

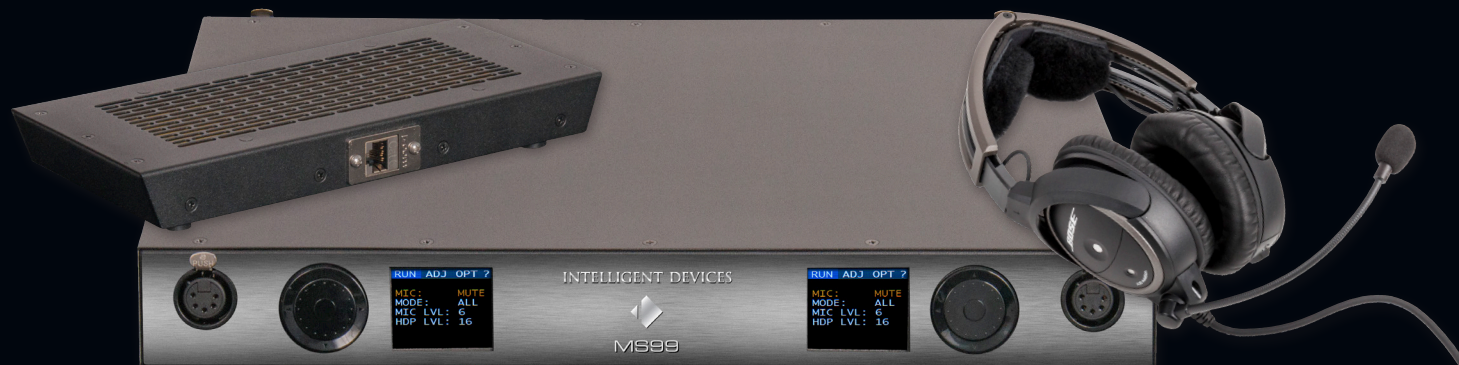


INTELLIGENT DEVICES

- ◆ Audio Specialist ◆ Forensic Audio
- ◆ Speech Masking ◆ Voice Privacy
- ◆ Countermeasures ◆ VIP Travel

MS99 PORTABLE VOICE PRIVACY SYSTEM

A Carefully Designed, Secure, and Customized
Audio Mask to Protect Your Sensitive Conversations



MS99 creates an advanced, leading-edge audio mask to protect discussions from eavesdropping, technical collection attempts, and unauthorized personnel.

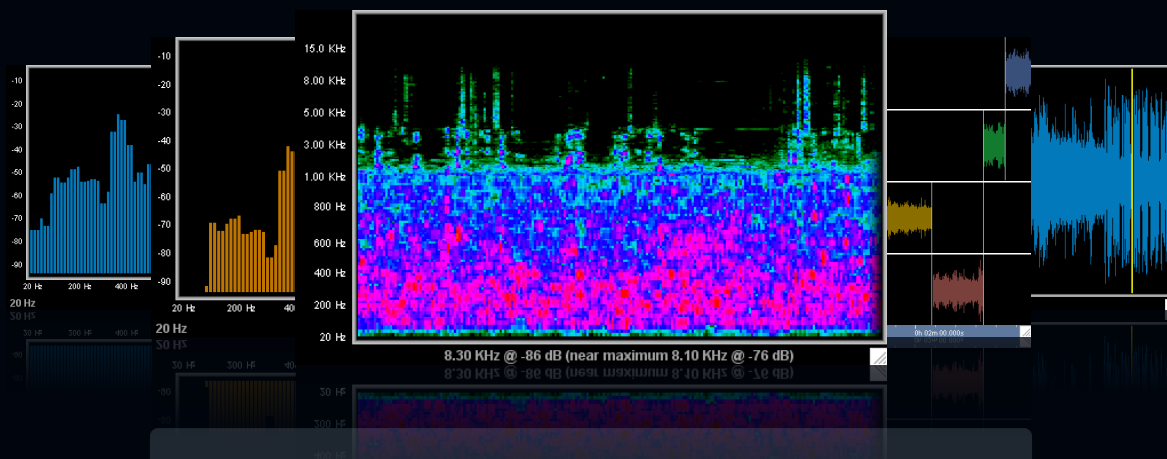
A complex, carefully designed audio mask customized for the environment and participants securely protects the area of discussion, allowing unencumbered focus on business at hand.

