

Take a good ear impression for in-ear monitors

A perfect ear impression is the essential starting point for an optimal final product.

In the interest of ensuring the best possible quality of our products, **we reserve the right to refuse any ear impression that doesn't meet our standard of quality.**

In-ear monitor must be as seal as molded hearing protection devices. As they are generally more voluminous than earmolds for hearing aids, it is necessary that the ear impression also include some external parts of the ear (see drawing).

- The ear impression must be deep, at least up to the second bend and all spaces in the concha must be perfectly filled, especially in the region of cymba **(1)**.
- The ear impression must overflow all around the concha, especially between the tragus and the branch of the helix **(2)**, where the connector will take place.
- Ideally, flatter the top of the impression using a plastic film **(3)**.
- The ear impression must have no imperfections of surface and unfilled spaces **(4)**.
- Do not cut the ear impression, neither on the canal nor around the concha.

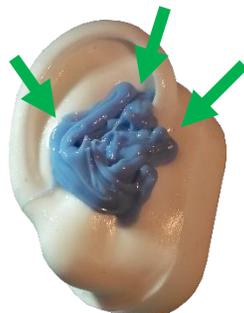
Fill 100% of the concha including the cymba



Bad: Not enough material



OK



Perfect (3)



Bad:

Unfilled spaces (4)



Not enough material (2)

Position of the jaw

The shape of the ear canal slightly varies according to the position of the jaw. In order to obtain the best sealing of the final product, it is necessary that the position of the jaw during the ear impression process is on average what it will be during the use of the product:

- For singers or wind instruments it is better to keep the jaw semi open.
- For other musicians who don't sing or for and HiFi application it would be better to keep the jaw close.
- In any case, it is important to **don't move the jaw** and don't clench teeth during the hardening of the impression.