



**TSE 3526**  
**Anti-Laser Microphone Noise Jammer**

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### AUDIO JAMMING NOISEBATH SYSTEM

The security of the patented NOISEBATH system is based upon the following six principles:

- Maximizing complexity and coverage by ambient mixing of target's voices with masking sounds
- Reducing the effectiveness of acoustic pick-up devices
- Making computer filtering difficult by the design of the masking source material
- Hindering listening by human transcribers with psychoacoustic elements which create fatigue
- Reducing the value of any information recovered with meaningless sequences of words in the masking material
- Reducing the credibility of any derived information with deliberately deceptive masking material.



Playing NOISEBATH masking source material through the speakers of a properly configured system creates a "bath" of noise around the target, which mixes with the actual voices or equipment sounds. This hinders the exploitation of the target's acoustics.



NOISEBATH is compatible with the STU III and other Secure Telephones. The masking sounds have negligible impact on the remote secure phone user. The masking level can be adjusted by remote control.

There is up to a 25db reduction in sound level within the protection zone from the sound level outside the protection zone.

### ACOUSTIC MASKING MATERIAL

The acoustic masking source material is produced according to a specialized NOISEBATH formula and can be recorded on compact discs or generated in real time. Masking source material is a combination of varying pink noise, synthetic speech, actual speech and psychoacoustic elements configured to minimize disruption to those being protected and maximize disruption to electronic audio surveillance systems and human listeners.

Masking can also consist of specialized equipment sounds to mask intelligence bearing acoustics such as from computer keyboards.

Masking source material is available in different languages, regional accents, dialects or even for a particular person or persons. Mixtures of voice types are also available.



Regional Editions are produced from actual voices and synthetic vocal sounds within a language or dialect selected by the customer such as American English Military Operations, Regional American Dialects Political & Legislative Subjects, Regional German Dialects, South American Spanish, Gulf Arabic, and Specialized Vocabularies of Various Intelligence and Law Enforcement Operations.



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