



CUSTOMFIT

Sonicguard+™

Powered by MICR(())SONIC®

ELECTRONIC HEARING PROTECTION

CUSTOM FIT Microsonic® Sonicguard+®

Modular electronics - includes a set of 30dB solid plugs and is compatible with Microsonic's PULSE™ professional musician filters.

CUSTOM FIT Microsonic® Sonicguard+® is an active, custom made hearing protection with level-dependent attenuation. If used as directed, the Sonicguard+® protects against dangerous or harmful noise. Harmful sound peaks such as those in loud industrial workshops or shooting ranges are immediately reduced to a tolerable level. Immediately afterwards, the Sonicguard+® readjusts to the ambient noise level, allowing safe levels of noise, such as conversation or warning signals to be heard again.

Special areas of use

// Industrial Applications // Hunting and Shooting

Correct use

The hearing protection is worn in the auditory canal and protects against harmful sounds when fitted correctly. Take the surround or tab between thumb and forefinger and, using light pressure, twist the hearing protection into the ear until it sits comfortably.

DISCLAIMER:

The manufacturer does not assume any liability due to misuse or use other than intended, as described above.

IMPORTANT:

The earplug with the red mark or "R" is intended for the right ear!

Instructions for use

Failure to follow these instructions may result in hearing damage. Sonicguard+® should be worn at all times during exposure to harmful levels of noise.

Consult with your audiologist regularly to ensure proper fit and seal of the custom earmolds, as changes in auditory canal shape may jeopardize device effectiveness.

WARNING: *The earplugs should not be worn with a cord when there is a danger that it could get snagged or caught in moving machinery. In this case, we recommend removing the cord.*

The CUSTOM FIT **Microsonic® Sonicguard+®** is fitted with a device for level-dependent sound attenuation. Before use, please check that it is working properly.

Proper Battery Insertion: See images to the right >>>>>

We recommend that the battery be replaced if any distortion or loss of performance is noticed. In order to do this, carefully open the battery door, remove the battery, remove the protection strip of the new battery, and place the new battery into the battery slot in the door. Then close battery door.

Performance may decline as the battery becomes expended. The normal timespan for continuous use (during which the hearing protector's battery can be expected to deliver the required performance) is approximately 80 hours. We recommend that you remove the battery from its compartment when not in use.

WARNING: *The output sound pressure level of this hearing protection's built-in circuit for level-dependent sound attenuation may exceed permitted daily exposure limits.*

Using the program button

The button allows you to select one of 3 amplification options (quiet, medium, loud) and thus adjust the volume of your **Sonicguard+®** independently. There are beeps associated with each level of volume:

[lowest] Level 1 = 1 beep / Level 2 = 2 beeps / Level 3 = 3 beeps [highest]

Storage and Care

Store your hearing protection in the case supplied. Remove the electronics and clean the custom earmold [silicon part] after each use. Remove any earwax residue using the pin provided.

Maximum permissible temperature for transport and storage: +130F

IMPORTANT: *The electronics must not come into contact with moisture. Before cleaning the product, remove electronics from the earmold.*

This product may be susceptible to certain chemical substances.



Specifications

Frequency (Hz)	Sound Attenuation Average value * (dB)	Standard deviation (dB)	APV (Assumed) Protection * * (dB)
63	27.33	.8	23.5
125	28.95	.2	23.7
250	38.34	.1	24.2
500	29.24	.6	24.6
1000	28.14	.6	23.5
2000	31.35	.5	25.8
4000	23.94	.6	19.3
8000	39.07	.4	31.6

Sound Attenuation

NRR 24 dB according to ANSI S.3. 1974 | SNR 24 dB according to EN 352-2

For further information, please phone us at 1-800-523-7672 or send us an email at info@microsonic-inc.com or visit online at www.microsonic-inc.com
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Proper Battery Placement

This product uses a common #10 coin cell battery. Correct battery placement is critical for proper operation. Hold the device in its upright position (white button on bottom); open the battery door; place the battery into the door (do not slide battery inside the unit). Remove yellow adhesive tab. Close door.

[Pictured: left earplug]





For more information, please call us at 1-800-523-7672
Email: info@microsonic-inc.com or Visit: microsonic-inc.com
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