

# Quick start - Speaker

With the Pluggerz Protect & Communicate Speaker you can listen to music, navigation or speech in loud environments while protecting your hearing.

## Application

To listen to music, one way communication, using navigation systems in a loud environment (wired).

## The filter

The Speaker headset has a flat filter with an attenuation of 17 dB.

The complete attenuation values are as follows:

FREQ.	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	SNR	H	M	L
A	15.7	16.3	15.5	13.0	17.4	27.0	25.3	33.0	19.9	23.2	16.6	15.1
S	4.2	3.6	2.8	3.3	3.2	4.3	4.2	6.8	2.1	2.7	2.3	2.2
APV	11.5	12.7	12.7	9.7	14.2	22.7	21.1	26.2	18	21	14	13

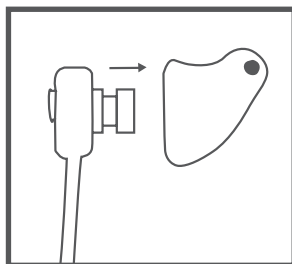
### Attenuation Pluggerz hearing Protector:

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

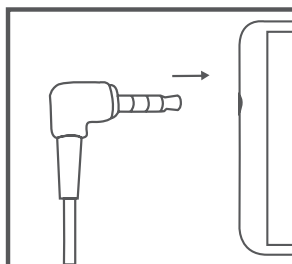
## Using the headset

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

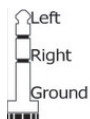
The headset can be connected to a mobile phone or navigation system using the 3,5 mm jack connector.



# Technical specs

Audio transducer	Balanced fixture
Speaker impedance	$\approx 50\ \Omega$
Output level (EN-352-10:2020)	82.5 dB

## Connection



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.*