Demonstration procedure (example) of GAM (2)

This guide line shall help you to get an overview of the main features of GAM 2.
It's also useful to set-up GAM 1 - except of the Power Off function (GAM 2 only).
Further features are described in details within the manual.

- Please insert the **SIM card** into the GAM (2) module, before the device is powered on
- The **PIN number** of the SIM card have to be set to **1234** - please use your mobile phone to change the PIN if necessary
- **Power on** the device and wait until the GAM (2) is logged to the GSM network: The GSM LED will blink every 2 seconds
- All commands to the GAM (2) can be sent in upper and/or lower cases
- Several commands can also be sent in one SMS
- Please avoid any spaces, otherwise the command will be ignored

Demonstration	**Description and explanation** (The commands, which are sent to the GAM (2) within a SMS are written in <**blue**> The answers, which come back from the GAM (2) within a SMS are written in <**black**>)
Configuration	Send the following SMS to the GAM (2): <**An;**> The GSM alarm module store the SMS call number automatically and sends future events to this number (= administrator). The ERR LED stops blinking and a current status SMS are transmitted with the content: <**GAM (2) DI1:0 ....**> [If not, please check whether the "incognito" function of your mobile phone is turned off.]
Send an Alarm SMS	Connect the digital input DI1 to a signal for at least on second. The GAM (2) will send the following alarm SMS <**GAM (2) DI1:1 Alarm Input 1**>
Change device name	Send a SMS with the content <**Dvtxt:Heater;**> to the GAM (2). Now the GAM (2) is set to a different name. It will make sense to choose a name fitting to your application, e.g.: the heater
Control of the power supply	After switching off the device the SMS: <**Heater Power Off**> is sent. (only GAM 2) After switching on again, the following SMS is sent: <**Heater Power On DI1:0 ....**>. [If the digital input DI1 is still activated, the next alarm SMS will follow with the content: <**Heater DI1:1 Alarm Input 1**>
Change alarm text of input 1	Send a SMS with the content <**Ditxt1: Burner defect;**> to the GAM (2). If you activate the digital input DI1 now, the following alarm SMS can be received: <**Heater DI1:1 Burner defect**>

Switch the output for 15 sec	Please send now the SMS <**Dot:15;Do:1;**> to the device. The command <Dot:15;> causes an automatic reset of the output after 15 seconds. The command <Do:1;> will set the output DO (relay closes) - but due to the first command open again after 15 seconds.
Free Call Mode 2	Send the following SMS to the GAM (2): <**FCM:2;**> If you call now the GAM (2) with your mobile phone, the output DO will be switched for 15 seconds - without causing any costs for the phone calls! If you call again the GAM (2) within these 15 seconds, than the output is toggled, which means from 1 to 0 or from 0 to 1. If necessary, turn off the function Digital Out Time with the command <DOT:0>. Than the output will stay within the position after calling.
Telephone number list	If several persons should receive the alarm SMS, than send a SMS with the content: <**TN1:+49**{1. mobile number}**; TN2:+49**{2. mobile number}**;TN3:…;**> to the GAM (2) If you activate now the digital input DI1, the alarm SMS <**Heater DI1:1 Burner defect**> will be sent not only to the administrator, but also to the other participants listed in the telephone number list. These participants can also use the FCM and inquire the status of the GAM (2) now by sending the command: <**ST;**>
Automatic cyclic transmission of the status	Send a SMS with the content: <**Hb:1440;**> to the GAM (2). The device sends the status SMS to all the numbers entered in the telephone list every 1440 minutes (= 1 day).
Password protection	Send a SMS with the content: <**Pw:abcd;Pwe:1;**> to the GAM (2). The command <Pw:abcd;> causes an exchange of the password and the password protection itself will be enabled with the command <Pwe:1;> If you send now the SMS <St;>, there will be no reaction from the device. Only if you send the command <**abcd;St;**>, the device will send back the status SMS.
Reset the GAM (2) to the default settings	Please send the SMS: <**Reset;**> to GAM (2). As an alternative you can also turn off the device and turn on the device with the RESET button pressed. Keep on pressing the RESET button for 18 seconds until the ERR LED starts blinking once per second.