EO SECURITY

# SPEECH PROTECTORS

EO SECURITY s.r.o.

# ABOUT US

EO SECURITY s.r.o. is a Czech company founded in 2016, which specializes in developing and manufacturing advanced security products tailored to the specific requirements of clients. Our headquarters are in Prague and Brno. We proudly showcase our innovations annually at international trade shows such as ISS World, Intersec, Milipol, and Eurosatory.

Our Speech Protectors and Jammers are designed to safeguard against eavesdropping and sensitive information leaks, ensuring the security and privacy of our clients' communications and data.

---

## PROUD MEMBERS OF THE ORGANISATIONS

DSIA

DEFENCE AND SECURITY INDUSTRY ASSOCIATION OF THE CZECH REPUBLIC

CzechTrade

ORGANISATION OF THE MINISTRY OF INDUSTRY AND TRADE

HOSPODÁŘSKÁ KOMORA ČESKÉ REPUBLIKY

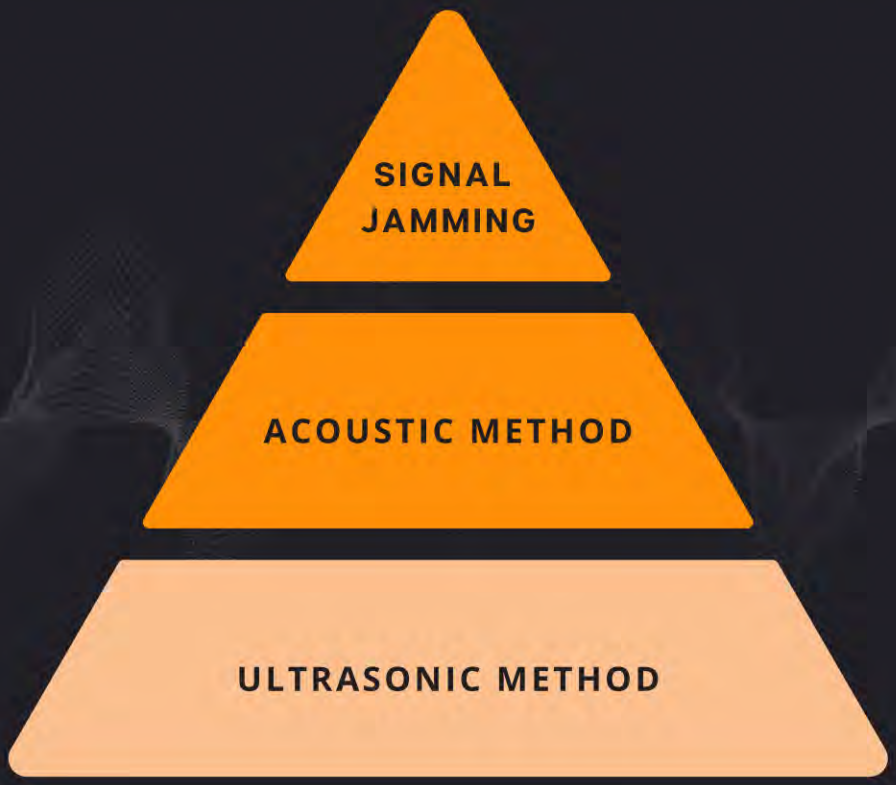
CZECH CHAMBER OF COMMERCE

# MEET US IN PERSON

## AT SECURITY EVENTS AROUND THE WORLD

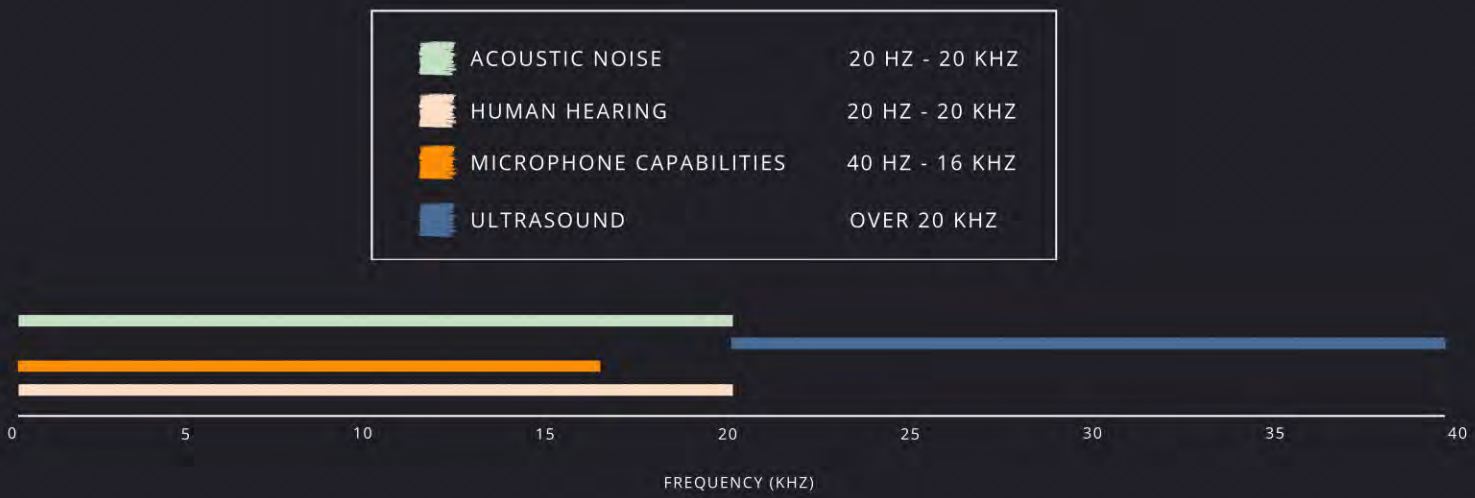
- ISS WORLD MEA
- ISS WORLD EUROPE
- ISS WORLD ASIA
- ISS WORLD LATIN AMERICA
- MILIPOL
- INTERSEC
- EUROSATORY
- FUTURE FORCES

