

Maxisafe Bluetooth Earmuff 28dB - Class 5

HRE661-BT

Product Overview

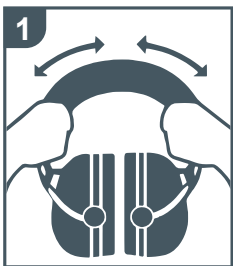
The Maxisafe HRE661-BT Bluetooth Earmuffs provide superior hearing protection with the convenience of Bluetooth connectivity, ensuring both safety and communication in noisy environments. These earmuffs are designed for use in a variety of industrial and recreational settings where high noise levels are present.

Product Overview

- Class 5 Protection, SLC80 28dB
 - Offers maximum protection in high noise environments.
- Up to 30 Hours Battery Life (Bluetooth Mode)
 - Ensures long-lasting performance throughout extended work periods.
- Rechargeable Battery
 - Convenient and environmentally friendly power solution.
- AUX Connectivity
 - Allows for wired audio connections when Bluetooth is not available or desired.
- Microphone for Calls
 - Enables clear communication without removing the earmuffs.



Instructions for Use



1. Extend the headband before use, Place the ear cups over each ear, make sure the microphone in the forward position to obtain the best listening condition.



2. Adjust the headband by sliding the headband up or down to fit position.



3. The ear cushions should seal the ear firmly against the head. For best results, remove all hair under the cushion, Noise reduction will be adversely affected by anything that impairs the seals of the earmuff cushions against the head, such as thick spectacle frames, hats, etc.

Standards & Certification

Certified to AS/NZS 1270:2002



Bluetooth Earmuffs

Sound Attenuation Values

Hearing protector Class 5 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 105dB, assuming an 85dB criterion. A lower criterion may require a higher protector class.

Frequency (HZ)	125	250	500	1000	2000	4000	8000	Clamping Force	SLC ₈₀	Class	Weight
Mean (dB)	14.9	17.5	28.8	33.4	31.4	34.9	38.1	10.7N	28dB	5	348g
SD (dB)	3.3	2.5	3.1	2.4	3.0	3.1	3.7				
Mean-SD (dB)	11.6	15.0	22.7	31.0	28.4	31.8	34.4				

Important Note: SLC₈₀ rating could be different in your ears as each canal is different so it is hard to get accurate readings.

Noise	Class	Noise Levels
Sandblasting / Jack Hammers	5	105 to less than 110
Chainsaws / Fire Pumps	4	100 to less than 105
Lawnmowers/Grinders	3	95 to less than 100
Inside Truck	2	90 to less than 95
Engine Room	1	less than 90

Determination of Class:					
Class	1	2	3	4	5
SLC ₈₀ dB	10-13	14-17	18-21	22-25	26 or greater

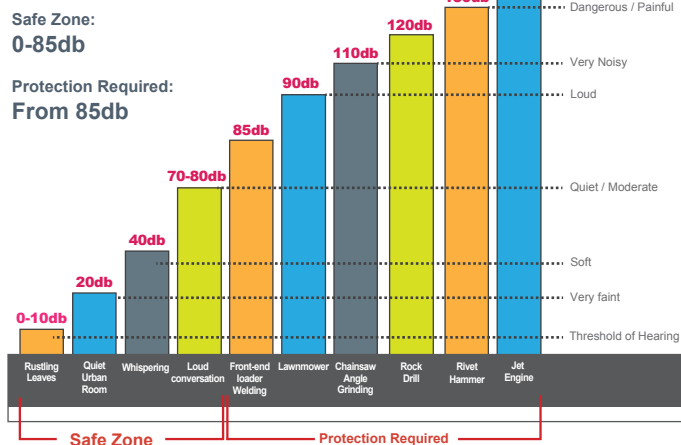
WARNING : The reported attenuation of the Maxisafe ear plugs will only be obtained if it is in good condition and is fitted as directed. Reference should be made to AS/NZS: 1270:2002 to ensure the correct selection and use of protector.

Common noise sources and their typical sound levels

Typical sound level in db	Sound source
140	Jet engine at 30m (pain can be felt at this threshold)
130	Rivet hammer (pain can be felt at this threshold)
120	Rock drill
110	Chain saw Angle grinding
100	Sheet-metal workshop
90	Lawn-mower
85	Front-end loader Listening to a personal music player in a quiet room
80	Kerbside heavy traffic Lathe Welding
70	Loud conversation
60	Normal conversation
40	Quiet radio music
30	Whispering
20	Quiet urban room
10	Rustling leaves
0	Hearing threshold

Taken from Compliance Code Noise - Edition 2

Understanding Noise and Sound Levels WORK SCALE



Noise is considered **Health Hazard #4** according to Worksafe Victoria
<https://www.worksafe.vic.gov.au/noise>

For more details download a copy of Compliance Code Noise Edition 2, 2019 (Part 3 -Duties of Employers)
<https://www.worksafe.vic.gov.au/resources/compliance-code-noise>

Maxisafe's HRE661-BT Bluetooth Earmuffs combine advanced hearing protection with modern connectivity, ensuring safety and convenience for professionals in noisy environments.