

# Audio Security

## **iProtect 3 Channel White Noise Generator (Item: DNG-2300)**

The DNG-2300 is designed to prevent listening through devices that cannot be detected by conventional countermeasures and installed around the perimeter of a room – wired wall microphones, contact microphones, AC outlet transmitters and window systems based on the reflection of laser/infrared/microwave beams. It is an excellent addition to high level countermeasures.



### Features:

**Stop Covert Listening Devices with the DNG-2300 White Noise Generator. It is well-known that sound distributes through walls, doors, windows and other constructions. In some materials sound travels even better than through air.**

#### **TRULY RANDOM NOISE**

The DNG-2300 consists of 3 independent white noise digital generators. "White" means that the noise is fully random and is equally distributed along the voice spectrum. This distribution provides complete resistance against the filtering of a conversation. Another feature of white noise is its unpredictability i.e. there is no method to wipe it out from a recorded conversation.

#### **VOICE MASKING**

Men's and women's voices consist of lots of frequencies simultaneously produced during speech. These frequencies lie between 100 Hz and 6000 Hz. Listening devices usually have a narrower range mostly because of size limitations, the scheme of the device and battery time. The DNG-2300 has a range of 250-5000 Hz which is optimal to cover all types of voices and suppress all listening devices.

#### **LOOPBACK INPUT**

The DNG-2300 has an input LOOPBACK which allows easy and fast tuning to the necessary level of noise.

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Note: you need transducers TD2300 and Omni Speaker SP2300 for proper function see below for kits

**Make it is buy as a set comes with Omni masking speaker and Transducer the [DNG2300-4 Kit](#) or the [DNG2300-8 Kit](#)**

## Tech Specs:

- Channel 1 and 2 Min load 8 Ohms
- Min load Channel 3 8 Ohms
- Output Max 2 x 8 W
- Frequency 250-Hz
- Power 110~220V

## Includes:

- 110~220V cord with US Adaptor