# METHODS FOR PROTECTING AGAINST EAVESDROPPING




## ULTRASONIC METHOD

COMPARISON OF THE LIMITS OF HUMAN HEARING, MICROPHONE CAPABILITIES AND ULTRASOUND FREQUENCIES



# SPEECH PROTECTORS & SIGNAL JAMMERS

## FOR SECURE MEETING ROOM

# PRIME

## 360° OMNIDIRECTIONAL ULTRASOUND JAMMER & SPEECH PROTECTOR

The highly efficient PRIME Omnidirectional Speech Protector ensures your meetings remain secure and confidential. By combining ultrasonic and acoustic noise, it effectively eliminates the risk of eavesdropping during discussions.

### ULTRASOUND GENERATOR

- Operates in discreet, inaudible mode.
- Highly effective against digital recording devices and surveillance bugs.
- Recordings become unusable, producing only unintelligible noise.

### ACOUSTIC NOISE GENERATOR – AUDIBLE PROTECTION

- Protects against stethoscopes and laser microphones, including advanced forensic cleaning techniques.
- Acoustic noise is generated from mixed voices.

PRIME

- Ultrasonic noise protects against eavesdropping with microphones and bugs.
- Acoustic noise protects against eavesdropping with stethoscope or laser microphones.
- Ensures a secure and discreet meeting wherever needed.
- The device is easy to handle and it can be easily transferred as needed.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

Impossible to eavesdrop through a wall or windowpane

# PRIME

## ULTRASONIC NOISE

Ultrasonic noise is highly effective against eavesdropping, as it can completely overwhelm microphones, rendering recordings unintelligible and containing only noise. Consequently, all confidential information remains secure. Additionally, ultrasound is inaudible to human hearing, ensuring that it does not disrupt the flow of the meeting.

## ACOUSTIC NOISE

Acoustic noise protects against eavesdropping methods that ultrasonic noise alone cannot block, such as hidden microphones, stethoscope microphones, or laser microphones. This makes eavesdropping through walls or windowpanes impossible.

## EASY TO USE

The PRIME Omnidirectional Speech Protector is easy to set up, requiring no complex configurations. All functions are conveniently controlled via the remote control or a single button on the device.

## PARAMETERS

**Weight**

**1.3 kg (2.8 lbs)**

**Range**

**Acoustic Noise Mix**

Adapts to participants' settings for clear voice audibility.

**Ultrasound**

0.5–1.5 m (1.7–5 ft)*

**Intensity of Ultrasonic Interference**

**41 × 128–132 dB**

**Output of Acoustic Interference**

**3W**

**Dimensions**

**20 cm × 20 cm × 6.2 cm (8 in × 8 in × 2 in)**

**Power Supply**

**50–60 Hz**

**Voltage**

**230/12 V**

**Jack**

**3.5 mm (0.13 in)**

*Each device can have an individual range.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.

# PRIME+

## 360° OMNIDIRECTIONAL ULTRASOUND JAMMER & SIGNAL JAMMER & SPEECH PROTECTOR

All portable electronics are equipped with built-in microphones, which can be easily misused to record private conversations or confidential meetings. The PRIME+ Speech Protector and Signal Jammer addresses this by combining **three advanced privacy protection technologies:**

### ULTRASOUND GENERATOR

- Operates in discreet, inaudible mode.
- Highly effective against digital recording devices and surveillance bugs.
- Recordings become unusable, producing only unintelligible noise.

### ACOUSTIC NOISE GENERATOR – AUDIBLE PROTECTION

- Protects against stethoscope and laser microphones, even against advanced forensic cleaning techniques.
- Acoustic noise is created on the basis of the mixed voices.

### SIGNAL JAMMER

- Overwhelms commonly used Wi-Fi frequencies and cellular networks.
- Blocks Bluetooth and wireless headphone eavesdropping.

PRIME+

### EASY TO USE

- Can be placed on or under a work or conference table.
- Easily activated with a button or a remote control.

### FREQUENCIES

- Overwhelms cellular networks (including 5G).
- Frequencies are customized for each country.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis.

Blocks the use of Bluetooth and prevents eavesdropping by wireless headphones

PRIME+ overwhelms cellular networks (2G, 3G, 4G and 5G)

# PRIME+

## UNIVERSAL PROTECTION

The PRIME+ Speech Protector is designed to prevent unwanted recordings during meetings. It is ideal for securing offices, meeting rooms, and other spaces where sensitive information is discussed. The device is discreet and does not attract attention, as it has no external antennas.

The jammer is calibrated for use in the European Union. For custom frequency configurations, please contact us. The product is sold in a special mode for government use.

## EASY TO USE

The PRIME+ Omnidirectional Speech Protector and Signal Jammer is easy to set up, requiring no complex configurations.

## PARAMETERS

**Weight**
**1.9 kg (4 lbs)**

**Range**
**Acoustic Noise Mix**
Adapts to participants' settings for clear voice audibility.
**Ultrasound**
0.5–1.5 m (1.7–5 ft)*
**Jammer**
5–10 $m^2$
(16–31 $ft^2$)**

**Intensity of Ultrasonic Interference**
**41 × 128–132 dB**

**Output of Acoustic Interference**
**3W**

**Dimensions**
**20 cm × 20 cm × 7.2 cm**
**(8 in × 8 in × 2.4 in)**

**Power Supply**
**50–60 Hz**

**Voltage**
**230/12 V**

**Jack**
**3.5 mm (0.13 in)**

*Each device can have an individual range.