The easy setup, operation, and transport of MS99 makes this a must-have for travel teams tasked with securing conversations.

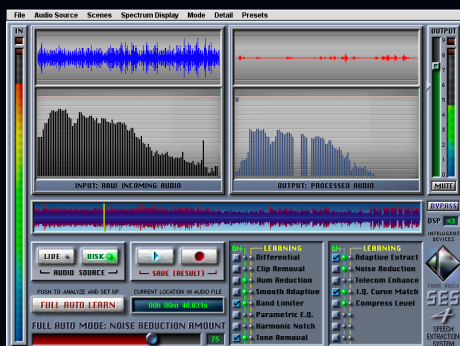
FEATURES

- Portable voice privacy system for travel scenarios
- Protect sensitive conversations in unsecured areas
- Perfect for travel security with in-depth approach
- Modular approach supports 1-12 talkers (two 6-talker units)
- Bose Aviation or optional Phonak In-Ear Aviation headset
- Interface capabilities for phone, VoIP, cell phones, and VTC

SES4 SPEECH EXTRACTION SYSTEM



The Ultimate **Voice Recovery Toolkit** for the Lab or the Field
Fully Automatic or Manual Operation Mode
The Only Tool You Need for All Your Audio Challenges



SES4 FULL AUTO MODE USER INTERFACE

A MODULAR APPROACH

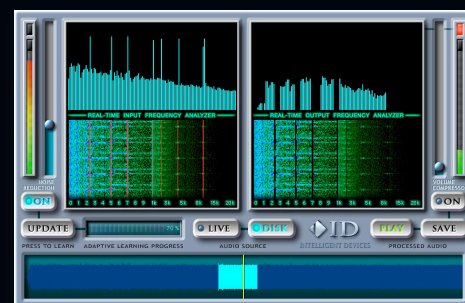
SES4 breaks its processing functions into discrete modules, which operate in tandem on the source audio. Because the modules operate in the frequency domain — not the time domain, like most recovery solutions — and they all act on the same source, there's no damage done to the integrity of the audio file. This nondestructive processing results in cleaner audio that stands up in court. Different modules are available in different packages to suit any operational requirements.

Designed for both law enforcement and federal agency use, SES4 (Speech Extraction System) is the most comprehensive and powerful set of voice extraction and enhancement tools available. Consisting of a direct-to-disk digital recorder and a shell supporting various real-time processing modules, SES4 can extract multiple voices from a variety of noise and real-world background sounds, even when the voices are buried in the noise.

Since its first release in 1995, SES has evolved to meet the ever-changing needs of law enforcement speech recovery and enhancement. SES4 is a software-only solution and is constantly growing and improving. Innovations like Full Auto operation and the introduction of proprietary adaptive modules have continued to define the boundaries of what is deemed possible in forensic voice recovery.

nanoSES

nanoSES distills the power of the real-time and fully adaptive dynamic speech extraction engine from SES4 into a lightweight and affordable desktop package. Processing noisy or hard-to-understand audio on a daily basis? nanoSES is the perfect tool for any operator, regardless of training or technical ability, to help achieve time-sensitive, mission-critical goals with ease.

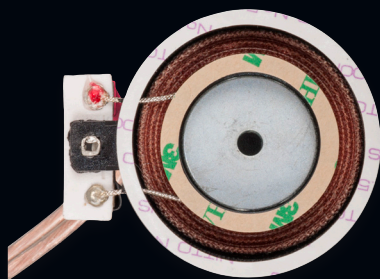


nanoSES USER INTERFACE

SPEECHMASKING

The all-in-one M2 generator unit combines superior signal processing, best-in-class digital amplifier technology, and N-channel signal processing to create the world's first speech-masking generator targeted at voice privacy.

M2 is purpose-built to help protect against audio eavesdropping at all levels — federal, state and commercial. Used with the custom heavy emitters and TSCM-engineered volumetric speakers, the system provides a complete envelope of audio protection for both fixed-facility and portable travel requirements.



