

OPERATOR'S MANUAL

Model PWN1
Personal White Noise Generator

PWN1 - PRODUCT DESCRIPTION:

The Model PWN1 Personal White Noise Generator produces an adjustable audible random sound with an equal amount of energy per Hertz (Hz) of bandwidth, normally referred to as “White Noise”. This sound can be used to acoustically mask a selected environment. Acoustic masking is where a low level background sound is added to an area in order to:

1. Make other noise coming into an area less distracting or
2. To reduce the chance of overhearing adjacent conversations or
3. To reduce the chance of having your conversation overheard by someone else.

The Model PWN1 has a built in speaker that allows the user to put background noise wherever he/she wants. Place the Noise Generator right next to you on a desk or table or on the other side of the room. The volume control permits the injection of only as much noise as is needed. The idea is not to overpower the offending noise or conversation but to inject just enough random sound to make it less distracting. The noise signal can also be patched into a sound system through the ¼” output jack. This would allow for a broader reaching noise pattern. Care should be taken when doing this as too high a noise signal input could result in damage to the sound system.

White noise produces much more high frequency noise than low frequency noise and could damage tweeter speakers at elevated levels. Many people mistakenly believe that their 1000W speakers can't be damaged with their 250W amplifiers -- until they find the tweeters were rated for 100W. Always start with the gain control of the PWN1 at its lowest position when powering up a sound system.

The Model PWN1 can be powered with a standard 9 Volt battery or can be powered with the battery eliminator provided. Plugging the BE1 battery eliminator into the PWN1 disconnects the battery (if installed) from the circuit so that only the BE1 is actively powering the PWN1.

Please Note: There is no provision for the recharging of batteries in the PWN1.

SPECIFICATIONS

OUTPUT: Signal out - unbalanced ¼" jack, impedance of 620Ω.

OUTPUT LEVEL: Variable to 87dB - 89dB ref; 113dB SPL, 85mV

FREQUENCY RANGE: 25Hz - 20kHz

POWER REQUIREMENTS:

Internal: 9V battery. To access, slide back plastic cover on rear of case.

External: 12Vdc @ 200mA via 3.5mm jack (Model BE1 supplied)

APPROVALS: Emissions: EN55022 B - FCC CLASS B
Immunity: EN55024 B

SIZE (W x H x D); WEIGHT: 3" x 5½" x 1.75"; 7 oz.

CASE MATERIAL: High impact ABS.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Pursuant to Part 15 of the FCC rules, any changes or modifications not expressly approved by Gold Line may cause harmful interference and void the FCC authorization to operate the equipment.

WARRANTY and Factory Service

GOLD LINE products are proudly made in the USA and are covered by a one year limited warranty. For details of this warranty, consult the enclosed warranty registration card or your local dealer.

GOLD LINE Customer Service will help you get the most from your new generator. For answers to questions regarding use of the unit, or for information not covered in this manual, please write us. If you are experiencing difficulties with your generator, please consult your dealer regarding factory service. If factory service is needed, you may call or fax us between 9:00am and 4:30pm US Eastern Time for instructions and a return authorization.

Enter your serial# _____ date of purchase _____

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