**Important signal jammer points can be found on the page 28.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.

# TOWERS

## DIRECTIONAL SPEECH PROTECTORS

TOWERS Speech Protectors are designed to be completely discreet, resembling luxury speakers while providing highly effective protection against information leakage. By combining ultrasonic and acoustic noise, they provide enhanced effectiveness, making them one of the most powerful devices in our portfolio.

### ULTRASOUND GENERATOR

- Operates in a discreet, inaudible mode.
- Highly effective against digital recording devices and surveillance bugs.
- Recordings become unusable, producing only unintelligible noise.

### ACOUSTIC NOISE GENERATOR – AUDIBLE PROTECTION

- Protects against stethoscopes and laser microphones, including advanced forensic cleaning techniques.
- Acoustic noise is generated from mixed voices.

TOWERS

### SPECIFICATIONS
**FOR 1 UNIT**

- The set consists of four units, with customizable appearances from our colour catalog.
- You can customize the interference with various intensity levels and modes.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

Combination of acoustic and ultrasonic noise provides the best protection against eavesdropping

# TOWERS

## ULTRASONIC NOISE

Ultrasonic noise is highly effective against eavesdropping because it can completely overwhelm microphones, degrading recordings to contain only noise. As a result, all confidential information remains safe. Additionally, ultrasound is inaudible to human hearing, so it does not disrupt the flow of the meeting.

## ACOUSTIC NOISE

Unlike ultrasonic noise, acoustic noise is audible to human hearing. It works by masking your conversation with randomly generated words. You can also record your own voice for use in acoustic noise at a distance of 10–20 cm from the device in a quiet environment.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.



## PARAMETERS

**FOR 1 UNIT**

**Weight**

**6.7 kg (14.7 lbs)**

**Range**

**Acoustic Noise Mix**

Adapts to participants' settings for clear voice audibility.

**Ultrasound**

1.5–2.5 m (5–8 ft)*

**Intensity of Ultrasonic interference**

**110 × 128–132 dB**

**Output of Acoustic Interference**

**9W**

**Dimensions**

**19 cm × 113.5 cm × 19 cm (7 in × 45 in × 7 in)**

**Power Supply**

**50-60 Hz**

**Voltage**

**230/12 V**

**Jack**

**3.5 mm (0.13 in)**

**Colours**

**Several colours to choose from**

Black | Walnut | Red

*Each device can have an individual range. This applies to a single piece pointed in one direction – from the center of the table to one speech protector.

# TOWERS +

## DIRECTIONAL SPEECH PROTECTORS & SIGNAL JAMMERS

TOWERS+ Speech Protectors and Signal Jammers provide a discreet and highly effective solution for safeguarding conversations. Designed to resemble high-end home theater speakers made from premium oak wood, they blend seamlessly into any environment without disrupting meetings. The set is available in multiple colors, allowing you to choose the option that best suits your space.

### ULTRASOUND GENERATOR

- Operates in a discreet, inaudible mode.
- Highly effective against digital recording devices and surveillance bugs.
- Recordings become unusable, producing only unintelligible noise.

### ACOUSTIC NOISE GENERATOR – AUDIBLE PROTECTION

- Protects against stethoscopes and laser microphones, including advanced forensic cleaning techniques.
- Acoustic noise is generated from mixed voices.

### SIGNAL JAMMER

- Overwhelms commonly used Wi-Fi frequencies and cellular networks.
- Blocks Bluetooth and wireless headphone eavesdropping.

TOWERS+

## SPECIFICATIONS
**FOR 1 UNIT**

- You can use your own pre-recorded voice as acoustic noise for added protection.
- The intensity, listening modes, and signal interference settings can all be adjusted to suit your needs.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

Combination of acoustic and ultrasonic noise provides the best protection against eavesdropping

TOWERS+ overwhelms cellular networks (2G, 3G, 4G and 5G)

# TOWERS +

TOWERS+ is a more powerful version of the original TOWERS Speech Protectors, one of our top-selling products. The set includes four units, with customizable designs available from our color catalog.

With their speaker-like appearance, these jammers are virtually undetectable, ensuring your meetings to continue uninterrupted. TOWERS+ provides protection  by combining ultrasonic noise with acoustic noise for maximum security. You can even record your own voice to be used as acoustic noise, further masking your conversations. In addition to its predecessor's features, the TOWERS+ also includes signal jamming capabilities.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.

## PARAMETERS

**FOR 1 UNIT**

**Weight**
**6.7 kg (14.7 lbs)**

**Range**
**Acoustic Noise Mix**
Adapts to participants' settings for clear voice audibility.

**Ultrasound**
1.5–2.5 m (5–8 ft)*

**Jammer**
5–10 $m^2$
(16–31 $ft^2$)**

**Intensity of Ultrasonic interference**
**110 × 128–132 dB**

**Output of Acoustic Interference**
**9W**

**Dimensions**
**19 cm × 113.5 cm × 19 cm**
**(7 in × 45 in × 7 in)**

**Power Supply**
**50–60 Hz**

**Voltage**
**230/12 V**

**Jack**
**3.5 mm (0.13 in)**

**Colours**
**Several colours to choose from**

Black | Walnut | Red

*Each device can have an individual range. This applies to a single piece pointed in one direction – from the center of the table to one speech protector.

