

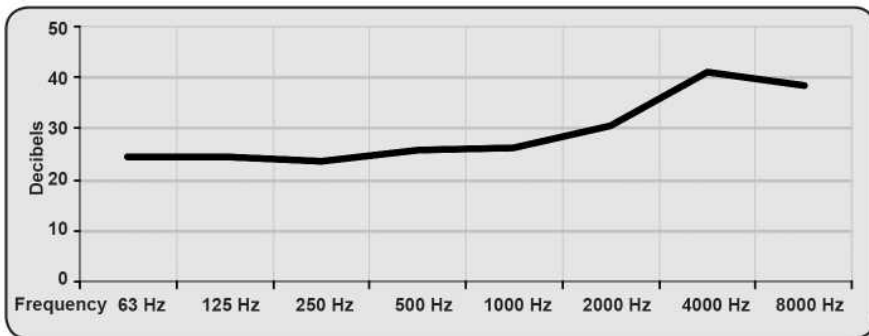
# ultimate<sup>TM</sup>

## Hearing Protection Systems

Certified category 3: Unique to ultimate and our Bluetooth SoundEar range, as they are constructed of two different compounds of silicone. The main construction of the plug is 40 shore medical grade silicone for strength, and to contain the cable and components, holding them securely within the plug. The SoundEar also has 25 shore medical grade silicone for the ear canal where comfort and flexibility is the absolute key to genuine sustained use. The Bluetooth SoundEar benefits from a small single balanced armature speaker chosen to offer a fantastic level of detailed sound. The combined result is clear quality sound, coupled with the noise reduction of a custom ear plug.

Custom, lightweight and compact, the Bluetooth SoundEar provides 31dB of hearing protection, as well as allowing you the ability to connect to radios and phones.

Frequency: 5 kHz / SPL: 117dBA / Impedance: 10.2ohms



Frequency Hz	63	125	250	500	1000	2000	4000	8000
Assumed protection dB	24.5	24.5	23.7	25.8	26.4	30.8	41	38.5

**SNR = 31**

**H = 32**

**M = 27**

**L = 26**

SNR	Average attenuation characteristics in the standard frequency spectrum.
H	Average attenuation characteristics in the higher frequency spectrum ( $x > 2000\text{Hz}$ )
M	Average attenuation characteristics in the middle frequency spectrum ( $500 < x < 2000\text{Hz}$ )
L	Average attenuation characteristics in the low frequency spectrum ( $x < 500\text{Hz}$ )

## For More Information

+44 (0)1689 876885

sales@ultimateear.com

Ultimateear, 13 Moorfield Road, Orpington, Kent, BR6 0HG

Standards/Technical specifications applied:  
EN 352-2: 2002

**Certificate number: 2777/13731-01/E00-00**

Technical reports/Approval documents:

INSPEC Certificate: 2021

INSPEC Test Report: 1.10.01.72

SATRA: CHM0288872/1934/JH/A, CHM0288872/1934/JH/B

[www.ultimateear.com](http://www.ultimateear.com)

## Bluetooth SoundEar Specification Sheet



### Bluetooth Specification

Talk time: 9 hours

Music playback time: 8.5 hours

Standby time: 180 hours

Bluetooth version: 5.0

Operating range: 10m

Charge time: 90 minutes

### Each set contains...

A set of Bluetooth SoundEar Plugs

Carrycase

Fitting and cleaning guides

Cleaning tool

Comfort Cream Cleaning

wipes Your ear moulds

