

Ultrasound microphone jammer

USJ-06 mini



Ultrasound jammer USJ-02-Disc is a powerful device intended to prevent unwanted eavesdropping or making an unauthorised recording using various spy and recording devices, e.g.:

- GSM a UMTS spying devices
- radio spying devices
- mobile phones and PC
- digital and analog dictaphones
- spying devices based on microphone, placed in various things like button, tie, watch, videorecorder and many other common recording devices

How it works

- The device operates on the principle of saturation the spying device microphone with ultrasound which is of proper frequency and it results into input amplifier circuits limitation.
- Frequency combination of ultrasound is generated with respect to elimination of local points (nodes) with low level of ultrasound. This enhances the efficiency of the device greatly.
- USJ-02-Disc is designed to cover space by ultrasound in horizontal range of 360°. Vertical angle of ultrasound beam is approx. 40°, so majority of acoustic power is radiated in horizontal direction.
- Acoustic signal corruption caused by ultrasound and by limitation of electric signals in device circuits makes original audio signal unrecoverable.
- The device is designed as a flat, easily portable device. Height is 40mm, diameter 120mm. Suitable as a personal jammer, for example for placing on a table during a meeting.



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The jammer is dual-frequency, with the possibility of switching three operating modes. The individual modes are indicated by the number of beeps when switching. Switching is done by a short press of the control button on the top of the device:

- 1 - discrete silent (single frequency)
- 2 - dual frequency - lower power
- 3 - dual frequency - high power

A long press of the button is used to switch off the device.

When transporting, the device can be switched off by sliding the switch on the underside so that it cannot be switched on accidentally by pressing the top button when storing it in a bag, for example.

The device has an integrated switch-off timer which is factory set to 1 hour. This time can be configured differently by the manufacturer or supplier on request (via the USB charging connector on the side of the device)

The device can be supplied with a transport case for storage together with the charger and USB-C cable.

Technical data

- type description: USJ-06 mini
- power supply: 5V DC / 2A, USB-C
- built-in Li-Ion cells: 3 x 3.6 V, 3400 mAh
- accumulator operation: ~ 3 - 4h, depends on mode
- maximum power consumption: 10 VA
- ultrasound frequency: 21 and 25 kHz
- horizontal ultrasound beam angle: 360°
- vertical ultrasound beam angle (-6dB loss): ~ 40°
- sound pressure level: 110 dB at 1m distance
- operating temperature range: 0 to 30 °C
- colour, material: plastic parts - black RAL 9005

aluminium alloy body - black anodized
stand, mounting plate - painted steel

- intended for use in dry indoor environments only



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