**Important signal jammer points can be found on page 18.

# SHIELD

## PORTABLE ULTRASONIC AUDIO JAMMER & SPEECH PROTECTOR

The SHIELD Portable Speech Protector is designed to protect you from all forms of wiretapping. A key feature is its built-in battery, providing up to 4 hours of operation.

Ideal for professionals who frequently attend meetings while traveling, the SHIELD ensures that your conversations remain secure from eavesdropping. With up to 4 hours of battery life, it generates ultrasonic noise to overwhelm microphones and offers the option of acoustic noise for enhanced protection. This combination of technologies provides comprehensive security against all eavesdropping methods.

SHIELD

- Acoustic noise prevents eavesdropping through walls, or windows.
- Fully mobile for ease of use on the go.

Ideal for protecting meetings on the go

Impossible to eavesdrop through a wall or window

The speech protector can be carried anywhere with you

# SHIELD

## EASY TO USE

The SHIELD Portable Speech Protector requires no complex setup. Simply switch it on or off, and adjust the noise intensity as needed. A blue backlight indicates when the device is active.

## PARAMETERS

**Weight**
820 g (1.8 lbs)

**Range**
**Acoustic Noise Mix**
Adapts to participants' settings for clear voice audibility.
**Ultrasound**
1.5 m (5 ft)*

**Intensity of Ultrasonic Interference**
21 × 128–132 dB

**Output of Acoustic Interference**
3W

**Dimensions**
15.7 cm × 16.7 cm × 4 cm
(6 in × 6 in × 2 in)

**Battery Capacity**
4000 mAh

**Battery Life**
4–5 hours

**Voltage**
230/12 V

**Jack**
3.5 mm (0.13 in)**

*Each device can have an individual range. For modern phones, the range is 1.5-2 m (5-7 ft), for older phones up to 3 m (10 ft). This applies to a single piece pointed in one direction.

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

# EO-J

## DISCREET SIGNAL JAMMER

The discreet EO-J Signal Jammer effectively disrupts cellular and Wi-Fi networks, within its range. It protects you from eavesdropping and location tracking. With its antenna-free design, it remains unobtrusive and doesn't attract unwanted attention, ensuring discreet protection for offices against sensitive information leaks

The jammer's range is suitable for spaces of approximately 5-10 m² (16–31 ft²)*.

For larger areas or environments with more transmitters, we recommend consulting with us to determine the appropriate number of units needed.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.



EO-J

- Blocks all common Wi-Fi frequencies, preventing transmission from hidden Wi-Fi cameras.
- Discreet design that does not attract attention.

Prevents eavesdropping by wireless bluetooth headphones

Protects against active position tracking

EO-J overwhelms cellular and Wi-Fi networks (2G, 3G, 4G and 5G)

# EO-J

## TIP

For enhanced protection, we recommend using the EO-J jammer in combination with the PRIME Omnidirectional Speech Protector. For comprehensive protection against audio recordings, consider the PRIME+ Speech Protector and Signal Jammer, which integrates speech protection and signal jamming technology.

## EASY TO USE

Simply plug the jammer into an outlet and press the button to activate signal jamming. Press the button again to deactivate at any time.

## FREQUENCIES

The jammer is calibrated for use in the European Union. For custom frequency configurations, please contact us. The product is sold in a special mode for government use.

## PARAMETERS

**Weight**

**1 kg (2.2 lbs)**

**Range**

**52–10 $m^2$**
**(16–31 $ft^2$)**

**Power Supply**

**50–60 Hz**

**Voltage**

**230/12V**

**Dimensions**

**20 cm × 20 cm × 3.5 cm**
**(8 in × 8 in × 2.4 in)**

*Important signal jammer points can be found on page 18.

# SOLOMON

## ADVANCED NEGOTIATION ROOM

The SOLOMON negotiation room system is specifically designed for high-security meetings, providing optimal confidentiality and robust protection against all types of eavesdropping. This system is ideal for government agencies, Ministries of Internal Affairs (MOIA), Ministries of Defence (MOD), and other state or top business organisations requiring top-level security.

The SOLOMON system ensures that state meetings held anywhere in the world—in official meeting rooms, hotels, or other locations—are safeguarded against various eavesdropping methods, including hidden microphones, laser eavesdropping or directional eavesdropping.

Products Prime, Prime+, Towers, Towers+, EO-J, and Solomon are key components of the Secure Room project, designed to work seamlessly together for maximum effectiveness against eavesdropping. Our solutions are tailored based on a detailed threat model, considering room size, furniture layout, and mobile phone protection. For the best results and a comprehensive security system, contact our sales team to design the ideal solution. You can see examples of Secure Room on page 29.



SOLOMON

- **Participant Support:** Up to 4 participants can connect to one device with the possibility of expansion by connecting additional SOLOMON devices (up to 30 participants)
- **Clear Communication:** Maintains clarity even in environments with acoustic and ultrasonic interference.
- **User-Friendly:** Simple setup and operation designed for ease of use by state officials.
- **Long Battery Life:** Extended battery life ensures continuous operation for prolonged meetings.
- **Power Source:** Operates with an external 5V power source for reliable performance.

