

**N** Bruksanvisning

**S** Bruksanvisning

**FIN** Käyttöohje

**DK** Brugsanvisning

**GB** User Manual

**NL** Gebruikershandleiding



# DEFA SilentAlarm

## CONTENT

To get started	p. 32
Messages	p. 32
Channels	p. 34
Activate alarm subscription	p. 34
Receive alarms	p. 34
Deactivate alarm subscription	p. 34
Example	p. 35
Turn ON the car heater system	p. 35
Turn OFF the car heater system	p. 36
Error Messages	p. 37
If the module does not work	p. 37

## DEFA SILENT ALARM

Congratulations with your DEFA SilentAlarm. You will now be able to use your mobile phone to receive SMS messages if your car alarm is triggered. You can also use the mobile phone to control the car heater system.

## TO GET STARTED

A mobile phone SIM card is placed in the DEFA SilentAlarm terminal to enable SMS communication with your mobile phone. You can select any type of mobile subscription, both ordinary subscriptions and pre-paid cards. If you go abroad and want to use the SilentAlarm, please make sure that the mobile subscription you select is valid in the countries you plan to visit. **Note!** Most operators have the SIM-cards secured with a PIN- code. This must be deactivated in an ordinary mobile phone before the SIM-card is installed in the module.

## MESSAGES

The DEFA SilentAlarm is operated by different Action Messages sent through SMS to its mobile phone number. The Action- and Response Messages you will send and receive are described in the table on p. 33.

***The Action Messages have the following syntax: <identifier> <command> <channel>***

All messages sent to the system must start with the <identifier>: "DEFA".

**IMPORTANT!** DEFA must always be written in capital letters. If this is not written correctly no response message will be received on your Action Message. The rest of the Action Message is not case sensitive.

The <channel> field is only relevant for alarm messages.

Action Message	Response Message	Description
DEFA SA on 1	SA on 1: INPUT 1: OK	Activate alarm subscription on channel 1
DEFA SA on 2	SA on 2: INPUT 2: OK	Activate alarm subscription on channel 2
DEFA SA on 3	SA on 3: INPUT 3: OK	Activate alarm subscription on channel 3
DEFA SA off 1	SA off 1: OK	Deactivate alarm messages on channel 1
DEFA SA off 2	SA off 2: OK	Deactivate alarm messages on channel 1
DEFA SA off 3	SA off 3: OK	Deactivate alarm messages on channel 1
	ALARM <channel>	Your car alarm has been activated!
<b>Action message for the car heater system without time specification</b>		
DEFA Heat on	Heat on: OK Heat is on	Turns the car heater ON
DEFA Heat off	Heat off: OK Heat is off	Turns the car heater OFF immediately
<b>Action message for the car heater system with time specification</b>		
DEFA Heat ?h?m	Heat ?h?m: OK	Turns the car heater ON for a selected time period. When the period is over you will receive the message: <b>Heat is Off</b>
DEFA Stop heat	Stop heat: OK	Turns the heater OFF when set with time period.

## CHANNELS

Three users can utilise the alarm system. The user must identify which channel (1, 2 or 3) he or she wants to use. Each channel shall be used by one, and only one, user. Other users are allowed to start utilising a channel already in use. In this case, the former user will stop receiving messages without any notice.

## ACTIVATE ALARM SUBSCRIPTION

If you want to receive car alarm messages:

Step 1: Send the following message to the DEFA SilentAlarm: **DEFA SA on <channel>**

Step 2: You will now receive the following message:

**SA on <channel>:**

**INPUT <channel>: OK**

## RECEIVE ALARMS

You will receive the following SMS message when the alarm is activated:

**ALARM <channel>**

## DEACTIVATE ALARM SUBSCRIPTION

If you are registered on one of the channels and want to stop receiving car alarms to your mobile phone:

Step 1: Send the following message to the DEFA SilentAlarm: **DEFA SA off <channel>**

Step 2: You will now receive the following message:

**SA off <channel>: OK**

**NOTE!** If the car change hands or the mobile number is changed, all three users that are registered must cancel their alarm messages before the old SIM card is removed from the module. If this is not possible register a new user on all three channels by following the instructions in paragraph “Activate alarm subscription”.

### EXAMPLE

Kent and June are sharing a car with a DEFA SilentAlarm. They decide that Kent will use channel 1 and June channel 2. Kent sends the command message: “**DEFA SA on 1**” and June sends the message: “**DEFA SA on 2**”. If their car alarm is activated, they will both receive a SMS message. Kent receives “**Alarm 1**” and June receives “**Alarm 2**”.

*If June sends: “DEFA SA on 1” to the DEFA SilentAlarm she takes Kent’s position. He will not receive any message the next time the alarm activates, but she will receive all messages.*

### TURN ON THE CAR HEATER SYSTEM

You can choose to turn on your car heater system with time specification or without.

To turn on the heater system without a chosen time period:

Step 1: Send the following message to the DEFA SilentAlarm:

Step 2: You will now receive the following message:

**DEFA heat on**  
**Heat on: OK**  
**Heat is on**

To turn on the heater system with a chosen time period (i this example 1 hour and 30 minutes):

Step 1: Send the following message to the DEFA SilentAlarm:

***DEFA heat 1h30m***

Step 2: You will now receive the following message:

***Heat 1h30m: OK***

Step 3: When the selected time period is over you will receive:

***Heat is off***

The TIME PERIOD must be a mix of numbers and format letters. The possible format letters are:

Letter	Description
h	Hour
m	Minute
s	Second

## **TURN OFF THE CAR HEATER SYSTEM**

In order to turn off the car heating system *without* time specification, send the following message:

You will receive the message:

***DEFA Heat off***

***Heat off: OK***

***Heat is off***

which confirms that the heating system is turned off.

In order to turn off the car heating system *with* time specification, send the following message:

You will receive the message:

***DEFA Stop heat***

***Stop heat: OK***

which confirms that the heating system is turned off.

## ERROR MESSAGES

If the identifier (DEFA) of the command message is incorrect, no response is received. If the command itself or the TIME FRAME (for the car heater) is incorrect, you will receive the response message, “**ERROR( Unknown Command )**”. Try to send the message again, but make sure it is correctly written.

If the car heater system is activated with time specification, for instance by the command: “**DEFA Heat 2h**” and you try to cancel it with the command: “**DEFA Heat off**” you will receive the following error message: heat off: “**OUTPUT1 LOCKED**” In this case it must be cancelled with: “**DEFA Stop Heat**”.

## IF THE MODULE DOES NOT WORK

Check if your SIM card is working and your subscription is still valid. If both the SIM card and the subscription is in order, contact the dealer or installation centre where you bought your DEFA SilentAlarm. If you use a pre- paid subscription control your balance frequently. The SMS function does not work if the subscription card is empty. Contact your operator if you have questions.



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