

ASM-2500 Window, Door, & Wall Sound Masker

FEATURES

- ☐ Protects windows, doors, and walls against human and electronic eavesdropping techniques; such as laser and parabolic microphone eavesdropping, and vibration detection devices
- ☐ Compatible with all standard window, door, and wall construction, and many custom applications
- ☐ Designed for continuous use
- ☐ Broad sound spectrum performance
- ☐ Lightweight and easy to install
- ☐ Compact size with small footprint offers clean and inconspicuous appearance
- ☐ Generates high sound masking levels
- ☐ Accepts a mix of sound masking, music, and misinformation signals
- ☐ Can be driven with standard or security rated sound masking equipment
- ☐ Does not require separate transformer and is driven from a standard 70-volt distributed output
- ☐ The integrity of the surface it is applied to is not compromised
- ☐ UV rated adhesive mount with wide temperature range
- ☐ Available with or without rotary switch

GENERAL APPLICATIONS

The American Sound Masking, Inc. AS-2500 Window, Door, and Wall Sound masker Series is used to protect windows, walls, or doors against human and electronic eavesdropping by applying full bandwidth sound masking to the applied surface. The unit may be attached to the interior side of any window, even if there exists a layer of window tinting or blast film between the device and the window. It may be applied to the surface of a door, regardless of construction or finish. It may also be applied to a wall. In all applications the integrity of the surface remains intact. Because of its compact size, the AS-2500 series can be inconspicuously installed in a variety of locations while still being highly effective. The AS-2500 series is critical to the securing of windows, doors, and walls when **DIAM and DCID requirements for SCIF** need to be met.



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GENERAL DESCRIPTION OF OPERATION

The **American Sound Masking AS-2500** is designed to protect the perimeter surfaces of a secure environment against eavesdropping, resonating them with sound masking and/or misinformation. It is effective against laser eavesdropping techniques, as well as the use of parabolic microphones. When controlled by **American Sound Maskings AS102 Series** security generators and amplifiers, it also protects against sophisticated signal recovery techniques designed to capture conversations buried within the sound masking signal.

INSTALLATION AND OPERATION

The AS-2500 series come completely assembled and ready for installation. The mounting surface measures 3" X 2-7/16". AS2500 series devices contain a non-conventional driver capable of efficient, continuous, long-term service, driven by a standard 70-volt line output. The unit can be configured with a rotary switch to adjust intensity. It is also available with no controls, preventing tampering or sabotage at the unit. Because the AS-2500 series mounts to the surface of the possible breach point, the integrity of construction is not compromised.

As previously noted, a AS-2500 mounts to the surface of a window, door, or wall (*preferably on the inside along the perimeter of the area to be secured*) without needing to drill or cut into the glass, wood, sheetrock, or steel. There is no need to remove any wallpaper, protective coatings, glass treatment, or window film. Any AS-2500 series device can be wired in parallel with any other **E- SERIES** device by American Sound Masking, Inc. The signal should come from a power amplifier with a 70-Volt nominal output. American Sound Masking, Inc provides a more detailed installation document for the AS--2500 series.

It is important to note that AS-2500 series devices are effective only if the sound masking spectrum is set correctly. A factory-trained technician must perform this task. The shape of the sound masking spectrum must be set at the sound masking generator and/or equalizer. Contact American Sound Masking, Inc for specific recommendations for the proper equalization.

SPECIFICATIONS**Driver**

Non-conventional security type.

Enclosure

3" X 2-7/16" X 1-9/16" molded composite plastic housing with an aluminum transfer surface.
Available in beige or black.

Input

70.7 Volts; 2 watt (*without rotary switch*). Rotary switch models have taps at 1/8, 1/4, 1/2, 1, 2, 4 Watts.

Performance

Additional information is available to qualified security professionals.

ORDERING INFORMATION

Model	Description	Weight
AS2520	w/ retractable cord	1lb
AS2530	w/ volume control & retractable cord	1lb

*** Note: This unit must be powered by a generator/amplifier. See ASM-1042 or ASM-1092 generators.**

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