tone.

Enter to the following command that you can save: **SET (space) CARE (space) 08 (space) 12 (space) 16 (space) 20 .**

Now you will hear a peep tone at 08:00, 12:00, 16:00 and 20:00 o'clock. As soon as this sounds, you must immediately press any key to confirm that you are well. For example, the emergency centre or your dearest ones can always ensure that everything is all right. The device sounds long peep tone within one minute, which you must confirm by pressing any key immediately. In the case that you do not press any key, Compact sends a notification of emergency to suitable numbers (depending upon the stored numbers) automatically. So the necessary measures can be initiated.

- ▶ Please remember the spaces between words when composing commands
- ▶ **e.g. SET (space) CARE (space)...**
- ▶ Single digit numbers, e.g. 1, 2, 3, 4, are to be written as follows: 01, 02, 03, 04, etc.
- ▶ For midnight use 00 (not 24!)

For the use of the command **SET (space) CARE**, the time in Compact II must be set. This happens by sending a simple command: **SET (space) TIME (space) 13 (space) 45**

The time would be set to 13:45h then.

Compact II as an alarm system

Security zone and localization of people or objects

By use of Compact II a protected zone can be defined, (e.g. the areas in which the user is most often present). In principle Compact II stores automatically and permanently the last 28 zones you crossed with Compact II in a table. How you have to save these zones, please see below:

SET

(space)


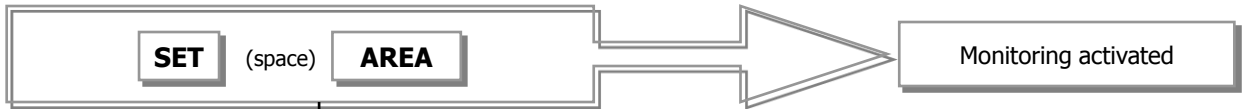
ZONE

Defining protected zones.

This command you must send to Compact II by crossing of protected zones that you want to save in the table. You can save up to 28 zones. It can happen that not all cells can be reached immediately in the learning process (you should cross them by car) of the security zones because some cells are working to capacity at the moment and therefore the cells cannot be registered by the device. That is why it is recommended for urban areas to cross a security zone slowly or more than once if possible. This allows for every possible cell to be registered by Compact II. To stop the registering of the zones, you only have to send the command TEST (space) ZONE as SMS to Compact II (further information, see next page).



Activation of SET ZONE



This command activates all zones (max. 28 zones). During the activation you can see, where the present location of the protected object or person is.

Special function:

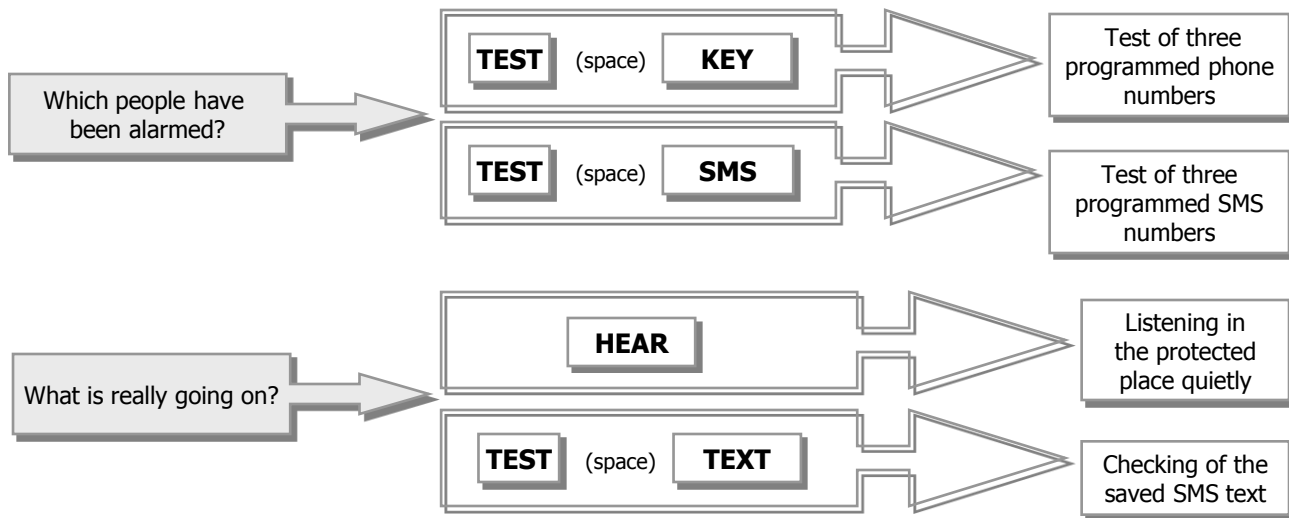


By use of this command you have the possibility to check the present location of Compact II. This feature is named as Cell Broadcast and is dependent on GSM operator, which not always allows the user to gain benefits of it. Ask your SIM provider or your present GSM operator about support for that feature.

What should I do in case of an alarm?

KEEP COOL!

An alarm message has always to be taken seriously! Keep cool in any case and consider your next steps exactly:



Protection of privacy is the constitutional right of citizens of many countries. Therefore the Mobi-Click device shouldn't be used for unauthorized monitoring purposes!



Now you know, who has been informed.

After you have sent this command, Compact II will call you quietly!
Important:
do not hang up, you can listen in the alarm place!

If you might have more devices of Compact II in your family, it is recommended to send this command to get more information about the present person in the alarm situation.

Functions of different sensors

Which sensors should I choose in alarm situations?

For every single sensor that is integrated in Compact II, you can choose a personal text, which can consist of maximally 21 signs (see also page 27). See descriptions below for various sensor functions:

SET (space) **VOICE** (space) **1-10** 1 – formerly LOW,
5 – formerly MID,
10 – formerly HIGH

Acoustic sensor (microphone):
The hyper-sensitive microphone reacts on voices or sounds in the monitored room.
You can choose between 1 and 10, whereas 10 is the most sensitive setting.

SET (space) **MOVE** (space) **TEXT** (space)

Motion sensor (PIR):
Registers every move within a distance of up to 5 meters. Put your Mobi-Click device with the sensor in direction of the corridor or the door, but never in direction of the window.

SET (space) **VIBRA** (space) **TEXT** (space)

Vibration sensor:
Reacts on smallest vibrations and is suitable for monitoring of vehicles of each kind.

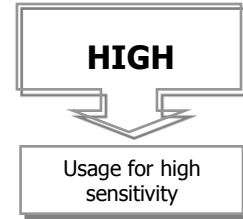
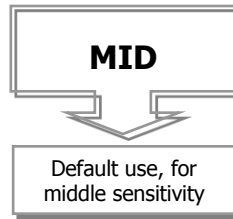
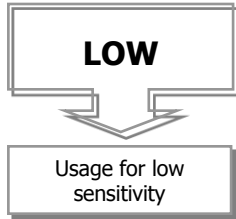
SET (space) **ALL**

All sensors are activated at the same time.

A combination of sensors is also possible, e. g. **SET** (space) **VIBRA** (space) **MOVE**.
If you wish to deactivate sensors again, please send e. g. **RESET** (space) **VOICE**, **RESET** (space) **MOVE**, **RESET** (space) **VIBRA** or **RESET** (space) **ALL**.

How do I set the sensitivity of sensors?

All sensors integrated in Compact II are set by default optimally for every monitoring situation. The sensitivity can be adjusted with a simple command and so that it can be set more or less sensitive. Choose one of sensors by use of the presentation on the opposite page and complete it with a further command, which influences the sensitivity.



or any other sensors (see previous page)

for example: **SET** (space)

VIBRA (space)

HIGH

Sensitivity of the vibration sensor set to high.

