

PRIME+

SPEECH PROTECTOR AND SIGNAL JAMMER

All portable electronic devices have built-in microphones that can be easily exploited to record private conversations and confidential business meetings. This can be used to discredit you by competitors and cause you to lose the hard-earned reputation and trust of your customers. Protect your trade secrets and know-how with the PRIME+ Speech Protector and Signal Jammer.

THREE LEVELS OF PROTECTION:

Discreet Protection

Generates ultrasound and silent acoustic noise. This mode allows you to negotiate comfortably while protecting against most covert recording devices and bugs.

Highly Effective Protection

Generates both ultrasound and acoustic noise while interfering with the mobile networks in range. Protects against high-quality voice recorders and location tracking. The jammer interferes with the entire 360 degree range.

Maximum Protection

Generates ultrasound and loud acoustic noise. Provides maximum protection of confidential information even at the cost of reduced comfort during negotiations.



The PRIME+ incorporates three unique technologies to safeguard your privacy:

- **Ultrasound Generator**
Highly efficient against digital recording devices and bugs. It also distorts recordings to useless noise.
- **Acoustic Noise Mix**
Protects against stethoscope and laser microphones. Generates mixed voice that creates a sound barrier. It protects even from the most advanced forensic cleaning techniques.
- **Signal Jammer**
Interferes with mobile networks within range, also interferes with the two most used Wi-Fi frequencies.



Protection from covert recording devices and bugs



Blocks the use of Bluetooth and prevents eavesdropping by wireless headphones



Interferes with mobile networks within range, including 2G, 3G, 4G, and 5G signals



App available for Android and iOS



PRIME+

All-In-One Protection of Company Premises Against Confidential Data Leakage

The PRIME+ Speech Protector and Signal Jammer was developed to provide protection against undesired voice recordings of business meetings. It is well suited for the protection of offices, meeting rooms, and other areas where sensitive information may be discussed. Besides, it is discreet and does not attract undesired attention, since it has no external antennas. You have the option to record your own voice on the device. When recording, you need to be 10-20 cm (4-8 in) away from the device and in a quiet environment.

Simple and Intuitive to Use

- The jammer can be placed on a desk or conference table.
- Can also be placed under a conference table.
- Possible ceiling installation.

Quick and Easy Activation

- Easily turned on remotely with the remote control and a button.
- Press the button to select the desired level of protection.

Interferes Following

- Interferes with mobile networks, including 2G, 3G, 4G, and 5G signals. Individual setting of frequencies.
- We set the frequencies specifically for the each country.

Instructions for Use

The omnidirectional jammer does not require any technical knowledge to install. Every setting is at your fingertips thanks to the easy-to-handle remote control, or in our app.

Place the PRIME+ in the area where you want to intercept any recording devices and protect your meetings. Please, keep in mind that the effective range of interference is roughly to a distance of 30 metres (98 ft) from the jammer. The jammer can be controlled using the remote control. You can set one of the following modes.

- **A: Ultrasound + jammer**
- **B: Ultrasound + sound**
- **C: Ultrasound + sound + jammer**
- **D: Device off** – protection is off.

You can record your own voice into the jammer to be used by the acoustic noise feature. When recording, you need to be 10-20 cm (4-8 in) away from the device and in a quiet environment. To do so, press the volume button for 4 seconds. After that, the word PRIME+ starts flashing. Now you can record your voice. We recommend making small-talk for at least 5 minutes. The speech protector then uses the recording 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.

- ✔ Confidential conversations.
- ✔ Conference rooms.
- ✔ Important meetings.



Weight

1,9 kg (4 lbs)



Range

Acoustic Voice Mix
up to 30 meters (98 ft)*

Ultrasound
up to 3 meters (10 ft)*

Jammer
10 - 30 square meters
(108-323 ft²)



Intensity of Ultrasonic Interference

41 × 128-132 dB



Output of Acoustic Interference

3W



Dimensions

20 cm × 20 cm × 8,2 cm
(8 in × 8 in × 2.4 in)



Power Supply

50-60 Hz



Voltage

12 V



Jack

3,5 mm (0.13 in)**

*Each device can have an individual range. For modern phones the range is 1-1.5 m (3-5 ft), for older phones up to 3 m (10 ft).

**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.

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.

Important Points of Signal Jammer

If you have multiple pieces of PRIME+, they need to be spaced 2-3 meters (7-10 ft) apart in the room. If they are placed next to each other, there is a possibility, that they will start to block the mobile signal.

When the PRIME+ is switched on, the mobile signal will start to drop after 1-2 minutes, but it also depends on the phone's software. The smartphone may still show that it has 5G and full signal, but no one can reach it anymore.

We set the frequencies according to the international database, which contain the downlink frequencies of the operators. It may happen that a mobile operator has added downlink frequencies but has not updated them. We recommend checking these values via smartphone and install the "Network Cell Info & Wifi". This app will show you the specific downlink that is still working. Based on this, we are able to re-set the PRIME+ or add another PRIME+ that will separately cancel these downlink frequencies.

Please also note that there may be a mobile operator's BTS antenna on the roof of the building, where you will be testing your PRIME+. In this case, the signal jammer will not work effectively. In this case, we recommend placing several PRIME+ devices around the room, 2-3 meters (7-10 ft) apart.

The mobile operator's BTS, may be quite powerful in the area. in which case multiple PRIME+ devices will need to be used in the room, spaced 2-3 meters (7-10 ft) distance apart. For this reason, we list different interference sizes of 10-30 m² (108-323 ft²) per device.

Learn more:



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