MFNodeTrap_SMS,
User Manual

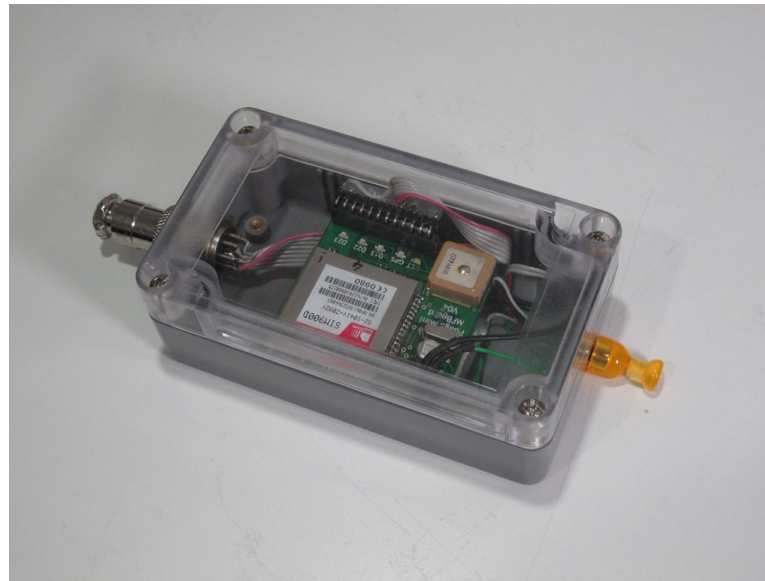## www.mfnode.com

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The Team

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MFNodeTrap_SMS

Device

- Device is designed to send SMS to "predefined GSM number", when magnet removed from "marked" area

- In order to avoid "in expected activities", also a "activation key" had been included

- Device also contains a charging capability for the internal battery from any USB source, but special cable is required

Capabilities

- It being activated, when "magnet removes" from marked area on the box

- It does not consumes any energy as long as "magnet" is placed or "security key" not inserted

- The box itself is water-resistive

- The GSM number and message can be changed (by customization)

Additional Parts – Security Key

- This key had been included, in order to avoid activation of the device when not required

- Unless that key inserted, device will never work

Additional Parts – Key Magnet

- This device had been designed to operate, when this magnet had been removed from marked area

- In fact, this item is ordinary magnet

- Any kind of magnet can be used to replace this key which is suitable for your needs

- But, "very strong" Neodium magnets SHOULD NOT be used and can damage the devices permanently

Additional Parts – Charger

- Charge device is 2 parts
  - Charge adapter
  - Special Charge cable

- When needed, any USB source (ie. USB port of notebook) can be used
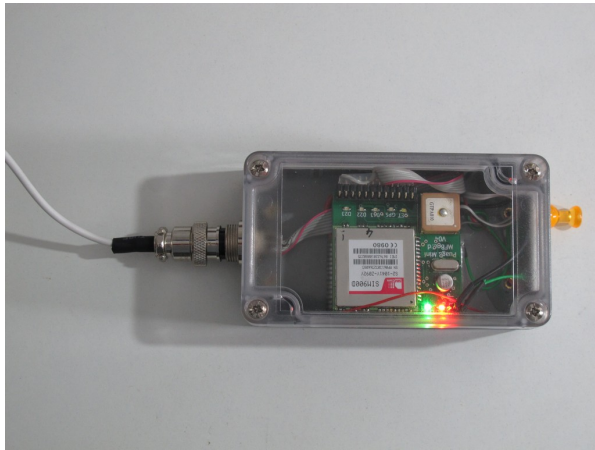
Important Notes

- When connection "Charge Cable" or "Security Key", be carefull to match "index" of both end

- Please try to use the charger supplied with device

- Please remove the "security key" , when device is not in use

- **Please monitor the device, when charge process in place**
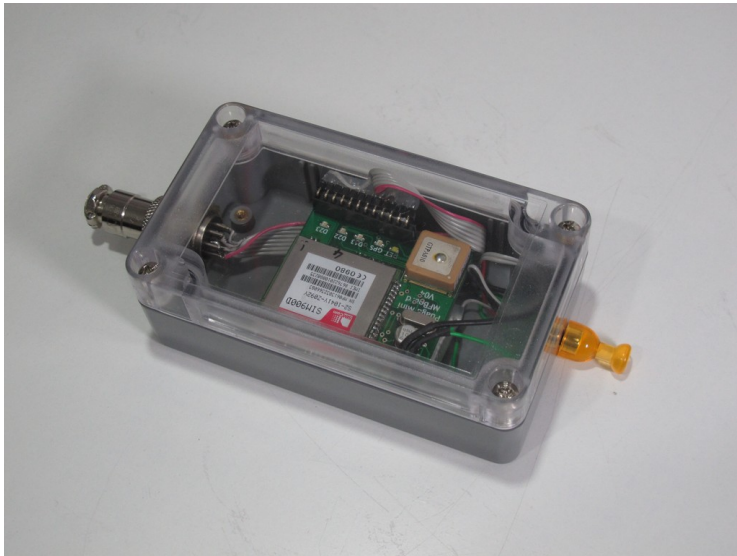
Usage of the Device

Charging the Device

- **Device can be charged as shown in photo**
  - Charge cable connected
  - Key Magnet in place
- The Red light will be on, when charging is started
- The Green light will be on as long as charge in place
- When battery is completely charged, Red light will continute to be ON but, green light wil be OFF

- **Please monitor the device, when charge process in place**

Usage of device on Trap

- To use device, security key should be inserted. Otherwise, device will not start to work, even "magnet key" removed
- When device is ready, there is no Light is ON (in order to preserve energy)
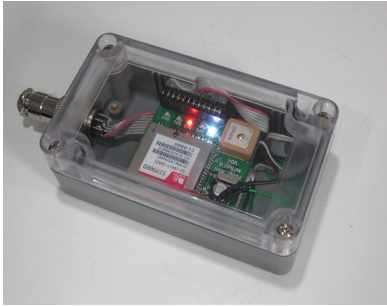
Usage of device on Trap -2

- When Magnet is removed from Marked area, device starts to work
- When device started to work, compination LED will show the process
- If everything is OK, device will send predefined SMS to predefined number
- Then device goes into "sleep" mode

Usage of device on Trap -3

- First, White LED will start to blink FAST
  - It shows that, GSM module is started

First "RED LED" will light
  - This shows, CPU is started

- Second "RED LIGHT" will light
  - This shows that, device is connected to GSM Network and preparing the SMS

Only 3rd "RED Light" will light
  - Shows that device sended SMS and in "sleep" mode

When "not in use.."

- It is sufficient to remove "security key" from the device
- It is better to have battery FULL even not in use

In case of a problem

Possible problems

- 1. 1st RED Led is on but White LED is not
  - Battery is emplty of faulty battery
    - **Please charge the device and try the device**
- 1st RED LED is on, but WHITE LED is blinking fast and 2nd RED LED is not on sönmeye devam ediyor ve 2. Kırmızı LED yanmıyor
  - Possible, GSM Network is weak or in valid SIM card
    - **Simplest test is to call the GSM number which is written at the bottom of the device. If device is reachable, GSM Network is OK**
- 1st RED led is ON, WHITE Led is blinking slowly but 2nd RED Led is OFF
  - Possible a "program error" in the device.
    - **Please remove and re-insert Security key**
- 1st RED led is ON, WHITE Led is blinking slowly but 2nd RED Led is ON and stay like this ..
  - Possible a "program error" in the device.
    - **Please remove and re-insert Security key, also please try again in a place with better GSM Recepsion**

Contact

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