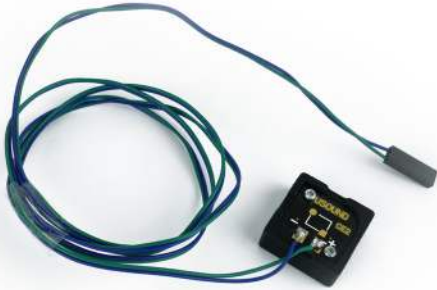# U))) SOUND

SPEAKER BOX

CARME 3.0 UJ-R1030
QUICK USER GUIDE

Carme 3.0 is a speaker box designed for testing the performance of our Ganymede MEMS speaker series.

Carme 3.0 is designed to be compatible with our latest development board Helike.
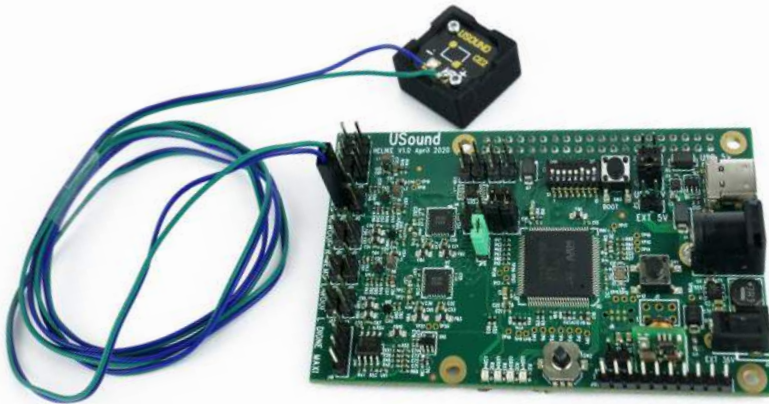
*The speaker is not included.

FEATURES

- Speaker box with 100 mm³ back volume
- Provides a convenient way to connect and test Ganymede MEMS speakers (Adap and Achelous)
- Compatible with the development board Helike UA-E3010

PACKAGE CONTENT

- Shell and speaker gasket glued
- PCB with 1 m cable to 2.54 mm crimp tin contact
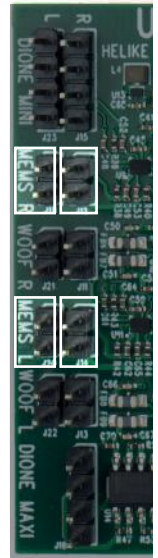- Housing gasket
- Two screws
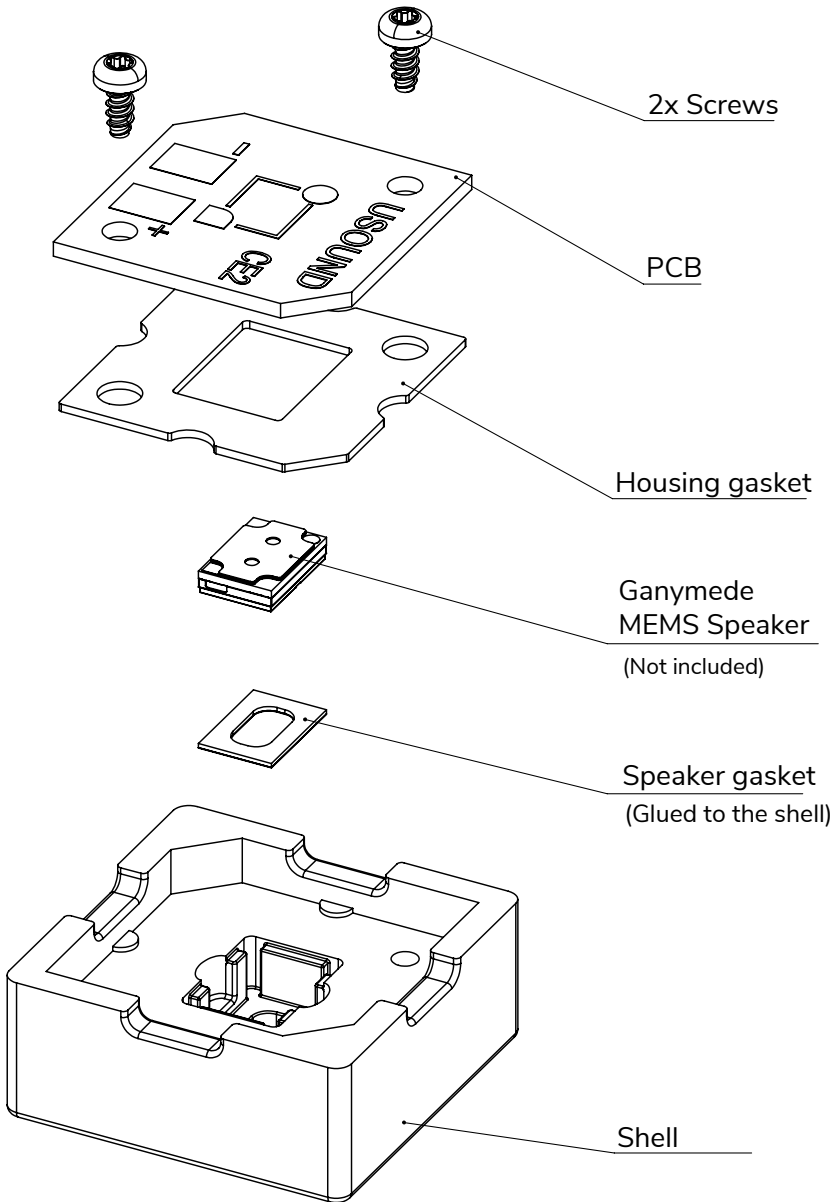
*Carme is delivered assembled.

SETTING UP THE SYSTEM

- ■ To put the Ganymede MEMS speaker inside of the speaker box, first, unscrew and separate the PCB from the shell.

- ■ Remove the housing gasket and place the Ganymede MEMS speaker with the contact side up.

- ■ Place the housing gasket and the PCB on the shell, matching the orientation marks available on the speakers and on the PCB. For proper sealing, ensure that the screws are correctly tightened.

- ■ Make sure that the green wire (connected to the + pad in Carme 3.0) must be connected to the upper pin on the Helike board as seen in the photo above.

- ■ Carme 3.0 can be connected to both headers (MEMS L or MEMS R) as seen in the picture on the right.

The correct placement of the Ganymede MEMS speaker is illustrated on the following page.

The speaker box Carme 3.0 is an accessory of the development board Helike UA-E3010. Should you require assistance or further information, please contact **sales@usound.com.**

2x Screws

PCB

Housing gasket

Ganymede
MEMS Speaker
(Not included)

Speaker gasket
(Glued to the shell)

Shell

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Carme 3.0 UJ-R1030 Quick user guide
Released on September 2020
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