HEAVY EMITTER



8-CHANNEL TRAVEL UNIT

SELECT FEATURES

- User-selectable audio content loaded via microSD card slot
- Independent channel volume control; at least 10 W per channel at 8 Ω using high-performance, high-efficiency digital amplifiers
- Auto-switching power supply supports 110 and 220 V AC operation
- Manual level control and per-channel equalization
- Fixed-installation can daisy-chain

MODELS

M2 provides a powerful voice privacy mask to protect commercial and government spaces, securing sensitive material and potentially classified topics.

For a lower cost solution, SpeechMask generators effectively mask speech frequencies without relying on insecure white or pink noise masks.

Each generator is available as a fixed-installation unit and 8- and 24-channel travel units.



FIXED-INSTALLATION UNIT

COUNTERMEASURES AMPLIFIERS



Over 20 years of audio expertise in Digital Signal Processing and Speech Extraction is now available in the ultimate line of countermeasures audio amplifiers. The Countermeasures Audio Amplifiers combine high-gain analog

input with true high dynamic range and state-of-the-art signal processing for the most advanced system available today.

Three models are available, with the option to upgrade between models later. All models offer ultrasonic range, high isolation from DC/AC, user-controllable DC injection, uncompressed SD file recording, advanced noise rejection, built-in volt meter, and an internal rechargeable battery.

ACCESSORY KIT

Boost CMA's ultra-high performance even higher with accessories that are purpose-built to cover all audio detection scenarios, including the custom-designed Structure Tester and Magnetic Sensor.



STRUCTURE TESTER/MAGNETIC SENSOR

RF-SHIELDED TENT

With an advanced, featherweight, airframe design that sets up in minutes, the RF-Shielded Tent is a perfect solution for travel teams that need to isolate inside signals — with minimal footprint. The RF Tent satisfies requirements for a reliable, highly portable RF isolation solution that is easy to pack and travel. It is the only enclosure of its kind that can be transported as baggage on a commercial airline.

CAPABILITIES

- Ultralight, portable RF isolation
- One-user setup in five minutes
- High rigidity, lightweight, durable
- Integrated air circulation, power and signal filtration, and lighting

SYSTEM CHARACTERISTICS

- Performance of 65 dB at 1 GHz
- Typically operates above specification
- Double-shielded layered fabric protected by durable black nylon
- Door seal ensures electrical continuity



RF-SHIELDED TENT

ROCS ACOUSTIC ENCLOSURE



ROCS ACOUSTIC ENCLOSURE

Together with the M2 Active Audio Masking System and ROCS passive sound barriers, the ROCS Acoustic Enclosure provides exceptional audio and RF privacy. The all-in-one system is designed to be set up in four hours by three trained personnel, making it ideal for protecting conversations of high-value principals during travel.

The included lighting system, power and signal pass-through, and environmental control system make this a comfortable solution without sacrificing performance.

SELECT ROCS SPECIFICATIONS

Dimensions	10 × 11 × 7.5 ft, exterior 9 × 9 × 7 interior
Sound attenuation	STC level 50 with M2 SMS
RF attenuation	-65 dB from 30 MHz to 18 GHz
Total weight	2,100 lb (in 32 total cases)

Interested? Get in touch.

For details on any of our products, e-mail us at sales@intdevices.com or visit us online at www.intdevices.com and request an account to view product information.

9101 GUILFORD ROAD, SUITE 112, COLUMBIA, MD 21046
301-498-7590 • 301-498-7591 FAX • WWW.INTDEVICES.COM



INTELLIGENT DEVICES

NEST MINI

The NEST Mini is the narrowest enclosure in the NEST system lineup of lightweight and portable SCIFs. With a cocoon width of only 28 in, it can be navigated through most doors and staircases. The modular design allows the cocoon, door, and hatch to be quickly assembled on site to create a secure, temporary working environment.

The NEST Mini provides excellent RF and acoustic eavesdropping protection that meets MILSPEC Standard 188-125, achieving over 80 dB of isolation and an STC 50 equivalent with active speech masking from Intelligent Devices.