## TECHNICAL SPECIFICATIONS

**Voltage**

**5V/2A (USB-C)**

**Battery Life**

**Up to 20 hours**

**Headset Capacity**

**4 (expandable)**

# COMPARISON

| | PRIME | PRIME+ | TOWERS | TOWERS+ | SHIELD | EO-J |
|---|---|---|---|---|---|---|
| ULTRASOUND RANGE | 0.5–1.5 meters (1.6–5 ft) | 0.5–1.5 meters (1.6–5 ft) | 1.5–2.5 meters (5–8.2 ft) | 1.5–2.5 meters (5–8.2 ft) | 1.5 meters (5 ft) | ✕ |
| ULTRASOUND INTENSITY | Omnidirectional 41 × 128-132 dB | Omnidirectional 41 × 128-132 dB | Unidirectional 110 × 128–132 dB | Unidirectional 110 × 128–132 dB | Unidirectional 21 × 128–132 dB | ✕ |
| ACOUSTIC RANGE | Adapts to participants' settings for clear voice audibility. | | | | | ✕ |
| ACOUSTIC OUTPUT | 3W | 3W | 9W | 9W | 3W | ✕ |
| JAMMING RANGE | ✕ | 5–10 m² (16–31 ft²) | ✕ | 5–10 m² (16–31 ft²) | ✕ | 5–10 m² (16–31 ft²) |
| WEIGHT | 1.3 kg (2.8 lbs) | 1.9 kg (4 lbs) | 6.7 kg (14.7 lbs) | 6.7 kg (14.7 lbs) | 820 g (1.8 lbs) | 1 kg (2.2 lbs) |
| DIMENSIONS | 20 × 20 × 6.2 cm (8 × 8 × 2 in) | 20 × 20 × 7.2 cm (8 × 8 × 2.4 in) | 19 × 113.5 × 19 cm (7 × 45 × 7 in) | 19 × 113.5 × 19 cm (7 × 45 × 7 in) | 15.7 × 16.7 × 4 cm (6 × 6 × 2 in) | 20 × 20 × 3.5 cm (8 × 8 × 2.4 in) |
| BATTERY LIFE | ✕ | ✕ | ✕ | ✕ | 4–5 hours | ✕ |
| POWER SUPPLY | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

# SIGNAL & ANTI-RECORDING PHONE BOXES

# FARADAY SAFEBOX

## PORTABLE VERSION

### SIGNAL & ANTI-RECORDING PHONE BOX

The Faraday Safebox safeguards against eavesdropping and data leaks from mobile phones, tablets, and other communication devices. It protects data by blocking access to the radio spectrum and disabling microphones with ultrasound technology.

Does Not Disrupt Meetings: The ultrasonic noise from the Faraday Safebox is undetectable, allowing meetings to go on without interruption.

Effective Protection Against Eavesdropping: Our technology offers strong protection against unauthorized recordings through device microphones, keeping meetings safe.

FARADAY SAFEBOX

- Wide Compatibility: The Faraday Safebox works with all types of phones, tablets, and other communication devices, making it a flexible solution.
- Completely Discreet Design: Designed to look like a luxury suitcase, the Faraday Safebox is stylish and professional, hiding its protective features.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

Overwhelms cellular and Wi-Fi networks (2G, 3G, 4G and 5G)

# FARADAY SAFEBOX

## PORTABLE VERSION

### Application:

Secure transport of communication equipment for meetings, defense personnel, forensic analysis, and diplomatic staff in international organizations.

### Keeping communication devices inside ensures:

- No remote control of devices
- Prevented location tracking by base stations or satellites
- Disabled Wi-Fi connections and Bluetooth
- Blocked acoustic recordings

## PARAMETERS

**Weight**

6 kg (13.2 lbs)

**Dimensions**

49 cm × 39 cm × 12 cm
(19.3 in × 15.4 in × 4.7 in)

