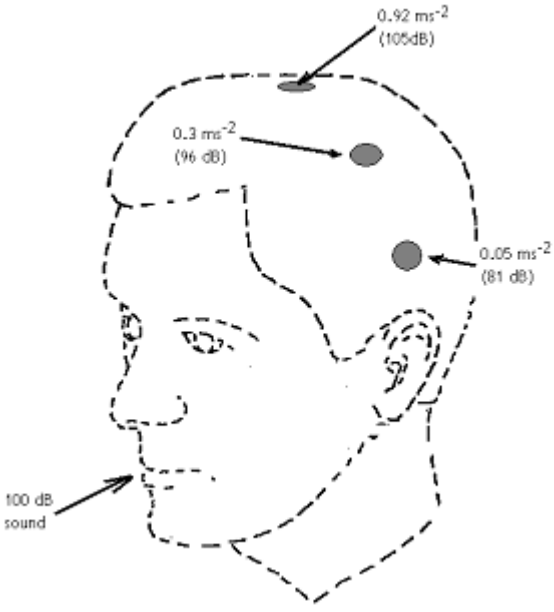
The LD173C Demonstration Unit

The demonstration unit consists of:

1 microphone, which is covered by plastic
1 loud speaker
2 separate LD173C

The LD173C is a piezoelectric sensor designed for communication purposes. It is single-axial vibration pick-up. Measured value is acceleration in axis direction. The sensor is designed for measurement of acoustically invoked vibrations of audible spectrum in communication frequency band. The shape is custom tailored for use as a sensor in osteo-communication system inside helmets.
The unit features low sensitivity to air conducted sound. Therefore it allows receiving clear speech signal also in very noisy environment.



Instructions for use:

- Plug the device in to 230V/50Hz power mains.
- Place the sensor on top of head.
- Switch the unit on by the power switch on the front panel.
- Say something.
- If you hear nothing, modify signal level by knob “Volume”.
- Do not allow direct vibration junction between the sensor and the loudspeaker (i.e. by placing both on a table). Feedback squeak will arrive.

Note: Please look at the level difference in the picture. The best position is on the top of the head.

Power supply: 230 V/ 50 Hz

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