LeakSafe™ solutions
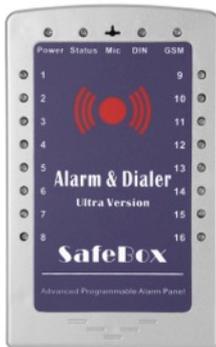
GSM Auto-dialer

User Guide

GSM COMPONENTS

GSM Autodialer   GSM wireless transmitter   Leak detection tape and connect cable

General

The **LeakSafe Safebox GSM Water Alarm** is designed to alarm if the Leaksafe leak detection tapes detect a water leak and immediately inform up to 4 designated response numbers via text alert or email.

Leak Alarms

If leak detection tape is in contact with water both the wireless transmitter and GSM dialer will sound an audible alarm for approximately 2 minutes and the LED on the alarm panel associated with the Zone that has alarmed will illuminate. A text message will be sent immediately to the Response Numbers.

The text alerts will come from 07860 021938 and will give the address and location of the wireless transmitter that generated the alarm. Example: Property Name Master Ensuite

Once the cause of the alarm is addressed the GSM system must be reset.

Resetting the GSM system after a Leak Alarm

1.   DISARM the system. Send a text to the dialer's mobile number as follows:
        1234BB (NB. "BB" must be capital letters)
(You will receive an acknowledgement text back from the GSM Hub to confirm it is disarmed)

2.   Then RE-ARM the system.   Send a text as follows:
        1234AA (NB. "AA" must be capital letters)

(You will receive an acknowledgement text back from the GSM Hub to confirm it is armed)

Daily Status Reports

In default the GSM Hub will also send a Daily Status Report to confirm that the unit is connected to the mains, that it is receiving a mobile signal and to confirm that the system is armed.   This text will read (as an example):

AC Power is ON   (The GSM Hub is plugged in and ON)
GSM Value is 19   (The GSM Hub has a mobile signal value 19)
Armed   (The GSM Hub is Armed and ready)
IMEI: 3512xxxxxxxxxxxx   (This is the mobile ID number of the SIM card installed)

To turn OFF Daily Status Reports text: 1234T00#

DO NOT UNPLUG THE GSM HUB FROM THE MAINS ELECTRICAL SUPPLY AS THIS WILL TRIGGER AN ALARM

If the GSM Hub is unplugged for more than 30 minutes, or there is a power outage at the property for more than 30 minutes, the designated response number will receive a text as follows:

AC Power goes OFF 30 minutes+

The GSM Hub has a limited integral re-chargeable back up battery that will run the Hub for a few hours. If the Hub is plugged back in to the mains electrical supply before the battery is exhausted, the response number will receive a text as follow:

AC Power goes ON

Resetting the GSM Auto-dialer if it loses the mobile phone signal

Occasionally, the GSM dialer that communicates over the mobile phone network can drop the phone signal if the signal in your area is not very strong, and the SMS text alert function is disabled until the equipment is rebooted. If the auto-dialler loses the mobile phone signal it will stop sending Daily Status Reports and will emit an audible alarm for a period after the signal is lost.

In this instance you will need to do a soft reset.

The steps are as follows:

1. If wall mounted, lift off the retaining screws or pull away from the Velcro strips. Unscrew the retaining screw on the bottom panel on the rear of the unit.

2. Locate On/Off switch on PCB (small brown slider switch just below red DIP switch block) and turn Off by sliding the switch to the right. Wait 30 seconds then turn back On.
When you turn On, the initializing sequence is as follows:

   a)   All the lights on the front of the panel will flash once.
   b)   Any programmed Zone LEDs will flash once.
   c)   The GSM LED will light. Whilst it is acquiring a signal, it will continuously rapid flash, when it acquires a signal it will change to a short flash. If it does not acquire a signal after approx. 10 minutes it will alarm.

If it does not acquire a signal, please move to a different location within the property and repeat steps 1 & 2 above.

3. Replace the bottom panel.

Maintenance

Replace the 9V batteries in any GSM Wireless Transmitters every 6 months.

Further information and FAQs are available at www.leaksafe.com/support.