

FARADAY SAFEBOX

PROTECTION AGAINST EAVESDROPPING ON YOUR DEVICES

Faraday Safebox provides protection against eavesdropping and data leakage from mobile phones, tablets and other communication devices. Data is protected by preventing access to the radio spectrum and blocking microphones with ultrasound.



Two technologies are used to block access to the radio spectrum, namely shielding devices using the Faraday cage method and interference in a specific radio spectrum to prevent communication between devices.

When the communication devices are inserted, ultrasonic noise is automatically generated and overwhelms the microphones. This is what makes it impossible to make a good recording in case of eavesdropping.



- Does not disrupt your meetings. Ultrasonic noise is inaudible to human ear.
- Effective protection against eavesdropping via device microphone.
- Compatible for all types of phones, tablets and other communication devices.
- Completely discreet – looks like a luxury suitcase.



The jammer completely overwhelms the microphones of mobile phones



Prevents recording during eavesdropping



Cancels cellular and Wi-fi networks including 2G, 3G, 4G and 5G signals

MARADAY SAMEBOX

This device is used for:

- › Safe transport of communication equipment to meetings.
- › Transport of communications equipment for defence personnel.
- › In the delivery of radio controlled devices for forensic analysis.
- › To ensure the safe movement of equipment of diplomatic personnel and staff of international organisations.

Placing telephones and other means of communication ensures:

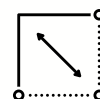
- › The impossibility of remote activation.
- › The impossibility of determining their location using the base stations.
- › The impossibility of determining their location using satellite navigation systems.
- › The inability to connect to Wi-Fi access points.
- › The inability to make acoustic recordings, even if the device is scheduled to record using time trigger programs.

Parameters



Weight

6 kg
(13,2 lbs)



Dimensions

49 cm x 39 cm x 12 cm
(19,3 in x 15,4 in x 4,7 in)



The level of ultrasonic interference in each cell

104-108 dB



Capacity

10 mobile phones
or tablets



Supply Voltage

5 V



Battery Capacity

26,8 Ah



Safety Information

Make sure that the supply voltage corresponds to the voltage specified in the documentation.

Please comply with the following safety precautions:

- ⤵ Avoid contact with water and areas of high humidity at all times. The device should not be exposed to dripping and/or splashing water. When cleaning the device use dry materials only. Make sure to protect the equipment from rain.
- ⤵ Do not use the device in areas with extreme temperatures. We recommend using it in an environment with temperature between 0° and 45°. Do not install the device near heat sources.
- ⤵ Avoid contact with parts that conduct electricity. Please, do not remove the cover or casing of the device in any way to avoid the risk of electric shock.
- ⤵ In case there is a ventilation opening on the device, make sure it does not get blocked.
- ⤵ Use only accessories that were specified and supplied by the manufacturer.
- ⤵ Make sure to not place the device on top of other electronic devices or place electronic equipment on top of the supplied device.
- ⤵ Do not place the device close to your ears. It emits high frequency sounds that may damage your hearing. Prolonged use of the device at high volume may cause hearing damage. Use the device only when necessary and at the appropriate volume.
- ⤵ Do not tamper with the power cord in any way. If the power cord is mechanically damaged, stop using the device immediately. Mechanically damaged cables, ruptured insulation or frayed cables pose a risk of electric shock and also risk of fire.
- ⤵ If necessary, have the equipment serviced by qualified personnel and do not attempt to repair the device yourself.
- ⤵ Be wary of open flame – the equipment is made of flammable materials. Never bring it close to an open fire.
- ⤵ The electrical plug must remain easily accessible in case of an emergency shutdown. Do not overload the sockets with the plugged device.

Important

When using the ultrasonic noise generator to overwhelm all microphones in the vicinity, certain limitations may arise due to the laws of physics. Some of the microphone designs may be more susceptible to be jammed than others. Therefore, the effectiveness may be different for each of the designs. The maximum effective range of the generator can therefore also vary by up to several times depending on the type of the microphone. Additionally, the generated ultrasonic noise can bounce off different surfaces and is unable to penetrate most materials to any greater depth. It is recommended to use a sufficient number of devices and then position them appropriately in the room to ensure the best possible protection of privacy during meetings.

For the best possible protection, we recommend using the acoustic noise function which allows you to record your own voice in your own language and overlap your conversation with it. The recorded voice is then randomly generated to create a sound barrier against eavesdropping via a stethoscope and laser microphones. Additionally, it protects against the most cutting-edge forensic cleaning technologies.

Although the device does not guarantee a 100% jamming effectiveness, it greatly outperforms competing solutions. Due to its configuration, it can guarantee high effectiveness when used against microphones on devices such as dictaphones, wiretaps and seismic microphones, computer microphones, headsets, cameras and mobile phones.



+420 774 429 006

sales@eo-security.com