By use of the command **SET** (space) **VIBRA** you can detect movements or vibrations of the device. After the device has recognized this command, this function starts within 10 seconds and vibrations will be detected with the selected sensitivity. During these 10 seconds you have the possibility to put the device at any place, if possible in **horizontal** position, without causing an alarm. In case of an alarm numbers will be informed. To avoid setting off of an alarm by the device every second when it is moving, there is a time of approx. 7 minutes between the alarm events.

Functions of different sensors

How can I detect the disappearing of vibrations?

By use of the command below you can detect if the vibrations of the device disappear, decrease or they appear at intervals. As soon as the device recognizes this command, this function starts within 10 seconds and vibrations will be detected with the selected sensitivity. During these 10 seconds you have the possibility to put the device at any place and in any position without causing an alarm. The usage is as following: As soon as the device recognizes that there is no more vibration, the timer is going to start. This timer is active until the device detects new vibrations. In this case, the timer will be reset and no alarm message will be set off. However an alarm will be set off, if no more vibrations will be detected during this timer action.

LOW

Usage for low
sensitivity and query
time of 5 seconds

MID

Usage for middle
sensitivity and query
time of 20 seconds

HIGH

Usage for high
sensitivity and query
time of 45 seconds

for example: **SET** (space) **REVERSE** (space) **HIGH**

Sensitivity set to high, query
time: 45 seconds

Warning actions of the device in case of vibrations

After the device recognizes this command below, this function starts within the next 10 seconds and vibrations will be detected with the selected sensitivity (LOW/MID/HIGH). During these 10 seconds it is possible to put the device at any place and in **horizontal** position without causing an alarm. In case of an alarm, alarm numbers will be informed. Additionally a time of 7 seconds is added to deactivate the alarm function. The idea of the protection is as follows: After the vibration sensor detects moving, the timer starts. The timer is active until there will be new moving. In this case a reset will be done and no alarm will be set off. If the timer reaches the configured time in the parameter (see description on previous page) (LOW/MED/HIGH) and no vibration is detected, three warning tones will be given. In case that the buttons will be pressed in the warning time, or if no vibration is detected (any time), the timer will be reset. If there is no more moving and the buttons are not pressed yet, the device begins to count a new period time. If there is further no moving, a second action warns: 6 warning tones will be given. If the buttons will be pressed during this warning action or if there is no moving detected, the timer will be reset. In case that there is no more detected moving and the buttons are not pressed yet, the device begins to count a new period time and if during this time no vibrations are detected, a third warning action begins: 12 warning tones will be given. After this third action, the Mobi-Click Compact II is causing immediately a warning message!

for example:

SET

(space)

GUARD

(space)