PHOTO OF INTERIOR

TESTING AND CERTIFICATION

Each NEST Mini system is independently tested for:

- STC (Passive)
- Sound Group 3 (Passive and Active Sound)
- Power and Signal Security
- RF Attenuation

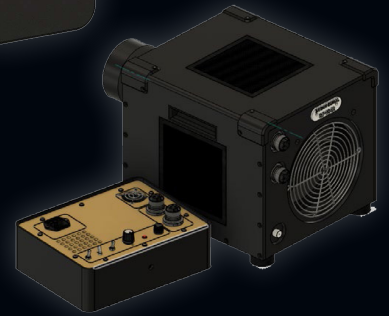


EXTERIOR (LEFT) AND INTERIOR (ABOVE)

SELECT SYSTEMS

The systems that go into making the NEST Mini have been carefully integrated to support the most secure, comfortable, and easy-to-use all-in-one SCIF enclosure solution.

- **Enclosure:** Split into three parts for easy transport — the main cocoon, the door, and a hatch to add extra width and maximize the workspace. RF protection to Mil. Std. 188-125 from 10 MHz to 18 GHz.
- **SECURN:** Operates all of NEST Mini's secured power and signal operations. Securely passes through to an external junction box.
- **Acoustic Protection:** With both passive sound absorbing material and active SpeechMask protection, NEST Mini can be installed 2 in from a wall without worry of nearby threats. Exceeds Sound Group 3.
- **Access Control and Identification:** A two-factor authentication security lock secures the door, and a personal identification code is required for system operation. An incorrect code can trigger an alarm or alert a remote security office.
- **Surveillance Cameras:** Four cameras can monitor external locations, such as the room entry door, window, and parking lot. A monitor inside the pod shows the video streams.
- **Seat and Folding Desk:** Designed for comfort, many interior features can be customized to the user's preference. A first-class airline seat and table are suitable for laptop use.
- **Lighting and Air Conditioning:** Lighting with adjustable color and brightness and the SECAIR-SEPAC-RC2 air conditioning unit are controlled at an internal control panel.
- **Transport Bags:** NEST Mini can travel in three large, inconspicuous bags, the largest of which measures 46 × 28 × 66 in. Two-person install.



NEST MAX

NEST Max is a large enclosure providing a comfortable, secure working space. Including advanced SpeechMasking, and dual-factor authentication, and accommodating to secure network infrastructure, NEST Max is a powerful addition to any secure deployment team's toolkit.

PRACTICE GOOD SECURITY

While the NEST line of secure enclosures offers industry-leading security features, it's crucial to implement a comprehensive security program, including a security SOP and good OPSEC practices, to help ensure the protected information and space remain secure. A multi-layered, security-in-depth approach is critical for successful programs.

NEST Max is a TEMPEST chamber tested to 80 dB effectiveness and includes power and signal filters to bolster that rating, exceeding all SCIF standards. Combined with a good passive STC rating reinforced by Government-grade SpeechMask M2 acoustic masking coupled to all enclosure surfaces, users can be assured that communications inside the unit are secure and private.

Sharing many of the same security features of the NEST Mini described at the left, NEST Max expands on this secure deployment model.



SPEECHMASK UNIT



NEST MAX IS A COMFORTABLE, SECURE WORKING ENVIRONMENT WITH A GSA-APPROVED CONTAINER FOR SENSITIVE DOCUMENTS AND SECURE NETWORK INFRASTRUCTURE

- **Two-Factor Authentication:** Physical access to the unit's interior, physical access to the GSA-approved container, and logical access to the secure network infrastructure are all protected with separate two-factor authentication access control, so, for example, users can have access to the unit and the network while the security team retains exclusive physical access to the network infrastructure, preventing unauthorized exfiltration of sensitive data via removable media.
- **Ease of Inspection:** The NEST Max is easily inspected by security and TSCM teams, facilitating the detection of unauthorized modifications that may threaten the unit's security posture.
- **Made in USA:** NEST is built entirely in the USA using parts manufactured in the USA.
- **Alarm System:** The enclosure can be secured with an alarm to trigger Government response to any break-in attempt or other tampering.