

**HEARING  
PROTECTION  
+ COMMS KIT  
OPERATOR**



Crescendo

# SHOOTING HEARING PROTECTION FOR AIR TUBE RADIO COMMUNICATION SYSTEMS.

- Helps prevent hearing damage
- Patented IMPULSE® filters suppress impulse noise while maintaining speech
- Improves radio communication intelligibility in a noisy environment by at least 35% compared to an open system <sup>1</sup>
- Medical grade ear tips
- Easy to clean

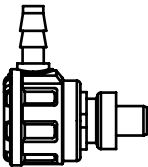
<sup>1</sup> Megan Adler, Au.D. (2021). Communication Adapter Study, Phonak Audiological Research Center (PARC). For further information contact [claims@sonova.com](mailto:claims@sonova.com).

# HEARING PROTECTION + COMMS KIT

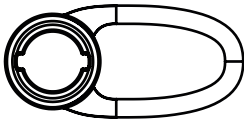
## OPERATOR

**PACKAGING SPECIFICATION**  
Material: FSC® certified paper  
Dimensions: 132 x 65 x 32 mm  
Weight: 40 g

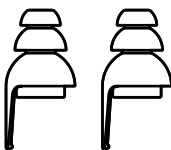
**INCLUDES:**



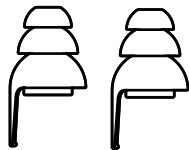
**1 COMMS ADAPTER + 1 FILTER**  
Dimensions: Ø 10 x 16 x 18 mm  
Colour: Black



**1 CONCHA LOCK**  
Dimensions: 26 x 12 x 3 mm  
Colour: Grey



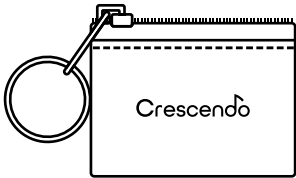
**2 EAR TIPS MEDIUM**  
Nominal diameter: 6-11 mm  
Colour: Brown  
Material: Medical TPE



**2 EAR TIPS LARGE**  
Nominal diameter: 7-12 mm  
Colour: Brown  
Material: Medical TPE



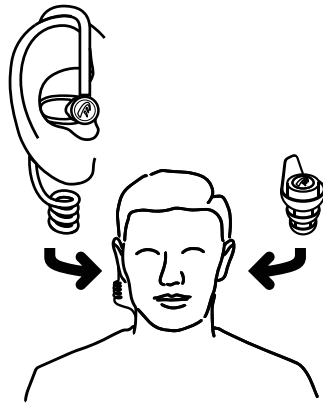
**2 IMPULSE® FILTERS**  
Dimensions: Ø 6.5 x 3.5 mm  
Colour: Black



**1 STORAGE POUCH**  
Dimensions: 60 x 45 mm  
Colour: Black

\*Air tube not included.

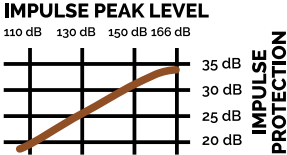
Suitable for air tubes\* with an inner diameter of 1.5 mm to 1.8 mm.



**FEATURES:**



**33 dB PEAK IMPULSE REDUCTION (IPIL)**  
Provides up to 33 dB of impulse protection by reducing impulse peaks to safer levels.



**SPEECH CLARITY**  
Improves communication, by suppressing background noise.

**RANGE:**



**OPERATOR**  
PR-2270



**SECURITY**  
PR-2271

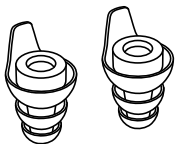
# HEARING PROTECTION + COMMS KIT WHY CRESCENDO?



## SPECIAL IMPULSE® FILTERS

High-end IMPULSE® filters cancel impulse and loud sounds and noise while keeping relevant sound and speech.

**IMPULSE® filters:**  
Optimum protection  
from high levels of  
impulse sounds.



## MEDICAL GRADE TPE EAR TIPS

Our ear tips are made of a medical grade TPE. This material is designed to meet the strict requirements of medical devices for use in the human body and are free from PVC, phthalates, BPA, latex and oil, offering a safer and more comfortable replacement for materials such as silicone, flexible PVC and Polyurethane.



## 100% QUALITY CHECK

We guarantee the performance of your Hearing Protection as we carried out a 100% final acoustical test on the filters. When correctly fitted you can be certain that you will receive the protection level as stated on the packaging.



## COMPLIANCE

Crescendo Hearing Protection complies with PPE regulation EU 2016/425, developed and manufactured to ISO 9001:2015 at our certified production facilities in the Netherlands.



## ECO FRIENDLY PACKAGING

Packaging manufactured from FSC® certified paper and produced CO<sub>2</sub> neutral in the Netherlands.



## DYNAMIC EAR COMPANY

Crescendo is a brand of Dynamic Ear Company B.V. Dynamic Ear Company B.V. develops and manufactures innovative hearing protection, personal audio and sound management solutions for industry, military, leisure and musicians.



## SONOVA GROUP

Dynamic Ear Company is part of the Sonova group. Sonova is a global leader in innovative hearing care solutions: from personal audio devices and wireless communication systems to audiological care services, hearing aids, cochlear implants and hearing protection.