

EO-2 PRO

PORTABLE SPEECH PROTECTOR

The EO-2 PRO portable jammer provides perfect protection against all types of eavesdropping. It is ideal if you are often attending meetings out of office and want to be sure that no one will eavesdrop on you during the meeting.



The jammer is completely mobile.



The jammer can generate an inaudible ultrasonic noise. It drowns out microphones within a 3 meters range. But if you want ultimate protection, you can also use acoustic noise.

The combination of these two protective layers prevents all possible ways eavesdropping.

The jammer is therefore ideal for those who are very often attending meetings while travelling.



- > Fills all the available frequencies with ultrasonic noise, also it effectively rendering recording devices.
- > Acoustic noise protects you from eavesdropping through a wall, window or a someone listening in.
- > Different intensity of ultrasonic and acoustic noise generation can be set.
- > Guarantees a perfectly secure meeting.
- > The jammer can be easily carried with you, its battery lasts up to 4 hours and can be easily charged, in a car.



Ideal for protecting meetings on the go.



Impossible to eavesdrop through a wall, window or by a third party within 20 meters.



The speech protector can be carried anywhere with you.

EO-2 PRO

Acoustic Noise

Protects against eavesdropping through a wall with a stethoscope microphone, and it even prevents eavesdropping remotely through window panes via a laser microphone. Acoustic noise provides an additional layer of protection against eavesdropping based on technology other than conventional microphones. For example, it protects against a third-party person listening in on your conversation from a distance. Acoustic noise can generate and mix voices in various ways. You can also record these voices yourself. These then overlap the conversation itself - so they are audible to others. Thanks to this feature, you can speak freely while others hear the pre-recorded voices mixed together.

Features of Ultrasound

It generates inaudible ultrasonic noise, which blocks the microphone devices within the range of the speech protector. Protects against microphone recording. Protects especially against bugs and recording via smartphones or watches. The generated ultrasonic noise does not disrupt the course of your meeting and the jammer will remain unnoticed.

Easy to use

There is no need to configure or install the EO-2 PRO Portable Speech Protector. Simply turn it on or off with the remote controller. The intensity of the noise generation is then adjusted using the rotational button. You can tell that the jammer is active by the red backlit inscription of the EO-2 model.

Instructions for use

Place the EO-2 PRO portable speech protector in the room so that the ultrasound source points to the area where there is a possibility of a bug or a recording device. If you trust your guests, turn the portable eavesdropper away from the table. Adjust the level of acoustic noise so that any possible bugs outside the table cannot record the conversation. The range of the jammer is 3–20 meters (9 - 65 ft).

You can record your own voice into the jammer to be used by the acoustic noise feature. To do so, press the volume button. After that, only the word EO-2 will light up. Then hold down the "microphone on" button for a few seconds until the blue LED starts flashing. Now you can record your voice. We recommend making small-talk for at least 5 minutes. The speech protector then uses the record to generate random words, effectively overlapping your conversation. The feature of acoustic noise is unique and you will find it in all our EO speech protectors.

- ✓ Digital and analog voice recorders.
- ✓ Voice recorders in mobile phones.
- ✓ Eavesdropping remotely through windows using laser microphones.
- ✓ Built-in and directional microphones.
- ✓ Eavesdropping via stethoscope.



Weight

820 g



Range

Acoustic voice mix
up to 30 meters*

Ultrasound
up to 5 meters*



Intensity of ultrasonic interference

21 × 128-132 dB



Output of acoustic interference

3W



Dimensions

15,5 cm × 15,5 cm
× 3,5 cm



Battery capacity

4000 mAh



Battery life

4-5 hodin



Jack

3,5 mm**

*Each device can have an individual range.

**An external speaker can be connected for better acoustic quality.



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.

If the devices include a battery, do not expose the battery to excessive heat, fire, etc., as there is a risk of explosion. Also, do not subject the battery to high altitudes or low air pressure. Always use batteries recommended by the manufacturer. Wrong batteries may interfere with the proper functioning of the product.

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.

Learn more:



+420 774 429 006
sales@eo-security.com