**The level of ultrasonic interference in each cell**

104–108 dB

**Capacity**

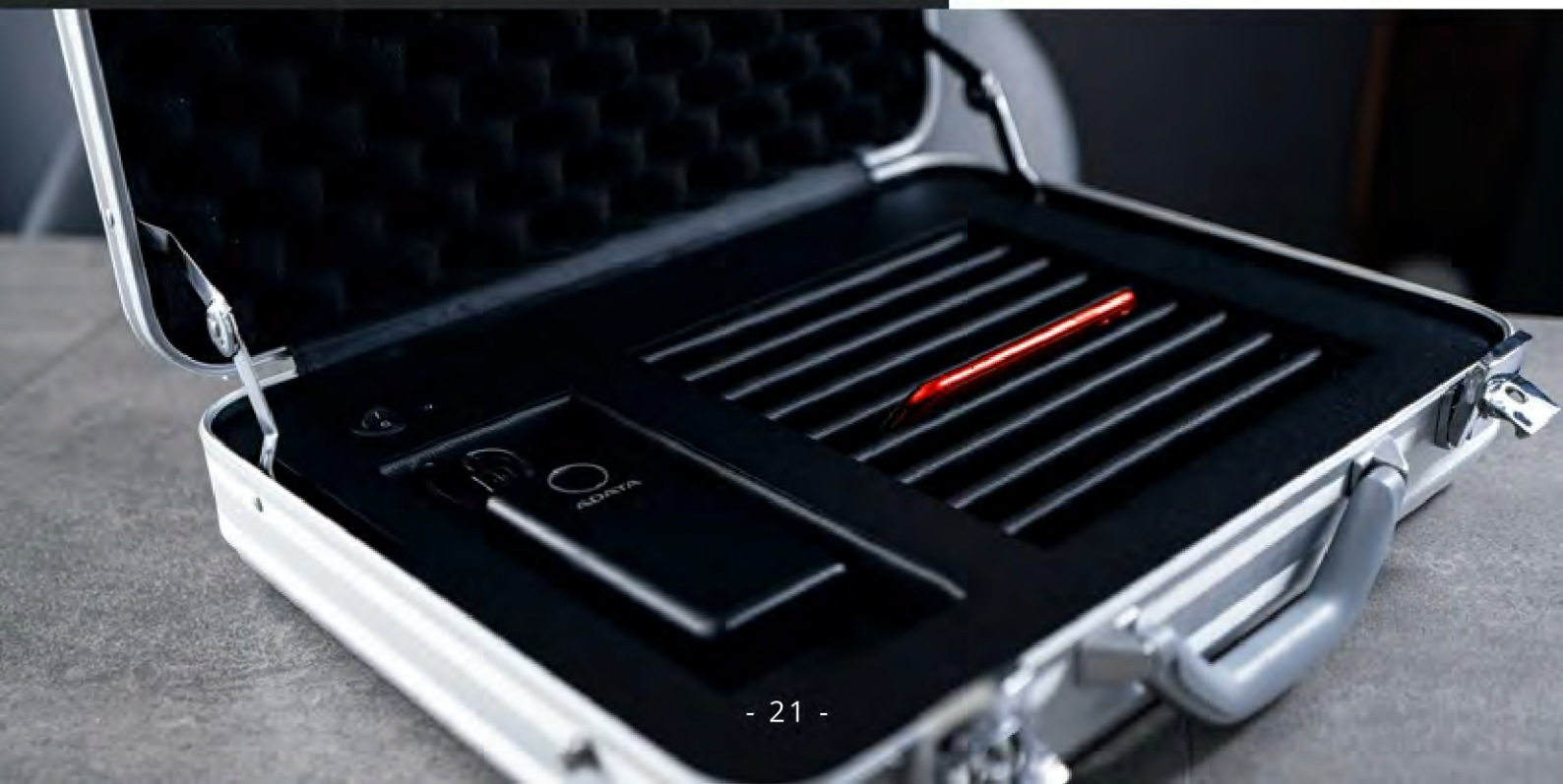
8 mobile phones or tablets

**Voltage**

5V/2A

**Battery Capacity**

26.8 Ah



# FARADAY SAFEBOX

## WOODEN VERSION

### SIGNAL & ANTI-RECORDING PHONE BOX

The Faraday Safebox is designed to prevent eavesdropping and protect against data leaks from mobile devices such as smartphones and tablets. It achieves this by blocking access to the radio spectrum and utilizing ultrasound technology to disable microphones.

### INDEPENDENT SIGNAL JAMMING OPTIONS

- Users can choose to jam phone signals, microphone activity, or both at the same time, offering enhanced flexibility and security.

### SEAMLESS MEETING EXPERIENCE

- The ultrasonic noise generated by the Faraday Safebox is imperceptible, ensuring that meetings can continue without any disruptions.

FARADAY SAFEBOX

WOODEN VERSION

- Ultrasonic noise, which overwhelms phone microphones, is inaudible to the human hearing, ensuring meetings remain uninterrupted.
- It effectively protects against eavesdropping via mobile phones.
- The luxury design accommodates all types of mobile phones.
- Crafted to resemble a luxury suitcase.
- Color Variations: Available in various colors as per customer preference: **Black, Walnut,** and **Red.**

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

# FARADAY SAFEBOX

## WOODEN VERSION

## ROBUST EAVESDROPPING PROTECTION

- Our advanced technology provides effective safeguards against unauthorized recordings through device microphones, ensuring the confidentiality of discussions.

## BROAD COMPATIBILITY

- The Faraday Safebox is compatible with a wide range of phones, tablets, and other communication devices, making it a highly adaptable solution.

- **Discreet and Elegant Design:** Crafted to resemble a luxury suitcase, the Faraday Safebox combines style with functionality, effectively hiding its protective capabilities.
- **Custom Branding Options:** Customers can order the Safebox with their company or organization logo, adding a personalized touch.
- **Premium Materials:** The product is made from genuine oak wood with leather accents, ensuring both durability and a sophisticated appearance.

## PARAMETERS

**Weight**

15 kg

**Dimensions**

49 cm × 28 cm × 70 cm
(19.3 in × 11 in × 27.5 in)

**Ultrasonic Interference Level**

104–108 dB

**Capacity**

2 iPad Pro (large tablets) and 8 smartphones, or 16 smartphones

**Power Supply**

230/12V

**Colours**

Several colours to choose from

Black | Walnut | Red | Green

# SAFEBOX

## ANTI-RECORDING PHONE BOX

The SAFEBOX is a unique acoustic safe designed to protect conversations from being intercepted through mobile phones. Its discreet, luxurious design blends seamlessly into any interior space, offering protection without blocking calls, texts, or other network communications.

Once a phone is placed in the stand, ultrasonic noise is automatically generated to overwhelm the phone's microphone, making it impossible to capture high-quality audio recordings. The SAFEBOX is compatible with all mobile phone models.

SAFEBOX is made from high-quality, genuine oak, along with a lockable design for added security. Customers can also customize its appearance by selecting from our color catalog.



SAFEBOX

- Ultrasonic noise, which overwhelms phone microphones, is inaudible to the human hearing, ensuring meetings remain uninterrupted.
- It effectively protects against eavesdropping via mobile phones.
- The versatile design accommodates all types of mobile phones.
- Appears as an ordinary phone stand, maintaining complete discretion.

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

# SAFEBOX

## ULTRASOUND GENERATOR

Ultrasonic noise provides highly effective protection against eavesdropping via smartphone microphones. By overwhelming the microphones, it renders recordings unusable. Because the ultrasonic sound is inaudible, it remains completely discreet and does not disturb the meeting.