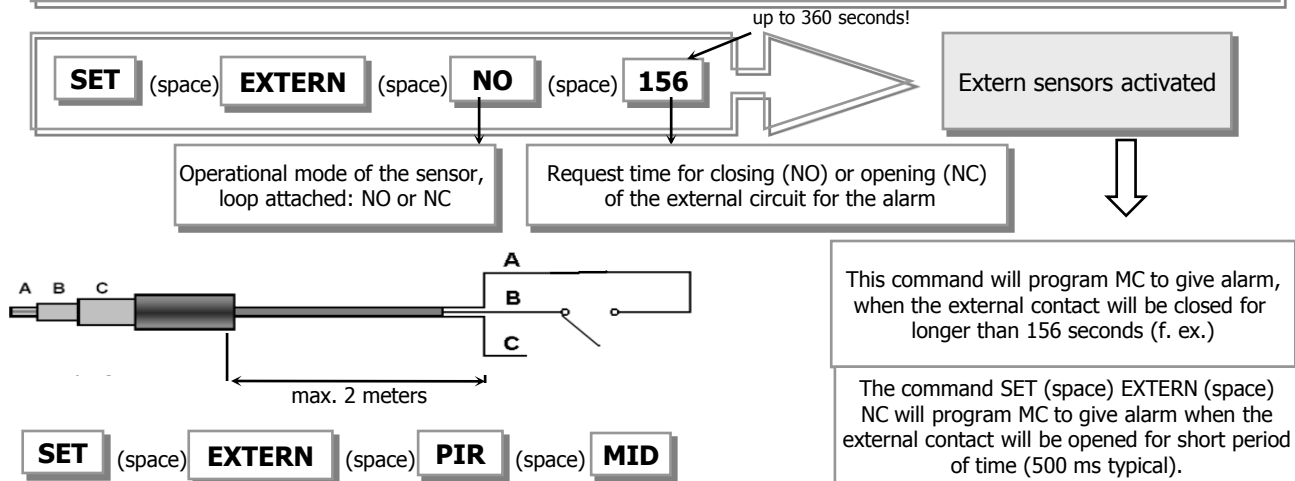
HIGH

Sensitivity set to high, time of investigation: 45 seconds.

Functions of different sensors

How can I connect external sensors?

You can also connect external sensors to Compact II. The connected sensor must operate with standards NO or NC. You can connect as well simple short/open detectors. The defined mode allows you to choice type of the external equipment between normally opened and normally closed. There is a time as well to redirect application to give alarm when the sensor is active for longer than programmed time. The time field must be left blank when you want to have immediately alarm for any sensor activity. Please find more information below.



This command will provide service of external motion sensor (infrared). In this mode only the external motion sensor will be activated. Sensitivity can be adjusted at three levels **low/mid/high**.

Note: Please use only original Compact II motion sensor. Switching off of the external motion sensor: **RESET** (space) **EXTERN**

Additional features of the device

PIN-code – how to protect against outside access?

By use of this function Compact II can be protected against outside access. The PIN-code consists of the word "**PIN**" and a code. The code is always 4-digit and cannot contain any signs, but just digits (e.g. "**1234**").

IMPORTANT:

If you have saved your own Compact II text responses, then all commands which you transmit to Compact II must have the same text and PIN-code at the end, e.g. „**SET** (space) **AUTO** (space) **#1234**". Without the code the command will not be fulfilled. If you forgot to attach the PIN-code or attached a false PIN, you get a message with "Access denied!". (To save costs, Compact II sends you this message only once).

for example:

SET PIN

<new pin> <old pin>

SET PIN 1234 #1513

During the change of the PIN code should be used in all the commands, e. g.: **SET** (space) **AUTO** (space) **# 1234** or **TEST** (space) **VIBRA** (space) **TEXT** (space) **# 1234**

ATTENTION!

Lost PIN-Code? What to do?

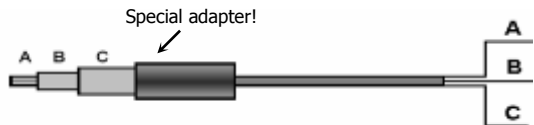
It is possible to do a general reset to factory default settings by starting Compact II in alarm mode (see page 48). This will also reset all settings and the PIN-Code.

PIN lost recovery procedure: Switch the device OFF, remove SIM card, take SIM card with the PIN code 1513 or another SIM card, insert the SIM card again, press red, green and blue keys , switch the device ON. After a long beep the device can be started again.

Additional features of the device

How can I control external device?

By use of Compact II you can also control some external devices for example camera, light relay. There is only one condition: device must have digital input. For this purposes it is possible to use external port connector. Please find more information below.



A – Voltage Supply
B – Signal (normal **1**)
C – Ground

Please do NOT use external connector for device, which current consumption is over 15 mA, because of battery life time!

SET

(space)

RELAY

This command will set low state (logic **0**) on signal line marked as **B** on scheme.

RESET

(space)

RELAY

This command will set high state (logic **1**) on signal line marked as **B** on scheme.

External device controlled by Compact II can be also combined with sensors build into Compact II like move, vibra or voice. When sensor is armed the state on signal output will change to logic **0** and activate external device.

SET

(space)

RELAY

(space)

ALARM

(space)

14

Desired operation time of the device (for example video camera).
Range is from 1 to 180 minutes!

