GSM BOX II
Detector of the illegal activation of mobile phones

GSM-box

Protection against spy phones

power

User Manual

Introduction

Modern communications give varied possibilities of information exchange. At the same time these device scan become a dangerous tool for picking up information illegally. A reprogramming of your mobile phone, substitution of it, or being given a modified telephone will give other people access to the data in your telephone, or the ability to listen to all conversations around you from anywhere in the world. Such illegal actions can be accomplished without any signs on the display being shown or sound signals being heard.

The **GSM-BOX II** has been designed to detect and indicate the illegal activation of a mobile phone. In addition to this main function, the **GSM-BOX II** also creates interference to the surrounding area of the telephone's microphone by generating 'white noise' when radio-waves are detected; this noise suppresses the microphone in the telephone rendering it useless.

GSM-BOX II is an updated version of its predecessor (GSM-BOX), and has the following distinctive features:

- Warns you with the help of the 3 LEDs and a sound alarm when the telephone starts exchanging data with the network
- Automatic generation of audio interference
- Accurate and sensitive detection of GSM 900/1800, CDMA850, WCDMA2100 (3G, UMTS) and Bluetooth by intelligent algorithm of microcontroller
- Separate visual and sound indication of different communication protocols
- New convenient 'credit card-style' design suitable for pocket use, belt carrying cases, bags, desktop stands, etc.
- A new sensitive scheme of detection with pre-selectors provides better detection distance
- Long battery resource of up to 5 days (low current consumption)
- Does not block the mobile network in the area
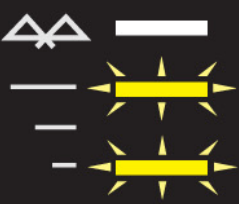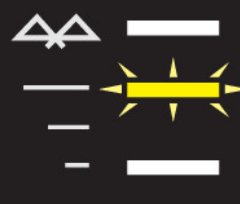- Has no adverse effect on health (no electromagnetic waves)

The front panel, where the indicators are situated, should be directed toward the user allowing him to watch them.

Recommendations for use

The efficiency of the **GSM-BOX II** depends on its correct placement. The mobile telephone should be situated either along side or on/under the **GSM-BOX II**. The upper part (where the telephone's microphone is situated) should be directed toward the speaker of the device.

To start operation simply insert the battery and press the 'Power' button. To turn the device off, press and hold the 'Power' button for a short duration.

Detected GSM900/1800	**Detected CDMA2100 (3G, UMTS)**	**Detected CDMA850**	**Detected Bluetooth**
The unit will give a noise with interruptions	The unit will give a continuous noise	The unit will give a continuous noise	The unit will give a 'beeping' sound

Note: Bluetooth detection means that your telephone is performing an exchange of data, i.e. there is a probability of illegal downloading/uploading of data from your telephone.

The battery indicator intermittently blinks green under normal conditions when the **GSM BOX II** is turned on. When turning the unit off the indicator will go red.

Please Note: Most digital communication devices might have a periodical exchange with the network with small packets of data. This is not a danger, but rather a result of the mobile device's movement or registering with a network. Only activities with a longer duration may be considered dangerous and should attract your attention.

Specification

Detected protocols	GSM 900/1800, CDMA850, WCDMA2100 (3G, UMTS) and Bluetooth
Frequency range of generated interference	300-5000 Hz (white noise)
Power source	3V, CR2430 battery
Current consumption	3 mcA/15mA (standby/noise)
Dimensions	100x50x5 mm