## PARAMETERS

**Weight**

2.6 kg (6 lbs)

**Time of Active Speech Protection**

Unlimited

**Frequency Range of Acoustic Noise**

25 kHz ± 2 kHz

**Voltage**

5V/2A
(USB-C)

**Dimensions**

27 cm × 12.7 cm × 20 cm
(11 in × 5 in × 8 in)

**Colours**

Several colours to choose from

Black | Walnut | Red

# ASU 1.0

## ANTI-RECORDING PHONE BOX

A unique acoustic safe stand that serves as a speech protector for mobile phones. Its advantage is that it does not block calls, SMS, or other cellular communications.
Once a phone is placed in the ASU 1.0, it automatically generates ultrasonic noise that overwhelms the phone's microphone, making it impossible to capture a clear recording. The ultrasonic interference remains inaudible to human hearing while still allowing the phone to function normally for communication.

## ULTRASOUND GENERATOR

The ASU 1.0 provides powerful protection against eavesdropping via microphones in mobile phones, dictaphones, and other smart devices. Ultrasonic noise is the most effective defense against eavesdropping, as it overwhelms the microphones, rendering all recorded sound unusable.

- Non-intrusive - ultrasonic noise is inaudible to the human hearing and won't disrupt your meetings.
- Broad Compatibility - compatible with most mobile phone models.
- Discreet Design – resembles an ordinary phone stand.



# ASU 1.0

## PARAMETERS

**Weight**
**470 g (1 lb)**

**Time of active speech protection**
**Unlimited**

**Frequency range of acoustic noise**
**25 kHz ± 2 kHz**

**Dimensions**
**26 cm x 11.3 cm x 4.5 cm (10.2 in × 4.4 in × 1.7 in)**

**Voltage**
**5V/2A (USB-C)**

**Colours**
**Several colours to choose from**

Black | Walnut | Red

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

# ASU 2.0

## ANTI-RECORDING PHONE BOX

The ASU 2.0 is a unique speech protector designed as an acoustic safe for multiple mobile phones. Its key advantage is that it does not block calls, SMS, or other network communications.

Once the first phone is placed into the stand, it automatically generates ultrasonic noise that overwhelms the microphones of any mobile phones within range. This makes it impossible to record a conversation effectively.

### Ultrasound Generator

The ASU 2.0 provides powerful protection against eavesdropping via microphones in mobile phones, dictaphones, and other smart devices. Ultrasonic noise is the most effective defense against eavesdropping, as it overwhelms the microphones, rendering all recorded sound unusable.

- Produces ultrasonic noise inaudible to the human hearing, ensuring no disruption to your meetings.
- Compatible with most mobile phones.
- Discreet design – resembles an ordinary phone stand.



ASU 2.0

## PARAMETERS

**Weight**
**1 kg (2.2 lbs)**

**Time of active speech protection**
**Unlimited**

**Frequency range of acoustic noise**
**25 kHz ± 2 kHz**

**Dimensions**
**24.5 cm × 26.5 cm × 10 cm (9 in × 10 in × 4 in)**

**Voltage**
**5V/2A (USB-C)**

**Colours**
**Several colours to choose from**

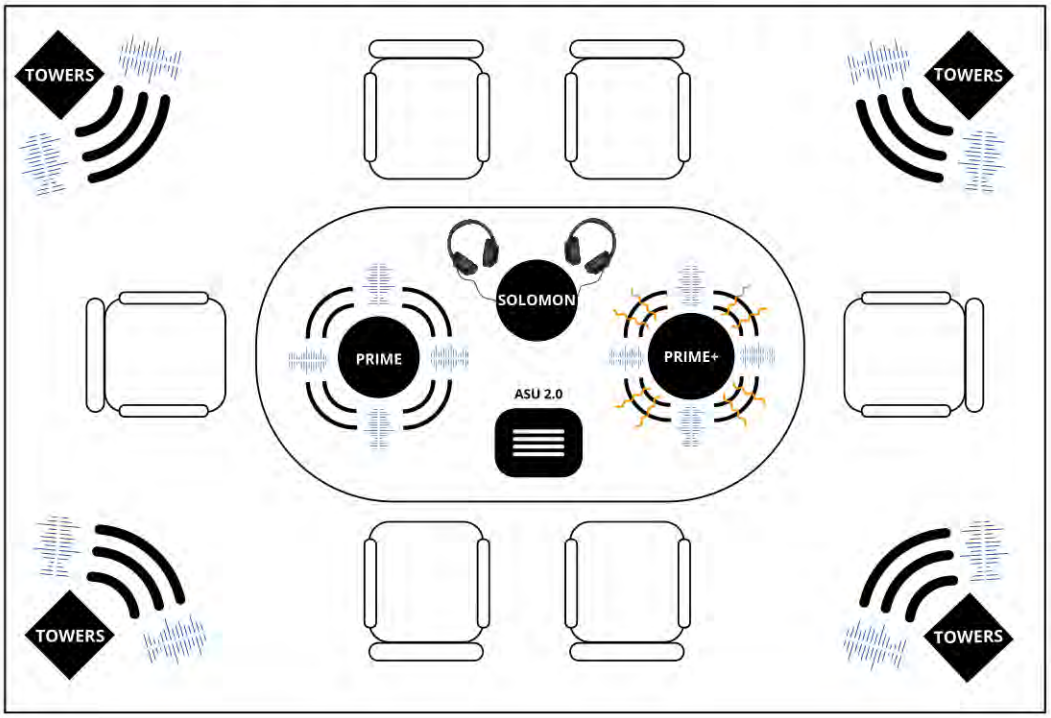
Black | Walnut | Red

The ultrasound generator effectively overwhelms mobile phone microphones, making any audio recordings unclear and unrecognizable for forensic analysis

