

DELIVERY SET

- **SPYSONIC XL** jammer, desktop version – 1 pcs.
- Power adapter – 1 pcs.
- Key to switch power – 1 pcs.
- User's manual – 1 pcs.

TECHNICAL DATA

Characteristic	Min	Typ	Max	Units
Supply voltage of jammer	7.5	12	12	V
Supply voltage of power adapter	100	220	240	V
Supply current in jamming mode	–	160	180	mA
Frequency range of interference	24.4	25.0	25.6	kHz
Adjustment of interference power	Yes, 3 levels			
Overload and reverse polarity protection	Yes			
Operating temperature	-20	–	+50	°C

Data in **Typ** column is at 20°C and 12V.

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 DESKTOP XL

HIGH POWER ULTRASOUND JAMMER OF RECORDING DEVICES

USER'S MANUAL

GENERAL DESCRIPTION



SPYSONIC DESKTOP XL is high-power desktop version of ultrasound jammer of audio recorders with **ULTRANOISE** technology. The jammer is disguised as desktop speaker. Speaker dimensions (cm) 25x15x18. Number of ultrasound transmitters: 16.

Low noise ultrasound jammer of audio recorders (jammer of audio transmitters, jammer of wired microphones, suppressor of audio recorders in mobile phones) is an ultrasound generator that affects microphones and preamplifiers of various recording devices. Ultrasound jammers **SPYSONIC** effectively suppress wired microphones Shoroh and MKU, many of audio recorders Edic, smartphones iPhone (4 & 5) and various bugs and audio transmitters. Not all recording devices and cellular phones are susceptible to ultrasound, but based on our experience, ultrasound 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 is 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



At the back panel of the speaker there is a power connector and a power button combined with on/off indicator. In rare need to reduce the power of the jammer, it can be done using the switch on the power supply adapter (See Power Adjustment).

USAGE

To activate the device just connect the power supply and press the red button. It is advisable to point the jammer toward possible location of sound recording device. Often the optimal location of the suppressor is under the table, as close as possible to the place of the probable location of an audio recorder.

POWER ADJUSTMENT

If necessary to reduce the power of ultrasound, voltage can be reduced from 12 to 9 or 7.5 volts. To do this, unplug the AC adapter and switch the yellow arrow to the desired voltage using the key that came with the power supply. Do not install the power supply voltage below 7.5 volts.

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 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 & 5) and most Chinese transmitters (bugs) jamming distance is more than 10 meters. For camcorders the distance is about 3 - 4 meters. For some Samsung phones the distance of suppression may not exceed 1 meter.