

TECHNICAL DATA

Characteristic	Min	Typ	Max	Units
Supply voltage of jammer	6.5	9	12	V
Battery Type	Duracell 9V 6LR61 or equivalent			
Supply current in standard jamming mode	–	55	60	mA
Supply current in turbo jamming mode	–	170	180	mA
Frequency range of interference	24.4	25.0	25.6	kHz
Battery level control	Yes			
Overload and reverse polarity protection	Yes			
Time of continuous operation with Duracell-Duralock 9V 6LR61 in standard mode	–	5.5	–	hours
Time of continuous operation with Duracell-Alkaline 9V or equivalent in standard mode	–	4	–	hours
Total time with Duracell-Alkaline 9V or equivalent when used intermittently in standard mode	–	5.5	–	hours
Time of continuous operation with Duracell-Duralock 9V 6LR61 in turbo mode	–	2	–	hours
Time of continuous operation with Duracell-Alkaline 9V or equivalent in turbo mode	–	1.5	–	hours
Total time with Duracell-Alkaline 9V or equivalent when used intermittently in turbo mode	–	2	–	hours
Operating temperature	-20	–	+50	°C

Data in **Typ** column is at 20°C and 9V.

GUARANTEE AND SALE MARKS

Manufacture guarantee for faultless work of the electronics within 3 years since the date of sale.

SELLER _____ DATE OF SALE _____

www.spysonic.ru

SPYSONIC HANDHELD+

ULTRASONIC JAMMER OF AUDIO RECORDING DEVICES

USER'S MANUAL

GENERAL DESCRIPTION



SPYSONIC HANDHELD+ is a portable version of ultrasonic jammer of audio recorders with **ULTRANOISE** technology. The jammer is disguised as a camera case, dimensions (cm) 11x8x4. Number of ultrasonic transmitters: 4. Powered by Duracell - Duralock 9V that can last up to 5.5 hours in standard mode and up to 2 hours in turbomode.

Low noise ultrasonic jammer of audio recorders (jammer of audio transmitters, jammer of wired microphones, suppressor of audio recorders in mobile phones) is an ultrasonic generator that affects microphones and preamplifiers of various recording devices. Ultrasonic jammers **SPYSONIC** effectively suppress wired microphones Shoroh and MKU, many of audio recorders Edic, smartphones iPhone (4 and 5) and various bugs and audio transmitters. Not all recording devices and cellular phones are susceptible to ultrasound, but based on our experience, ultrasonic jammers **SPYSONIC** are more than 50% effective, that makes them an indispensable element in the complex means for protection of negotiations.

ULTRANOISE TECHNOLOGY

ULTRANOISE technology - are 2 key points:

1. Ultrasound carrier is modulated by special noise signal of audio range. The result is a signal that is perceived by the human ear as a quiet sound like the background AC of an unattached speaker. However, in a microphone of sound recorder the sound turns into a loud noise that overrides all other sounds.
2. Very high efficiency of conversion of electrical energy into ultrasound. This allows one to create powerful and energy-effective device.

CONTROLS AND INDICATORS



Inside the case there is a power connector, green power button combined with LED on/off indicator and red turbo mode button.

DELIVERY SET

- **SPYSONIC HANDHELD+** jammer – 1 pcs.
- 9V battery Duracell or analog – 1 pcs.
- User's manual – 1 pcs.

USAGE

To activate the device, just install the battery and press the green button. It is necessary to point the jammer toward possible location of sound recording device. To activate the turbo mode, press the red button.

When used in a vehicle, you may place the jammer on the dashboard, with transducers directed upwards, into the windshield. In this case reflected ultrasound is used.

SUPPLY VOLTAGE CONTROL

If supply voltage reduced less than 7.0 volts, the power indicator flashes. If the voltage drops below 6.5 volts power supply, the device goes into sleep mode. When adjusting the power, you should not set the voltage below 7.5 volts. In the event of a short circuit or reverse polarity, **SPYSONIC** has built-in protection.

CONDITIONS OF EXPLOITATION

SPYSONIC Desktop can be used over a wide temperature range (-20°C ... + 50°C) with humidity up to 95%. Operating in a direct exposure to rain or snow is not allowed.

APPROXIMATE DISTANCES OF SUPPRESSION

Efficiency of suppression is not the same for different devices. For iPhones (4 and 5) and most Chinese transmitters (bugs) jamming distance is more than 5 meters. For camcorders the distance is about 2 – 2.5 meters. For some Samsung phones the distance of suppression may not exceed 0.5 meter. The turbo mode increases the distances by 1.7 times.