Note: **SET** (space) **RELAY** and **SET** (space) **RELAY** (space) **ALARM** can work parallel. External device will work when relay alarm clock will count down (after sensor was armed) or relay was activate manually by **SET** (space) **RELAY**. When relay alarm time is out and **SET** (space) **RELAY** was sent external device works still before you send **RESET** (space) **RELAY**.

How can I operate an external device? / How can I monitor temperature variation?

To reset controlling of an external device by Compact in alarm situations, please send **RESET** (space) **RELAY** (space) **ALARM**.

RESET

(space)

RELAY

(space)

ALARM

Notice: If relay function is active, external sensors like EXTERN PIR or EXTERN NO or EXTERN NC can't be used.

The temperature range of the sensor is from -40°C to +100°C. If the minimum value or maximum value is exceeded, an alarm message will be sent to all stored telephone numbers. For settings please use following command:

SET (space) **TEMPERATURE** (space) **<temp1>** (space) **<temp2>**

Temp1 = lower limit

Temp2= upper limit

The value of „Temp2“ must be higher than „Temp1“.

Example: **SET** (space) **TEMPERATURE** (space) **-5** (space) **+35**

By temperature lower than -5°C or higher than +35°C Compact II will set an alarm off.

The adjustable range is from -40°C to +100°C.

If it is set as "Temp1" = -40°C, the lower limit will be turned off.

If it is set as "Temp2" = +100°C, the upper limit will be turned off.

If the value of "Temp1" is higher than "Temp2" there will also appear an error.

Deleting of the set limits

To delete the set limits please use the command: **RESET** (space) **TEMPERATURE**


Testing of settings

To test settings regarding temperature please use the command: **TEST** (space) **TEMPERATURE**

Additional features of the device

How can I change quantity of alarm notifications and time?

Frequency of appearing alarms can be customized. This function is useful especially, when the user wants to reduce the number of notifications. In case of an alarm Compact sends a notification. If a certain sensor is still active, further alarm notifications will be sent, e. g. when a person still moves in move sensor area. The second notification can be defined by use of the time designation.

SET (space) **IDLEALARM** (space) **15**  from 0 to 99 minutes!

Next notification about releasing active alarm will be sent after 15 minutes.

Notice: This setting refers to only the alarm function!

Additional features of the device

How can I change the duration of eavesdropping?

There is a possibility to hear silently, what happens in the monitored room by use of the HEAR function. Eavesdropping in the standard mode lasts up to 3 minutes and afterwards Compact interrupts eavesdropping. However there is a further possibility to change the eavesdropping mode to unlimited. To do this please send following commands:

Unlimited eavesdropping of the room

SET (space) **LONGHEAR**

Changing of the eavesdropping mode in unlimited time.
Afterwards a further command:

HEAR

Shortly after Compact will call you back to your telephone number. Eavesdropping is unlimited in time until you will decide that you would like to interrupt it.

To return to standard eavesdropping mode please send following command:

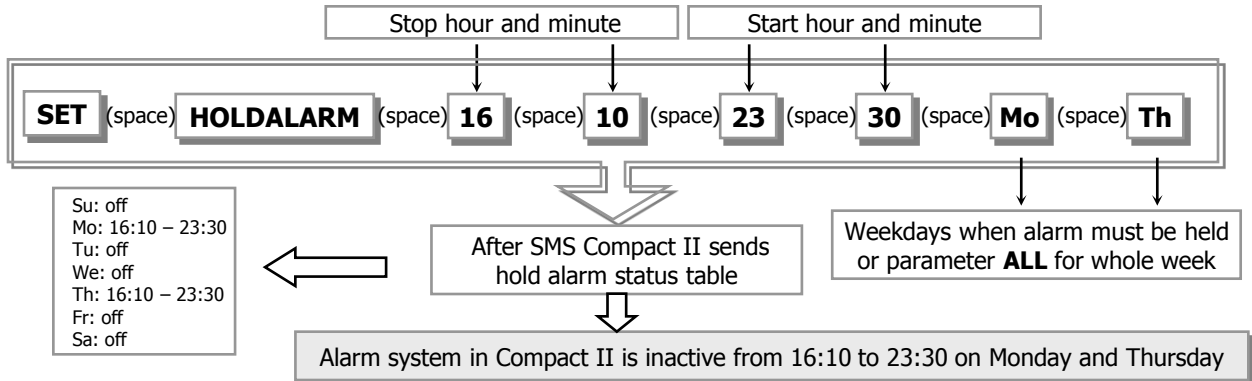
RESET (space) **LONGHEAR**

Changing of the mode in standard
All outgoing calls made by use of Compact last up to 3 minutes and will be interrupted afterwards.

Additional features of the device

How can I activate the alarm at a definite time?

Active alarm can be hold in any time for definite time and weekday. When any of sensors is active (see page 17, 26, 38, 39), command **SET** (space) **HOLDALARM** causes holding alarm system from the time between first and second parameter (stop hour and minute) and the time defined by third and fourth parameter (start hour and minute). In addition it is possible to set, on which weekdays an alarm must be hold (week schedule).



Notices:

- Any changing of active sensor by pressing button (see page 17) or sending message, e. g. **SET** (space) **AUTO** (see pages 26, 39) will not cause cancel hold alarm table for alarms.
- To test hold alarm table please send SMS: **TEST** (space) **HOLDALARM**
- Hold time for alarms could be delayed max. 1 minute.

Please set clock and date in the device before (see page 29)

Additional features of the device

How can I programme the monitoring time, when the time starts after midnight?

Restaurant No. 1

end hour and minute start hour and minute

SET (space) **HOLDALARM** (space) **05** (space) **30** (space) **02** (space) **00** (space) **ALL**

Monitoring time everyday from 02:00 to 05:30

Restaurant No. 2

end hour and minute start hour and minute

SET (space) **HOLDALARM** (space) **07** (space) **00** (space) **02** (space) **00** (space) **ALL**

Monitoring time everyday from 02:00 to 07:00

Restaurant No. 3

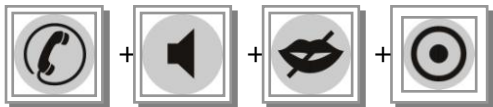
Mo: 01:00 to 24:00 Uhr
Tu : 00:00 to 08:00 Uhr
We: 03:00 to 08:00 Uhr
Th : 03:00 to 08:00 Uhr
Fr : 03:00 to 08:00 Uhr
Sa :03:00 to 08:00 Uhr
Su :03:00 to 08:00 Uhr

On day
SET HOLDALARM 08 00 03 00 We Th Fr Sa Su
SET HOLDALARM 00 00 08 00 Tu
SET HOLDALARM 01 00 00 00 Mo

At night
SET HOLDALARM 08 00 03 00 We Th Fr Sa Su
SET HOLDALARM 08 00 00 00 Tu
SET HOLDALARM 00 00 01 00 Mo

Additional features of the device

Return to factory settings



Reset System: When the device is switched off please press red, green and blue keys and switch the device ON at the same time. After a long beep the device settings is erased.

The same could be done by SMS with special service command

RESET (space) **SYSTEM** (space) **12345678**



The simplest way to reset a function, is to send a SMS message to Compact II, which consists of the word RESET instead of the word SET. This you can use for any stored functions to reset them. Please see the following examples:

RESET BABY

RESET HOME

RESET GUARD

RESET TEXT

RESET AUTO

RESET REVERSE

RESET EMAIL

RESET NAME

RESET VIBRA

RESET SMS
SMS, SMS2, SMS3

RESET AUDIO

How can I test if everything is set correctly?

