

## **Soneco MC2**

### **USER'S MANUAL**

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Published June 2006  
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This manual is intended for Soneco MC2 under production at the moment of the writing of this document.

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***Purpose of Use:***

The Soneco MC2 is a compact device that operates on the GSM network. The Soneco MC2 can be used to send an SOS alarm by SMS message to one or two preprogrammed numbers simply by pressing one function button.

SMS messages can also be sent via GSM networks abroad, provided that the foreign operator has made a communication connection agreement with the GSM operator of the Soneco MC2.

***Before You Begin:***

Make sure the package contains the following:

- Soneco MC2 device and strap
- Soneco 4300 P battery charger
- User's manual

***Preparation for Use:***

Before you can begin using the Soneco MC2, a personal SIM card without a PIN code request must be installed in the device and the battery must be charged.

SIM card insertion:



Press the eject button to open the SIM card tray.



Insert the SIM card into the tray and push the tray all the way into the Soneco MC2

**NOTE! The power has to be turned off before the SIM card is inserted!**

**Quick Guide:**

- i. Turn on the Soneco MC2 by pressing the function button until the yellow indicator lamp begins to blink.

(Unless you want to program numbers into the device, go directly to step iv.)

- ii. If no numbers have been programmed into the Soneco MC2, it will automatically enter the number programming mode. If you want to change previously programmed numbers, press the function button once when the blinking yellow lamp turns green.
- iii. Program the phone numbers (see Programming Mode) and press the function button once.
- iv. Wait for the green lamp to begin blinking once every two seconds to indicate that the Soneco MC2 is ready for use.
- v. Send an SOS alarm by SMS message by briefly pressing the function button.
- vi. Turn off the Soneco MC2 by pressing the function button until all three indicator lamps light at the same time. Then release the function button.
- vii. Remember to charge the battery according to the instructions.

**Charging the Battery:**

Charge the battery by connecting the plug of the charger into the charging connector of the Soneco MC2. If the Soneco MC2 is turned on, the yellow indicator lamp blinks once every two seconds while the battery is being charged. If the Soneco MC2 is turned off, the lamp blinks once every four seconds. The yellow indicator lamp will begin blinking twice every two seconds when the battery is fully charged. An empty battery normally requires two hours to become fully charged. The battery can be charged during all the operating modes of the device, but the indicator lamp does not blink to indicate charging during phone number programming or startup.

You can charge the battery overnight, since overcharging is prevented.

**NOTE!** If the battery becomes fully discharged, it usually needs to be pre-charged. Pre-charging of a fully discharged battery automatically begins when you connect the charger to the Soneco MC2. The yellow indicator lamp blinks once every four seconds during pre-charging. Pre-charging takes about an hour, after which normal charging will automatically begin. If normal charging does not begin after about an hour, disconnect the charger and then reconnect it to the Soneco

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MC2. If normal charging still does not begin after an hour of pre-charging, contact your dealer or an authorized service point.

### **Low Battery Warning:**

If the battery charge drops to 20 % of full charge, the Soneco MC2 will indicate this by rapidly blinking the yellow lamp five times in succession and emitting an audible signal (*bip*). This will be repeated once a minute until the battery is charged or becomes fully discharged. The device will also send a BATTERY 20% SMS message to the first programmed number.

### **Startup:**

Turn on the Soneco MC2 by pressing the function button until the yellow indicator lamp begins blinking and an audible signal is emitted. Release the button and wait for the green indicator lamp to light for a couple of seconds and then begin blinking once every two seconds. The Soneco MC2 is now connected to the GSM network.

If no phone numbers have been programmed into the Soneco MC2, see Programming Mode.

If you wish to change previously programmed numbers, you can enter the number programming mode by pressing the function button once while the green indicator lamp is lit after startup.

### **Programming Mode:**

When the Soneco MC2 is ready to receive a programming message, the yellow and green lamps will blink by turn.

Program the Soneco MC2 to send an SOS alarm by SMS message to one or two phone numbers. If one number is programmed, a message is sent to that number. If two numbers are programmed, the message is sent to both numbers.

Phone numbers are programmed into the Soneco MC2 by sending them to the device by **SMS message** in the format "<<<" number ">>>", without spaces:

**<<<+358XXXXXXX;+358XXXXXXX>>>**

**Note! Include all the above characters (also <<< and >>>)!**

**Example: <<<+358414319220;+358414319221>>>**

**or <<<+358500677555>>>**

The yellow lamp lights for about one second and the green lamp blinks when the Soneco MC2 is receiving an SMS message and saving it in its memory. When the numbers are saved the lamps begin to blink as they did before receiving the SMS message. The phone numbers are programmed only once (unless they need to be changed)!