# COMPARISON

| | FARADAY SAFEBOX (PORTABLE) | FARADAY SAFEBOX (WOOD) | SAFEBOX | ASU 1.0 | ASU 2.0 |
|---|---|---|---|---|---|
| CAPACITY | 8 Mobile Phones or Tablets | 16 Mobile Phones or 2 Tablets and 8 Mobile Pones | 4 Mobile Phones | 1 Mobile Phone | 4 Mobile Phones |
| MICROPHONE OVERWHELMING | ✓ | ✓ | ✓ | ✓ | ✓ |
| CELLULAR AND W-FI NETWORKS OVERWHELMING | ✓ | ✓ | ✗ | ✗ | ✗ |
| PREVENTION OF RECORDING | ✓ | ✓ | ✓ | ✓ | ✓ |
| WEIGHT | 6 kg (13.2 lbs) | 15 kg (x lbs) | 2.6 kg (6 lbs) | 470 g (1 lb) | 1 kg (2.2 lbs) |
| DIMENSIONS | 49 × 39 × 12 cm (19.3 × 15.4 × 4.7 in) | 49 × 28 × 70 cm (19.3 × 11 × 27.5 in) | 27 × 12.7 × 20 cm (11 × 5 × 8 in) | 26 × 11.3 × 4.5 cm (10.2 × 4.4 × 1.7 in) | 24.5 × 26.5 × 10 cm (9 × 10 × 4 in) |
| BATTERY LIFE | 10-12 hours (possibility of replacement) | ✗ | ✗ | ✗ | ✗ |
| POWER SUPPLY | ✗ | ✓ | ✓ | ✓ | ✓ |

# SECURE MEETING ROOM




**Signal Jammer**

Overwhelms cellular networks (2G, 3G, 4G, and 5G) and Wi-Fi (2.4, 5, and 6)

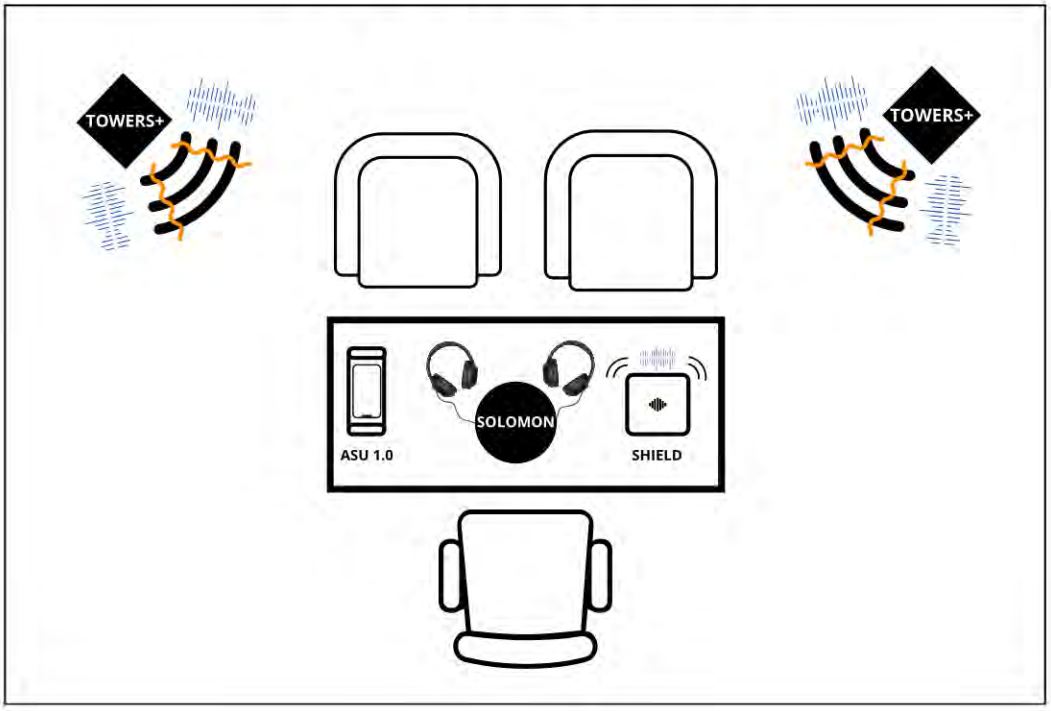
**Ultrasound Generator**

It will effectively protect you against digital recording devices and bugs.

**Acoustic Noise Mix**

It will protect you from the stethoscope and laser microphone, using a mixed voice to create a sound barrier

# SECURE OFFICE



# 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*

**Optimal Placement of Signal Jammers**
To ensure maximum efficiency, we recommend placing individual signal jammer models (PRIME+, TOWERS+, EO-J) 2–3 meters apart. Placing the devices too close together may result in unintended mobile signal interference.

**Signal Jammer Effect**
Once the Signal Jammer is activated, the $^{2}$ mobile signal will begin to drop within 1–2 minutes, depending on the phone's software. While the smartphone may still display a full 5G signal, it will no longer be reachable.

**Frequency Configuration**
We configure the frequencies based on the international database, which includes operators' downlink frequencies. However, in some cases, a mobile operator may add new downlink frequencies without updating the database.

Please be aware that if a mobile operator's BTS antenna is installed on the building's roof where you are testing the Signal Jammer, its effectiveness may be reduced. In such cases, we recommend placing multiple Signal Jammer devices around the room, ensuring a distance of 2–3 meters between them.

If the mobile operator's BTS is particularly powerful in the area, multiple Signal Jammer devices may be required in the room, spaced 2–3 meters apart. For this reason, we specify different interference ranges per device.

# EO SECURITY


## ADDRESS

Trnitá 500/9
602 00 Brno
The Czech Republic

## CONTACT US

+420 774 429 006

sales@eo-security.com

eo-security.com