

GSM ATOM

PROFESSIONAL GSM TRANSMITTER AND GPS LOCATOR



The device is intended for listening to calls from a room or a car over very long distance. The device operates on the principle of GSM network, and for its normal operation it is necessary to ensure a normal SIM card. The location where the device will operate must be covered by a GSM signal (check with a regular cell phone). The device has batteries that allow it to work autonomously for 10-15 days (depends on how much it is used per day, and on the strength of the GSM signal at its location).

Before inserting a SIM card into your device, you must deactivate the PIN number of that card depending on the type of cell phone, find the PIN DISABLE option in the menu or something similar - see the instructions for your cell phone.

Also, be sure that SIM card is activated, it need to be able to make and receive voice calls, and SMS messages

CHARGING AND STARTING INSTRUCTIONS:

1. Connect the device with the included cable to any USB charger and let the device charge until the

red light turn off. (approx. 3-4 hours).

2. Insert a NANO SIM card with a PIN deactivated in the SIM card slot. In doing so, make sure that the card is inserted in the correct direction (see the picture above).
3. Switch on the device by pressing the ON OFF button (hold it for about 3 seconds until the red light comes on)
4. The shutdown is made by long pressing the ON OFF button (hold it for about 10 seconds until the lights stop flashing and start to illuminate constantly, after releasing the button, the light will turn off).

INSTRUCTIONS FOR USING THE DEVICE:

1. The device has the security function of an administrator number. This means that if anyone other than the administrator dials this number, they will get busy line signal, they will not be able to access the device.

To activate your mobile number as an administrator number, send the following SMS from your mobile phone to the SIM card number on your device:

000# + 385951231234#

where instead of 385951231234 you will enter your mobile number in the international format exactly as it is written in the example.

Wait for an SMS response from the device: Administrator is saved.

You can now call the device's SIM card number from your admin number, and you will hear what's happening near the device.

When placing up your device, try to distance it as far as possible from the source of any noise and place it as close as possible to where the conversation you want to hear will be conducted.

2. The device has the ability to save battery in low power mode, be sure to switch on this mode every time you turn on the device. In low power mode, the device suspends all unnecessary processes, switches off the LED and goes into minimum power consumption mode. Only by activating this function battery can last for 10-15 days

To turn on low power mode:

Link#0

ACTIVATING ALARM FEATURES:

This model has the ability to alert you if it senses sound or vibration in a controlled area. Activation and deactivation of this function is done by sending SMS messages of the following content.

* voice activation function * (the device will call you when it receives sound in monitoring area) Activation: **333**, Deactivation: **555**

* vibration alarm function * (the device will call you when notice vibration) Activation: **777**, Deactivation: **555**

GPS LOCATION OF THE DEVICE:

The device has the ability to locate via GPS satellites and using LBS base stations. If it has visibility to GPS satellites, you will get the correct GPS location, and if the vehicle is in a garage or GPS inaccessible location, you will get an approximate LBS location through the GSM base stations.

To ensure the best possible reception of GPS satellites, turn the bottom of the device where the GPS antenna is ,up or leave it somehow free from metal obstacles. On the bottom is another microphone that will allow the device to have good sound reception.

Location Request: **999**

The device will return SMS with a link to google maps with exact (GPS) or approximate (LBS) location. In addition to the location, you will also get information about the battery charge status

DEEP SLEEP MODE:

Deep sleep mode is a way to dramatically extend device battery life when you don't need it. In the SMS command you will define period of time you want the device to turn off, and how long afterwards to turn it on again.

While the device is off, it consumes no battery at all, so theoretically in this mode the battery can

last for months.

While off, the device cannot receive any new command from you, nor can it be contacted in any other way, it is switched off until the sleep time you have set has expired, or until you physically switch it on with the ON / OFF key

This command is repetitive, the device will be ON / OFF at this rate until you cancel the function
Activation deep sleep mode :

pwonoff#0,0,10#0,0,2 (days, hours, minutes)

in command above, device will switch itself OFF within 10 minutes, and will switch ON again 2 minutes later.

In response to this command, device will write you the exact shutdown time and the exact switch-on time, please check it, and cancel function if anything is misunderstand.

You can only cancel the deep sleep command while the device is ON by sending:

pwonoff#0,0,0#0,0,0

TECHNICAL SPECIFICATIONS :

Dimensions: 40x28x14 mm

Weight : 30g

Battery life in sleep mode: 25-30 days (standby)

Battery life in deep sleep mode: 1 year

Battery life in voice recording mode: 30 hours

Microphone: MEMS with 3D

Antenna: 3G GSM integrated antenna

SIM: NANO SIM card

Memory: 16Gb