After programming, press the function button once to enter the operating mode. If the content of the SMS message was incorrect, the Soneco MC2 will give an error indication (three audible signals and blinks of the red lamp) and return to the programming mode.

Before beginning to use the Soneco MC2 you should send a test SMS message to make sure the correct numbers are programmed into the device.

### ***Operating Mode:***

The Soneco MC2 automatically enters the operating mode after startup if no numbers are being programmed, and when the function button is pressed after numbers are programmed. The green lamp begins to blink once every two seconds to indicate that the device is ready send an SOS alarm.

If the Soneco MC2 loses its connection to the GSM network, it emits three consecutive audible signals and the green lamp begins to blink rapidly. Once the connection is restored the device will automatically return to the normal operating mode. If the device does not succeed in reconnecting within a few minutes, turn the Soneco MC2 off and then back on again.

### ***Sending an SOS Alarm:***

Send an SOS alarm by briefly pressing the function button. This causes the device to send an SOS alarm by SMS message to the programmed numbers. The green light is lit while the message is being sent, after which the Soneco MC2 will return to the operating mode.

**If the Soneco MC2 emits three audible signals and the red lamp blinks three times, one or both of the SMS messages were not sent successfully. You can try to send the messages again in the operating mode.**

### ***Turning off the Soneco MC2:***

Turn off the Soneco MC2 by pressing the function button until all three indicator lamps are lit. The device will emit an audible signal and the lamps will remain lit for about five seconds before the Soneco MC2 turns itself off.

**Warranty:**

Soneco Oy is not responsible for faults resulting from improper, incorrect or careless use of the Soneco MC2, connection of the Soneco MC2 to another device, or unauthorized opening or other modification or incorrect installation of the Soneco MC2. Neither is Soneco Oy responsible for a fault caused by inadequate mobile phone network operation or changes made to the mobile phone network.

**Warranty Terms:**

This warranty is valid in Finland, and it shall in no way limit the application of currently effective Finnish laws, such as consumer safety laws, to the purchase of this device.

Soneco Oy grants this device a twelve (12) month warranty. The warranty period begins on the day when the first owner gains possession of the device.

Soneco Oy or its authorized dealer shall repair or replace a faulty device at their own discretion.

This warranty does not cover normal wear or the carrying strap supplied with the device. Soneco Oy does not grant a warranty if this device is used contrary to this user guide, improperly, incorrectly or carelessly, if this device is connected to another device, or if this device is opened, modified or incorrectly installed. Neither is Soneco Oy responsible for a fault caused by inadequate mobile phone network operation or changes made to the mobile phone network.

If the user wishes to invoke the warranty granted by Soneco Oy, the user shall present a legible receipt of purchase to Soneco Oy or its authorized dealer. The user shall invoke the warranty regarding a fault discovered in the device during the warranty period within two months of the date when the fault was discovered or should have been discovered.

Soneco Oy is not responsible for any other user demands not connected to this warranty unless Finnish laws dictate otherwise.

The Soneco MC2 functions only on the GSM network when the network is in operation.





Use only the Soneco MC2's own battery charger to charge the battery. Using another type of battery charger will make this warranty void and may damage the Soneco MC2.

The Soneco MC2 is not waterproof. Do not allow it to get wet.

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The Soneco MC2 may be opened only by an authorized service person.

**Important information:**

	<p>Keep the Soneco MC2 turned off in the hospital and near health care equipment such as pacemakers and hearing aids. The device may interfere with the operation of such equipment. If you have a pacemaker, do not wear the Soneco MC2 around your neck.</p>
	<p>Keep the Soneco MC2 turned off when traveling in an airplane. Make sure the device is not turned on accidentally.</p>
	<p>Turn the Soneco MC2 off at gas stations, fuel or chemical storage areas, and blasting areas. The device may interfere with the operation of technical equipment.</p>
	<p>The Soneco MC2 device may cause interference near TVs, radios and computers.</p>

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**Technical Specifications:**

Phone network: dual-frequency GSM 900/1800 MHz

Antenna: integrated

Weight: 58 g without the strap

Dimensions: 64 x 41 x 23 mm

Battery: Li-Ion 600 mAh

Standby time: > 72 hours

Charging time: < 2 hours 100%

Operating temperature: -10 ... + 55 C (when charging, 0 ... + 45 C)

SIM card: 3.0 V

SAR: < 0.5 W/Kg

Operating voltage: 3,7 V

**Patented**

**CE0523**

**Declaration of Conformity:**

Soneco Oy hereby declares that the Soneco MC2 product complies with the requirements of European Council Directive 1999/5/EC.