General information:

To test the savings, always write the word TEST instead of known words SET or RESET. After sending a text message, you will get a message, which contains information about the present status of the device. You can also send directly TEST (space) STATUS. Below please find examples:

TEST MOVE
TEXT

TEST EXTERN
TEXT

TEST KEY

TEST NAME

TEST TIME

TEST STATUS

TEST EMAIL

TEST VIBRA

TEST SMS

TEST AUDIO

Safety information

Mobi-Click Compact II was produced by keeping to the strict manufacturing and quality controls. Thus your device works correctly and to prevent that the guarantee expires, there has to be considered the following security councils:



Take care of your Compact II.



Mobi-Click is full of electronics and sensitive sensors. Therefore do not drop Compact II, do not expose Compact II any hard hit as the electronic printed Circuit board could get any defect because of this.



Moisture, heat or cold could influence the perfect work of the device strongly and lead to damages.



Do not try to open Compact II device. Thus you damage the housing and you loose the guarantee services.

Temperature range:	working range –10°C to +55°C saving range –25°C to +80°C
Weight:	78g (including battery)
Dimensions:	106 mm x 38 mm x 19 mm (LxWxH)
Operating Voltage:	3,45 Volt to 4,2 Volt (nominal 3,6 Volt)
Recharge time:	approx. 40 Min. (for a fully discharged battery)
Standby-Time:	up to 200 hrs. (telephone mode) up to 160 hrs. (monitoring mode)
Module:	Wavecom Q24
Battery:	BAK 063448S2 Lithium Ion
Talk time:	up to 120 min.
SIM-Card:	3 Volt
Frequency band:	EGSM900 (880 to 960 MHz) DCS1800 (1.710 to 1.880 MHz)
GSM-Class:	Class 4 (2 Watt) as per EGSM900 Class 1 (1 Watt) as per DCS1800
Data Service:	SMS

Mobi-Click is designed to the following standards:

GSM 03.03: "Digital cellular telecommunications system (Phase 2+); numbering, addressing and identification". Version 6.6.0.

GSM 03.13: "Digital cellular telecommunications system (Phase 2+); Discontinuous Reception (DRX) in the GSM system". Version 6.0.0.

GSM 04.02: "Digital cellular telecommunications system (Phase 2+); GSM Public Land Mobile network (PLMN) access reference configuration". Version 6.0.0.

GSM 04.03: "Digital cellular telecommunications system (Phase 2+); Mobile Station- Base Station System (MS-BSS) interface Channel structures and access capabilities". Version 6.0.0.

GSM 04.04: "Digital cellular telecommunications system (Phase 2+); Layer 1 General requirements". Version 6.0.0.

GSM 04.05: "Digital cellular telecommunications system (Phase 2+); Data Link (DL) layer General aspects". Version 6.0.1.

GSM 04.07: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface signalling layer 3 General aspects". Version 6.5.1.

GSM 04.08: "Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3 specification". Version 6.11.0.

Declaration of Conformity

We, **MOBI_CLICK AG; Pfad 1 A; CH-6330 Cham/ZG**

declare under sole responsibility that the product:

Mobile Phone and Security System Mobi-Click Compact II (suitable for GSM/E-GSM 900 MHz and PCN 1800 MHz)

To which this declaration relates, 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 has been tested against the following standards:

EN 301 511	Harmonised Standard for Mobile Stations in the GSM900/1800 Bands
EN 301 489-01	Electro Magnetic Compatibility Standard for Radio Equipment and Services
EN 301 489-07	Specific (EMC) Conditions for Mobile Radio Equipment, GSM 900/1800
EN 60950/IEC 950	Safety of Information Technology Equipment
EN 50360	Product Standard to demonstrate the Compliance of Mobile Phones with the Basic Restrictions related to Human Exposure to Electromagnetic Fields
EN 50361	Basic Standard for the measurement of Specific Absorption Rate related to Human Exposure to Electromagnetic Fields from Mobile Phones
1999/519/EC	Council Recommendation on the Limitation of Exposure of the General Public to Electromagnetic Fields

The product is marked with the CE marking and Notified Body number according to the Directive 1999/5/EC: Identification mark: CE 1466

Place of Issue: Cham/ZG

Date of Issue: 30.05.2005

