

**Anti Surveillance
Sweep Jammer for Buildings
3250S**

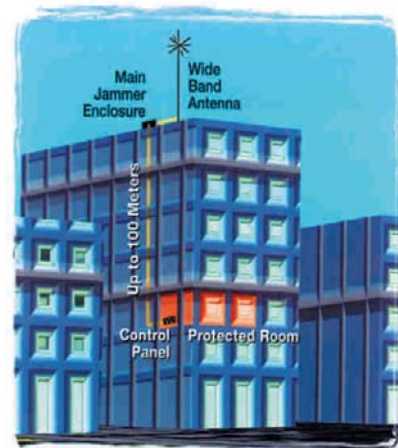
Anti Surveillance Sweep Jammer for Buildings 3250S

The Threat

Today's surveillance devices are growing smaller and more powerful. The widespread use of eavesdropping equipment utilizing miniaturized microphones and wireless transmission to monitor audio conversations has become a dangerous threat.

Jamming of the signal transmitted from these devices is the most effective way of providing complete and continuous protection against the danger of audio surveillance.

As an additional benefit, the 3250S also provides protection against remote controlled explosive devices that may be planted in the protected building and initiated from a distance.



The Solution

State-of-the Art jamming technology

The anti-surveillance sweep jammer, uniquely designed to utilize the innovative sweep jamming technology, provides excellent power density, and strong interference levels, eliminating any unauthorized transmission in the protected vicinity.

The technology, provides you with the assurance that your conversations will not be heard by anyone but those meant to hear it.



Full protection for a whole building

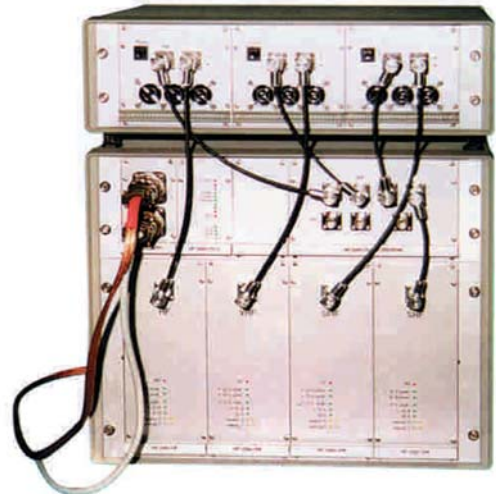
The 3250S is specifically designed to provide complete protection, for a whole building, thus reducing the cost of defending several separate areas in the same building, and assuring complete and comprehensive protection to the secure locations.

High level of protection

The 3250S innovative design, and use of sweep jamming, allow enhanced utilization of the input power. The produced power level assures protection against even the most powerful audio bugs, providing 100 to 1000 times the transmission power than that of a typical bug.

Wide jamming range

The 3250S provides protection throughout the spectrum range used by audio surveillance bugs. Spanning the band between 20 MHz HF transmissions to 1 GHz SHF the 3250S provides widespread protection against known bug transmission frequencies. For added protection, the 3250S comes with an optional upgrade to 2 and 3 GHz bands. Advanced surveillance devices transmitting in the 1-3 GHz band, once used only by highly technological attackers, are becoming more and more available. Elaman in its commitment to provide State-of-the-Art technology is ready to provide its customers with added protection against these highend, ultra-modern devices.



Convenient control panel

The 3250S is remotely commanded by a control panel. This control panel located with the VIP who is to be protected, allows complete control of jammer operation, and provides continuous indication of the jammers operation status. Jammer modules can be turned on and off from the panel. Operation shutdown is immediately indicated on the panel's LEDs.

Sweep vs. Barrage

The 3250S provides protection by utilizing the innovative sweep jamming technology. Lower end jammers usually provide defense by transmitting white noise to a wide frequency band. Unfortunately, this strategy causes dispersion of signal power evenly through the frequency band providing only several milliwatts of power to each MHz of frequency band.

Elaman's high-end sweep technology allows the use of the jammers full power in every part of the frequency band. The full power jamming signal, travels through the jammed bandwidth at a high frequency, thus each bandwidth segment receives full power at different time instances, providing the jammer with far better overall performance and range.

The sweep frequency has been designed and rigorously tested for maximum voice jamming performance. Furthermore, the sweep pattern provides excellent protection against remotely controlled explosive devices.

Based on proven technology

The 3250S jammer is based on ELAMAN's long standing technological leadership and its proven jamming technology. ELAMAN's wide installed product base attests to ELAMAN's determination to provide high-end, quality products to customers around the world. Furthermore, the large number of ELAMAN products operating worldwide assures continued support and provides the best trial possible to indicate system stability and functionality.



Option for control of jamming in GSM band

The GSM frequency band located round 900 MHz is also jammed by the 3250S, disabling the possibility to receive or initiate GSM calls from within a protected area. As an option, the jammer may be supplied with the functionality of specific control of the GSM band, allowing the VIP to turn off the GSM band jamming and initiate GSM calls during continued jammer operation in the other frequency bands. While it is not advisable, some situations may call for the ability to switch off certain frequency bands. ELAMAN can provide filters for different frequency bands, according to customer requirements.

Specifications

Frequency Range:

HF - 20 - 80 MHz

VHF - 80 - 200 MHz

UHF - 200 - 500 MHz

SHF - 500 - 1000 MHz

Optional Modules to 2 and 3 GHz

Optional Module for GSM frequency band

Output Power:

HF: 150 W

VHF: 125 W

UHF: 100 W

SHF: 10-100 W

Modulation Type: Double Sweep

Power Consumption: 1600 W

Power Supply: 220 V A/C 50 Hz

Maxium Control Panel - Jammer distance: 100 meters



If you would like further Information about ELAMAN,
or would like to discuss a specific requirement or project, please contact us at:

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