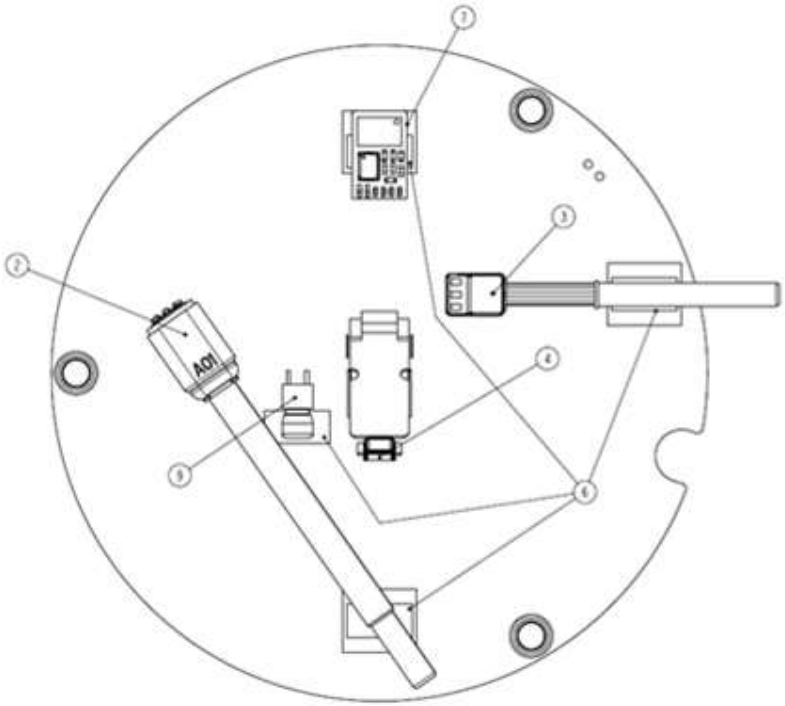
Radio Model - Quick Installation Guide

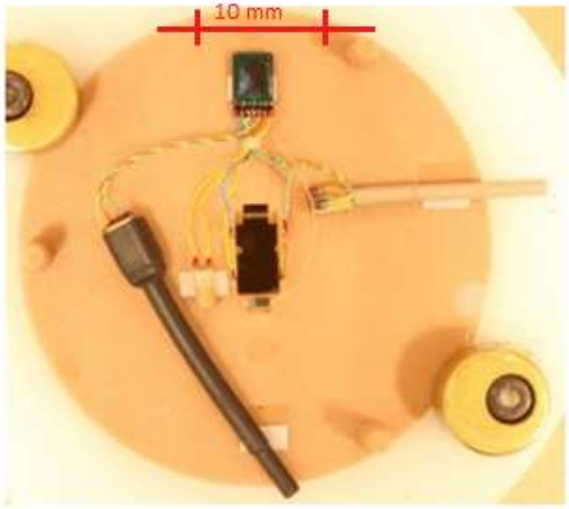
Radio Model Name: Aurora CIC

The Aurora CIC radio model contains a radio transceiver running at 3.84 MHz implemented on a single hardware platform.

The 3.84 MHz radio is a low power, short range inductive radio transceiver working at a single channel at 3.84 MHz using MSK modulation with 320 kbit/s data rate and connected to a small coil antenna.

The radio model is implemented in an engine module mounted on the main PCB with connections to the antennas, the microphones, the speaker and the battery terminals. The radio model can be seen in in the pictures below:





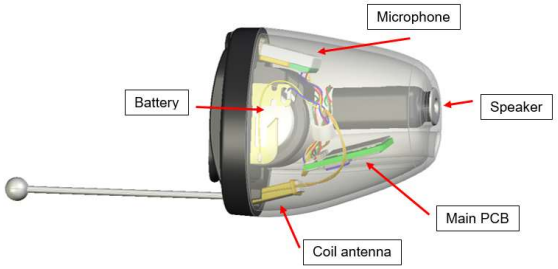
Radio Model - Quick Installation Guide

Radio Model Name: Aurora CIC

1: Main PCB
2: Speaker
3: Microphone
4: Coil antenna (optional)
6: Double adhesive tape to temporary hold the components
9: Push button (optional)

The Aurora CIC radio model requires only a single cell battery to be attached and a customized plastic shell, holding everything together, in order to be operational as a fully functional hearing aid.

An example is shown here:



The Aurora CIC radio model is intended to be installed in Philips wireless CIC hearing aid devices (Completely-In-the-Canal) styles.

Radio Model - Regulatory Label Information for USA & Canada

The following information will be part of the User Manual for the final product:

Radio Model Name: Aurora CIC

Contains: FCC ID: 2ACAH-AUCIC
IC: 11936A-AUCIC

NOTICE:
This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this equipment not expressly approved by SBO Hearing A/S may void the FCC authorization to operate this equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Model - Regulatory Label Information for Japan

Radio Model Name: **Aurora CIC**

Description: Radio module with 3.84 MHz low power Near Field magnetic Induction to be integrated into Philips hearing instruments and associated devices.

Regulatory label:

No label requirements due to category: **EWPE – Extremely Weak Power Equipment**	N/A