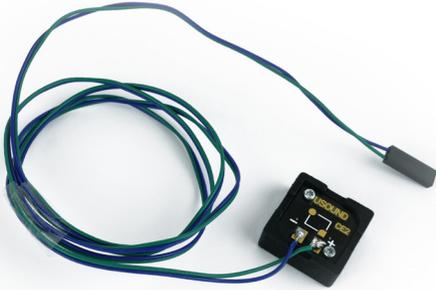


U))) SOUND

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

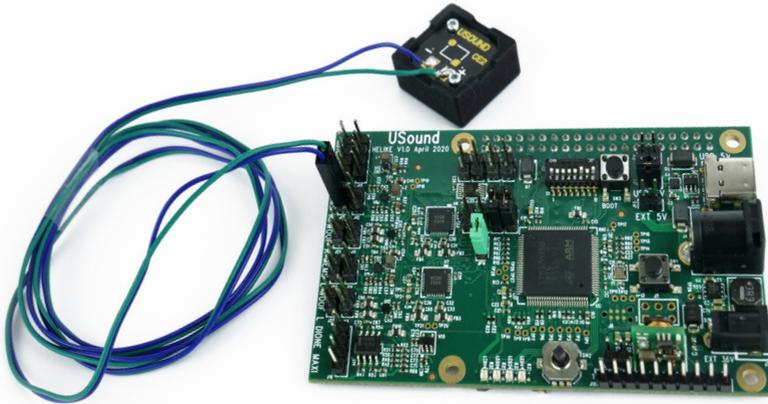
- Speaker box with 100 mm³ back volume
- Provides a convenient way to connect and test Ganymede MEMS speakers (Adap and Achelous)
- Compatible with the development board Helike UA-E3010

PACKAGE CONTENT

- Shell and speaker gasket glued
- PCB with 1 m cable to 2.54 mm crimp tin contact
- Housing gasket
- Two screws

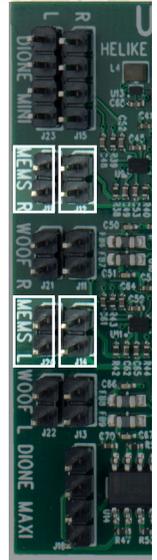
*Carme is delivered assembled.

SETTING UP THE SYSTEM

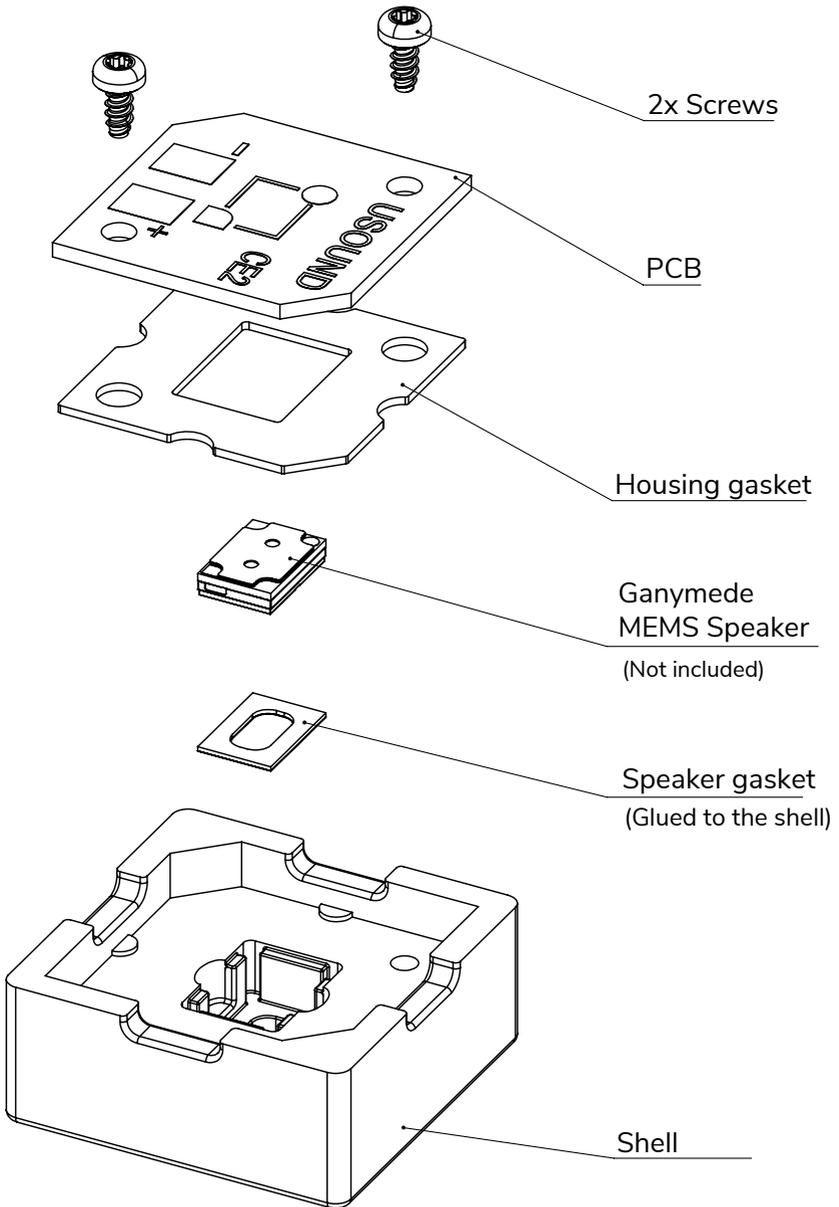


- To put the Ganymede MEMS speaker inside of the speaker box, first, unscrew and separate the PCB from the shell.
- Remove the housing gasket and place the Ganymede MEMS speaker with the contact side up.
- Place the housing gasket and the PCB on the shell, matching the orientation marks available on 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.



IMPORTANT NOTICE AND DISCLAIMER

USound GmbH ("USound") makes no warranties for the use of USound products, other than those expressly contained in USound's applicable General Terms of Sale, located at www.usound.com. USound assumes no responsibility for any errors which may have crept into this document, reserves the right to change devices or specifications detailed herein at any time without notice, and does not make any commitment to update the information contained herein. No license to patents or other intellectual property rights of USound are granted in connection with the sale of USound products, neither expressly nor implicitly.

In respect of the intended use of USound products by the customer, the customer is solely responsible for observing existing patents and other intellectual property rights of third parties and for obtaining, as the case may be, the necessary licenses. For more information about USound patents visit <https://www.usound.com/patents/>.

Important note: The use of USound products as components in medical devices and/or medical applications, including but not limited to, safety and life supporting systems, where malfunctions of such USound products might result in damage to and/or injury or death of persons is expressly prohibited, as USound products are neither destined nor qualified for use as components in such medical devices and/or medical applications. The prohibited use of USound products in such medical devices and/or medical applications is exclusively at the risk of the customer.