

ATOM 1200 4G

PROFESSIONAL GSM AUDIO ALARM AND GPS LOCATOR



The device is intended for listening and recording conversations from a room or a car over very long distances. The device operates on the principle of GSM network, and for its normal operation it is necessary to ensure a normal SIM card with VOLTE function enabled. 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 VOLTE 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 slide the ON OFF button to position ON, yellow LED will start blinking fast, when establish slow blinking state device is connected to 4G network sucesfully.
4. The shutdown is made by sliding the ON OFF button to position OFF.

LED	SOLID	BLINK FAST	BLINK SLOW	OFF
YELLOW (GSM)	INITIALIZATION	SEARCH FOR 4G OR SIM ERROR	4G CONNECTED	DEVICE OFF OR IN SLEEP MODE
RED (CHARGING)	CHARGING	---	---	BATTERY FULL

INSTRUCTIONS FOR USING THE DEVICE:

1. The device has the security function of an administrator (center) 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:

CENTER,A,091123456#

where instead of 091123456 you will enter your mobile number in the local format

Wait for an SMS response from the device: CENTER,A:091123456.

You can now call the device's SIM card number from your center (administrator) 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.

WORKING MODES:

Device have 3 working modes , you can switch between by SMS, please check in Table1 descriptions. WARNING If you switch to MODE4 device will SWITCH OFF and you will be unable to wake up by SMS or call, wake up from MODE 4 is possible only by shaking device or by switch OFF and ON by switch.

MODE1 and MODE3 are recommended

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

SENALM,ON,2#

to turn off this feature send sms:

SENALM,OFF#

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.

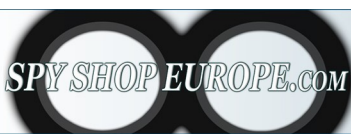
To ensure the best possible reception of GPS satellites, turn the bottom of the device where the GPS antenna is ,up or leave it somehow free from metal obstacles.

Location Request: **URL#**

The device will return SMS with a link to google maps with exact (GPS) location. If no current GPS fix, device will send last known position. If GPS is most important, use MODE1.

TABLE WITH ALL SMS COMMANDS FOR ATOM 1200 4G:

	FUNCTION	COMMAND	RESPONSE	REMARK
CENTER NUMBER	Add center number 1	CENTER,A,091123456#	CENTER,A:091123456	Instead 091123456 write your center number
	Add center number 2	CENTER,A2,099653421#	CENTER,A2:099653421	Add center 2, center 3,4 ,...
	Delete center number 1	CENTER,D#	CENTER Del OK	Delete center 1
	Delete center number 2	CENTER,D2#	CENTER2 Del OK	Delete center 2, 3,4,..
	Inquiry center number	CENTER#	CENTER,A: 091123456 CENTER,A2: 099653421	List all programmed center number(s)
WORKING MODES	MODE1	MODE1,180#	MODE1 OK	Mode suitable if GPS is important, device will try to find satellite fix every 3 minute, big battery consumption, GPS is high priority
	MODE3	MODE3#	MODE3 OK	Low power mode, device goes to sleep after , turn OFF GPS and LED, possible to wakeup by sms , call or vibration, low battery consumption, GPS is low priority
	MODE4	MODE4#	MODE4 OK	Power OFF mode, device will go OFF , unable to reach by SMS or call, wake up only by vibration, ultralow power consumption but not recommended
GPS	GPS location query	URL#	<02-20 22:45>http://maps.google.com/maps?q=+45.601862,+15.832383	Link with GPS location



Contact Us:
Tel. +385 51 673 400
Fax. +385 51 671 542

Mail:
info@spyshopeurope.com
sales@spyshopeurope.com

Beling d.o.o.
Franje Čandeka 23B
51000 Rijeka, Croatia
VAT No. HR 80249393012

VOICE	Allow voice monitor from any number	777#	automatic incoming call answering has been set	Allow voice monitor to any number
	Only center numbers can voice monitor	888#	automatic incoming call answering has been closed	Only center number(s) can voice monitor
ALARM	Turn ON vibration alarm	SENALM,ON,2#	SENALM:ON	Device will call and send SMS to center number when shake
	Turn OFF vibration alarm	SENALM,OFF#	SENALM:OFF	Turn OFF vibration alarm
	Inquiry vibration alarm settings	SENALM#	SENALM:OFF OR SENALM:ON	Inquiry vibration alarm settings
	Service details inquiry	CXZT	W07XXXXXXXXXXXXXXXXX:BT:4118	IMEI, IP and other service details, on the end find:BT:4118 which represent battery voltage in mV (3500 is min, 4200 is max battery)
	Back on factory default settings	FORMAT	FORMAT OK	Back on factory default settings

TECHNICAL SPECIFICATIONS:

BATTERY	LiPo 1200mAh
BATTERY DURATION IN VOICE CALL	20 HOURS
BATTERY DURATION IN STANDBY	10-15 DAYS
CHARGING TIME	4 HOURS
MICROPHONE	S/N : 70db, EXTERNAL MICROPHONE ON REQUEST
ANTENNA	4G LTE FPC INTEGRATED
GSM WORKING BANDS	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66
SIM CARD	NANO SIM CARD WITH VOLTE FUNCTION REQUIRED
DIMENSIONS	50X30X20 mm