

Cellular jammer

SEL SP-162 Batog



CONFIGURATION

MANUAL

1. Designation:

The product is designated to block unauthorized operation of cell phones, working in the following standards: 900, 1800 MHz, DMA 450 MHz, UMTS 2100 MHz.

Blocking can be made simultaneously and selectively in each of the above standards what considerably extends the use of the product.

The unique embodiment allows using this device in almost any conditions: in both stationary and mobile environments. The jammer can be used in areas with high requirements for silence (in the meeting rooms, classrooms etc.), in places, where "free cellular space" is expected (prisons, state controlled-access enterprises), to protect from data acquisition devices that are based on cell phones (transmission of data, video and acoustic information), to prevent remote control of various devices such as remotely detonated explosives etc.

The product is very easy to use.

2. Specifications:

2.1. The product operates in the following frequency bands:

Band No 1 (CDMA-450 standard)	463...467 MHz;
Band No 2 (GSM-900 standard)	935...960 MHz;
Band No 3 (GSM-1800 standard)	1805...1880 MHz;
Band No 4 (UMTS (3G) standard)	2110...2170 MHz.

2.2. The max average output power:

- bands No 1, 2	not less than 700 mW;
- band No 3	not less than 500 mW;
- band No 4	not less than 300 mW.

2.3. Output power in each of 4 bands is adjusted from 3dB to -6dB from the max value. Transmitter of the unused band can be completely disabled.

2.4. Power supply is performed by build-in rechargeable battery with a nominal voltage of 3,7 V and a capacity of 7,8 Ah.

2.5. Battery life:

at max output power in each of 4 bands	not less than 4,5 hours
at half output power (-3dB)	not less than 8 hours
at min output power (-6dB)	not less than 13 hours

If transmitters of unused bands are disabled, operating time increases.

2.6. Charging the battery from 220 V charger is not more than 6 hours.

2.7. Overall dimensions 320 mm in length, 45 mm in diameter

2.8. Weight not more than 330 g

2.9. Operating temperature from 0 °C to +50 °C

3. How to use:

Switch on the device, by moving ON/OFF switch.

Herewith the product goes into test mode. LED of band No 1 lights up for 1 sec. and indicates its installed power. Then the power installed in bands No 2, 3 and 4 is indicated in turn.

In operating mode the LEDs of switched on bands illuminate continuously.

To determine the installed power of the transmitter in a particular band, you must select the band, pushing the bottom "BAND" once (switching of bands will be done one by one). The transmitter power value is determined by lighting of the corresponding LED of the bottom "POWER".

To change the output power or to switch off the transmitter in a particular band, you must select the band, pushing the bottom "BAND" once (switching of bands will be done one by one) and then press this bottom once again and hold it until the corresponding LED starts blinking. In this case, you can adjust the output power by pushing "POWER" bottom. To remember the installed power level, you must push the bottom "BAND" once.

If all LEDs blink at the same time, it means that battery is discharged. It should be charged from the supplied charger.

There is a magnet on the product face from the side of charge connector. By means of this magnet the product can be placed in a vertical position on steel (ferromagnetic) surfaces.

When charging the battery from the supplied charger, red LED of the charger means that device is currently charging and the green LED – the device is fully charged.

4. Delivery set:

- The product "Batog" - 1 pc.
- The charger (4,2 V, 3 A) from 220 V circuit
- Configuration manual

5. Test certificate

The product "Batog" No_____ corresponds to the technical documentation and is found serviceable.

Date of issue _____

6. Warranty

The manufacturer guarantees the compliance of each product with all requirements of technical documentation for 12 months. During the warranty period the manufacturer obligates to repair the product free of charge or to replace it, if necessary. Repair or replacement shall be made on condition that the consumer observes the rules of exploitation, transportation and storage. The warranty does not cover the products with mechanical damages or the opened ones.