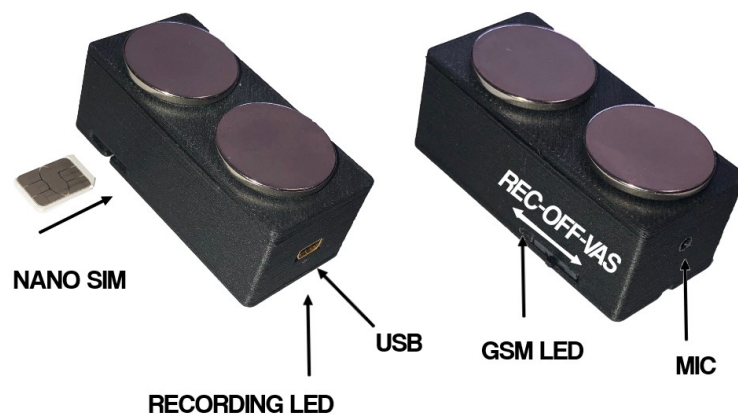


## **BURAN 500**

### **GSM audio bug - HQ voice recorder**



This 2in1 device is used for long-term HD recording and live GSM monitoring of sound in the room or vehicle.

### **Voice recorder module setup**

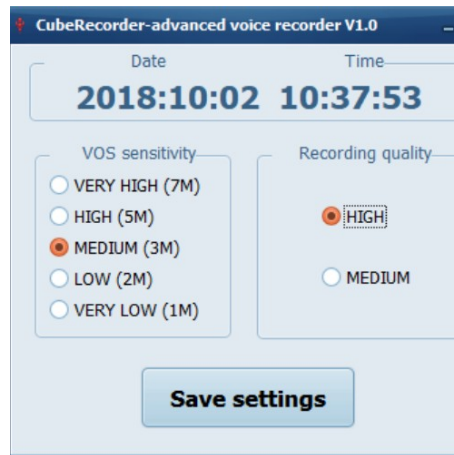
Battery life in recording mode is **75 hours**, and in sleep mode **1800 hours (2,5 months)**. It is equipped with the latest **POWER SAVE** technology, which allows it to go into "sleep" mode while there are no conversations nearby and consume almost no battery.

#### **Setting basic recording parameters using the built-in software:**

Using the supplied USB cable, plug the device into a USB slot on any computer, the red light next to the USB slot will turn on, and the batteries will begin to charge. Let the charging continue until the red light starts blinking, indicating that the battery is full.

At the same time, the device will be recognized on the computer as an external drive marked BURAN 500.

Open the folder, locate the setup.exe software, and open it:



Here you can change the parameters of the voice activation sensitivity, recording quality and synchronize the date and time on future recordings.

In the left column (VOS sensitivity), select the activation sensitivity to sound. You can change it in 5 steps from very high to very low. The higher the sensitivity, the quieter the device will turn on, and vice versa. Indicatively, the data on the distance from the average speech, at which the device will turn on the recording, are given in brackets.

In the right column (recording quality), you can select the recording quality, it is recommended to always be on HIGH.

Finally, if the date and time information (taken from your computer) is correct, press SAVE SETTINGS and disconnect the device from the USB port.

The latter is very important, because the device will only remember the settings you entered by disconnecting it from the computer. The red light will quick flash and go out, which is a sign that the device has memorized the settings, and is ready for operation.

### **Recording and playback:**

1. If you want to record with sound activation, slide the switch to the VAS position, the red light (near USB) will turn on for 3-5 seconds, and soon after the light will turn off and the device will start recording. No lamp will light during recording. If the light does not come on at all when turned on, the battery is empty or almost empty, if it flashes and goes out, the battery is 30-70% full.

Set the switch to the REC position for continuous recording and to the OFF position to turn off the unit.

3. Position it as close to the desired sound source as possible, and as far away from possible noise as possible.

4. After recording the desired events, turn it off with the switch to the OFF position. If the battery is discharged in the meantime, the device saves the recording and shuts down.

5. To listen to the recording, plug the device into a USB port on any computer.

6. Go to My Computer, find the device as "BURAN 500", open it, you will find all the recordings in the VOICE folder.

7. For an easier and more detailed view, turn on the detailed view option, you can ignore recordings that have less than 100 kb, these are probably isolated sounds that briefly turned on the recording. The device records the time and date on each recording, making it much easier for you to locate and select important recordings.

8. Click on the recording to listen to it and playback will start

9. Before you start a new recording, delete or save all the recordings from the recorder to your computer.



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## GSM module setup

The device is intended for alarming and listening to conversations from a room or car over very long distances. The device works on the principle of the GSM network, and for normal operation it needs to provide a SIM card. The place where the device will work must be covered by a GSM signal (check with a regular mobile phone). The device has batteries that allow it to operate for about 7 days (depending on how much it is used per day, and the strength of the GSM signal where it is located), and is equipped with a charger for the same. Before inserting a SIM card into the device, you must deactivate the PIN number of that card on the other mobile phone, depending on the type of mobile phone, find the PIN DISABLE option in the menu or something similar - see the instructions for your mobile phone.

### CHARGING AND SWITCHING ON-OFF INSTRUCTIONS:

1. Connect the device with the supplied coded cable to any USB charger and let the device charge until the red light on the USB slot stops blinking. (approx. 3-4 hours).
2. Insert a NANO SIM card with a deactivated PIN into the SIM card slot. Pay attention to the direction of insertion of the card. (LOOK AT THE PICTURE ABOVE, contacts facing upwards, notched tip first inside). The SIM card must be activated, it must be able to make and receive calls.
3. Insert SIM card deep in a socket and device will TURN ON automatically, GSM LED ( near a recording switch) will start to blinking
4. Switching off GSM module is done by extracting a SIM card from a socket. Use some sharp object to do it. Few seconds after SIM card is removed, red GSM led will stop blinking and 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 7 days

To turn on low power mode:

**Link#0**



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**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**

### **LBS LOCATION OF THE DEVICE:**

Location Request: **999**

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

If you does not receive back SMS with a link, try again within few minutes, device will not reply with this link if network signal is lower then some minimum.

### **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 misunderstood.

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

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



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**BURAN 500 TECHNICAL SPECIFICATIONS :**

Battery: LiIon 500 mAh

Voice activation with PC software for select activation voice level in 5 steps;

ALC preamplifier for superior sound;

Each recording is in a separate file;

Dimensions 47 \* 23\* 18mm;

**RECORDING MODULE:**

Current consumption : 6 mA in recording , 0,3mA in standby

Battery life in Sleep mode 1800 hours( when GSM is OFF);

Battery life in recording 75 hours ( when GSM is OFF);

Memory integrated 8Gb

MP3 recording format (48kHz sampling freq.);

**GSM MODULE:**

Battery life in GSM transmission mode: 5-7 hours ( recording is OFF)

Battery life in GSM stdby mode 200 hours ( recording is OFF);

Battery life in GSM deep sleep mode 3 months ( recording is OFF);