

Quick start - Microphone

With the Pluggerz Protect & Communicate Microphone you can listen to music, navigation or speech while protecting your hearing. The microphone makes it possible to communicate with others.

Application

For listening to music, two way communication via microphone, using a walkie talkie or navigation system in a noisy environment.

The filter

The Microphone headset has a flat filter with an attenuation of 17 dB. The complete attenuation values are as follows:

MICROPHONE AMBIENT + M15

FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
A	19.4	18.1	17.0	16.8	17.5	17.8	18.2				
S	4.2	4.8	4.2	4.0	3.7	2.1	4.6	15	14	13	13
APV	15.2	13.3	12.8	12.8	13.8	15.7	13.6				

MICROPHONE AMBIENT + M20 / M25

FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
A	19.4	18.1	17.0	16.8	17.5	17.8	18.2				
S	4.2	4.8	4.2	4.0	3.7	2.1	4.6	15	14	13	13
APV	15.2	13.3	12.8	12.8	13.8	15.7	13.6				

Attenuation Pluggerz hearing Protector:

A Average attenuation in dB

S Standard deviation in dB

APV Assumed protection value in dB

SNR Single number rating

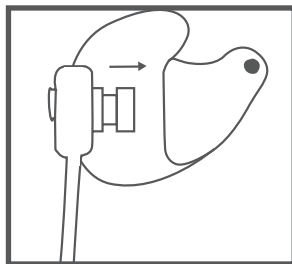
H Protection value in high frequencies in dB

M Protection value in medium frequencies in dB

L Protection value in low frequencies in dB

Using the headset

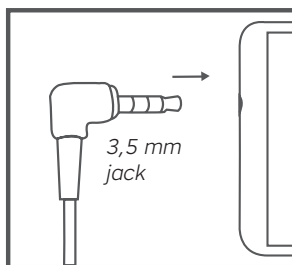
You can connect the headset to the Custom-Fit earplugs by removing the filter from the earplugs. Take the grip on the earplug and gently pull it out of the earplug. Then, press the speaker of the headset in the opening of the earplug. The earplugs fit correctly when the tip points down and the L/R mark matches the L/R mark on the headset.



Connection to your device

The headset can be connected to a mobile phone, navigation system or walkie talkie using the 3,5 mm jack connector.

Note: this communication set can only be used on one side. For the right protection, use the earplug with original filter in the other ear.



Technical specs

Audio transducer Balanced fixture

Speaker impedance $\approx 50 \Omega$

Output level 82.5 dB

(EN-352-10:2020)

Electret microphone Pressure sensitive, noise cancelling -50dB +/- 3 dB

**Connection using
CTIA standard**



Certification

EN352-2 and EN352-10 certification

This manual only applies to the communication product. For the use and maintenance of the earplugs, please consult the Pluggerz Custom-Fit manual.