

ASU 1.0

ACOUSTIC SAFE STAND

A unique speech protector that acts as an acoustic safe for mobile phone. The advantage is that it does not block calls, SMS and other network communications.



As soon as the mobile phone is inserted into the device, it automatically starts generating ultrasonic noise that overwhelms the microphones. This is what makes it impossible to make a good recording in case of eavesdropping. The advantage of ultrasonic interference is that it is not audible to the human ear. Nor does it block calls, SMS and other network communications.



- > Does not disrupt your meetings. Ultrasonic noise is inaudible to human ear.
- > Effective protection against mobile phone eavesdropping.
- > Compatible with the majority of mobile phones.
- > Completely discreet – looks like a regular phone stand.
- > Does not block any calls, SMS and other network communication.



The jammer completely overwhelms the microphone of a mobile phone.



Prevents recording during eavesdropping.

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Features of Ultrasound

Effective protection against eavesdropping with a microphone. Protects against eavesdropping via dictaphones, mobile phones and other smart devices. Ultrasonic noise is the most effective protection against eavesdropping. It works by drowning out microphones within range, making the resulting recording completely unusable. The advantage of ultrasonic noise is that it is not audible to the human ear, so it is completely discreet and does not interfere with the flow of the meeting.

Easy to Use

The ASU 1.0 acoustic safe stand in the form of the acoustic vault works completely independently. Place it wherever you want your meeting participants to put their phone. Then plug it in and turn it on. The speech protector will start itself as soon as you put the mobile phone in it and the light turns on. There's no need to set anything up. The stand is designed for 1 mobile phone.

A USB-C charger is also included. You must charge your device with this charger as higher voltage adapters may not work.

Parameters



Weight

470 g



Time of active speech protection

Unlimited



Dimensions

26 x 11,3 x 4,5
cm



Supply voltage

5V/2A
USB-C



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.

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