

Quick Guide

45CA with 43BB Low-noise System – Mounting the Preamplifiers

Mounting Preamplifiers and Ear Simulators onto the KB5010/5011 Anthropometric Pinnae

When 45CA is configured with the 43BB-3 Low-noise Ear Simulator System for 45CA, the preamplifiers are mounted at an 8° angle to make room for them and prevent them from touching each other. This is accomplished with an angled adapter between ear simulator and preamplifier.

If assembled at the factory, the preamplifiers are mounted in this way. If you retrofit a 45CA with the 43BB Low-noise system, you must ensure that the two preamplifiers are mounted as shown in Fig 1D.

If, on completion, one of the preamplifiers points in the wrong direction* compared to its opposite counterpart, the solution is to replace the angled adapter (GR2276-A) for one of the preamplifiers with an adapter which is similar, but with the thread offset 180° (GR2276-B). This adapter can be ordered from GRAS.

The assembly of pinnae+ear simulators+preamplifiers is done outside the head as described in the *Manual 45CA Unconfigured*. This manual can be downloaded at gras.dk/45CA.

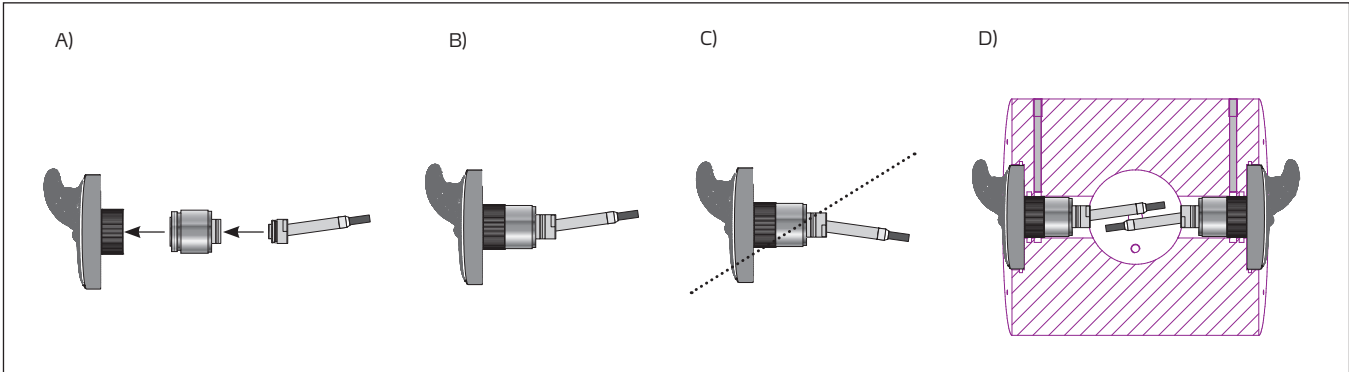


Fig. 1. Assembling anthropometric pinna, ear simulator and preamplifier.

A) Ear simulator and preamplifier are screw-mounted onto the anthropometric pinna.

B) When tightened, the preamplifier is mounted at an 8° angle using GR02276-A.

C) If the preamplifier points in the wrong direction compared to its opposite counterpart, replace it with a similar adapter with the thread offset by 180°. (GR2276-B).

D) 45CA shown from below.

Optional Item

Angled adapter for 45CA	GR2276-B
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* This may happen if the starting point of the threads in the pinnae are not the same, which may be the case if they do not come from the same production batch.