

We protect people

SafetyTracer manual

Mopas BT

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Introduction

Thank you for using the SafetyTracer system. We have developed this application with the utmost care to enable you to sound the alarm when necessary. Unfortunately, despite all the precautions, you can end up in a situation where you are in need of help. SafetyTracer helps in such situations. You simply inform others and thus call in help. This manual has been prepared with the utmost care. If, in spite of this, there are imperfections or if you have other improvements or remarks, please let us know.

1. Functions and features



2. Safety instructions

Read these safety instructions and user manual carefully before using the Mopas BT. Save this user manual to consult it if necessary.

Information

Follow the safety instructions in this manual. If there are any questions or ambiguities, you can contact your supplier with your question. General information can be found on www.safetytracer.eu.

Safety precautions

For the correct and safe installation and use of the Mopas BT, it is essential that you follow the generally accepted safety measures in addition to the additional safety information in this manual. Additional warnings and safety notes, if applicable, are included in this manual. Warning and safety texts and / or symbols have been placed on the equipment if necessary.

Liability

SafetyTracer BV reserves the right to change data and / or specifications of any device or software mentioned in this publication without prior notification. Despite all the care that is devoted to the correctness of this publication, SafetyTracer BV is not liable for damage caused by incorrect use or contempt of this publication.

Important safety instructions:

- Read all safety instructions and manuals carefully before proceeding to use.
- Save all safety instructions and manuals for future reference.
- All warnings on the equipment and in the manuals must be followed because of personal safety.
- Never clean the Mopas BT with liquid detergents or cleaning agents from an aerosol dispenser, but use a damp cloth to clean.
- Do not connect any equipment other than the equipment recommended by SafetyTracer. Deviating from the recommendations may lead to malfunctioning of equipment and systems.
- Do not place the equipment without extra protection in humid environments or outdoors if it is not explicitly stated that the device has been designed for this purpose.
- Do not expose the equipment to extreme temperatures or humidity.
- Do not expose the equipment to strong magnetic and electromagnetic fields.
- Do not place the equipment on an unstable or vibrating surface.
- Do not place heavy objects on the equipment.
- Avoid strong shocks during transport.
- The equipment may only be supplied with a power supply in accordance with the equipment specification.
- By opening or removing housing, live parts can be touched.
- Do not attempt to maintain or repair the equipment independently. Maintenance and repair work must be carried out by suitably trained and qualified personnel.

3. Use

Before the Mopas BT can be used, please follow the steps below.

Charging

Before the first use, the Mopas BT must be fully charged.

There are two ways to charge the Mopas BT:

Charging with micro USB cable

Insert the micro USB plug of the adapter at the bottom into the Mopas BT. Then plug the adapter into the socket.

Charging with home beacon

Place the Mopas BT upright on the charger (Figure 3.1).



Figure 3.1

Battery status

The LED ring will light blue when the battery is almost empty. The Mopas BT will last for about two more hours after the LED ring lights up blue. Within these two hours the Mopas BT needs to be charged. The Mopas BT can be charged as described above. After about two hours, the Mopas BT is fully charged and ready for use. If the Mopas BT has become too hot, you must reset the device by charging it.

4. Alarm

You make an alarm by pressing the alarm button. The alarm button must be pressed for two seconds to activate the alarm. To confirm that you have made an alarm, the LED ring will flash red. During the red flashing you have the time to cancel an alarm with the cancellation button. If you do not cancel the alarm you have made, the LED ring will light red, indicating that the alarm has been sent. If the alarm is accepted and dealt with by a responder, the LED ring goes out and the Mopas BT goes back to rest.

As long as an alarm is not accepted and handled by a rescuer, the Mopas BT remains in alarm. No new alarm can be made in this alarm phase.

The alarm is sent from the Mopas BT to the SafetyTracer Cloud Monitoring System, which then forwards it to the responder(s). The responder can then set up a speak / listen connection with the Mopas BT. A conversation can then be held as with a normal telephone. If the responder calls the Mopas BT, a call is immediately established.

A call between the responder and you is only possible if you have pressed the alarm button. In all other cases no telephone contact can be made with the Mopas BT.

Turn off alarm

Is there a false alarm? For example, because the alarm button was accidentally pressed? Then cancel the alarm during the time the LED ring flashes red with the cancellation button

Let op!
Als het alarm is afgehandeld, dan dient u de Mopas BT opnieuw op te laden

5. Status overview of the LED ring

The LED ring of the Mopas BT shows the status of the alarm transmitter. It consists of LED signaling in 3 colors: green, red and blue. Below is a description of the most common combinations.

LED	Beschrijving	Betekenis
Flashes green	Status Mopas BT	The green LED flashes every 30 seconds to indicate that the Mopas BT is operating correctly.
Flashes red	Pre-alarm	The alarm button is pressed, user still has the time to cancel the alarm in the event of a false alarm.
Constant red	Alarm	Alarm is final and is sent to the responders.
Constant blue	Battery status	Indicates that the battery needs to be charged.

6. Connecting additional equipment

The figure below (Figure 6.1) shows which additional equipment may be connected. This equipment is available through the certified resellers of SafetyTracer systems. The procedure for connecting this equipment is described in a separate manual.



Figure 6.1

7. Technical information

User interface	<p>Normal GPS (LED green, every 30 sec) Data communication (LED green, every 300 sec)</p> <p>With alarm Data communication (LED red)</p> <p>Battery low Data communication (LED blue)</p>
USB interface	USB 2.0 compatible
USB voltage	min. 4.45, nom. 5.0, max. 5.25 VDC
USB power	min. 200, nom. 500, max. 900 mA
GSM/GPRS	1-4 band, quad band preferred
Reporting interval to server	10-3600 s via GPRS
A-GPS location accuracy	5-15 m

Battery	Voltage 3,7 VDC Lithium-ion
Charging	Micro USB cable Home beacon with charging function
Charging time	2-4 hours when charging with at least 0,5 A
Mechanical	Weight: 70 grams Dimensions: 91.5 x 53.5 x 21.5 mm
Operating temperature	0 to 35 °C
Neck cord	Plastic snap closure with breaking point at 2.5 kg pulling force
Approval	According to CE guidelines
Manufacturer	AME in Eindhoven, the Netherlands

8. Functions & technical specifications home beacon

The main function of the Mopas home beacon with charging function is to charge the Mopas BT that is placed in the charger. The Mopas home beacon with charging function is only suitable for the Mopas BT.

User interface	Charging Red LED Charging done Green LED
Mechanical	Dimensions: 75 x 75 x 78.2 mm
Approval	According to CE guidelines
Manufacturer	AME in Eindhoven, the Netherlands