

XCVario Speaker Replacement

Upgrade to an Improved Speaker for Better Sound Quality or fix a broken one.

Required Tools

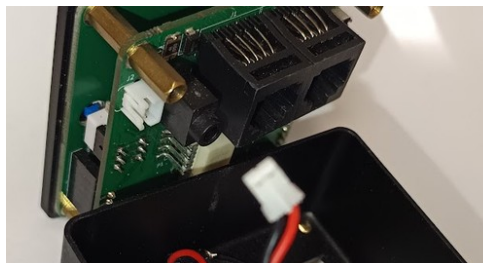
- Small Phillips screwdriver (PH0 or PH00)
- Contact adhesive (recommended: **Pattex Classic Contact Glue**)
- Small scraper or fine abrasive pad

Installation

1. Remove the four screws from the back of the housing using a small Phillips screwdriver.

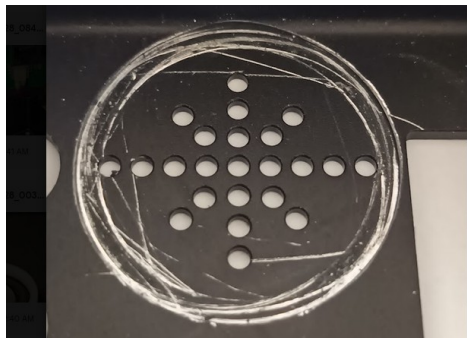
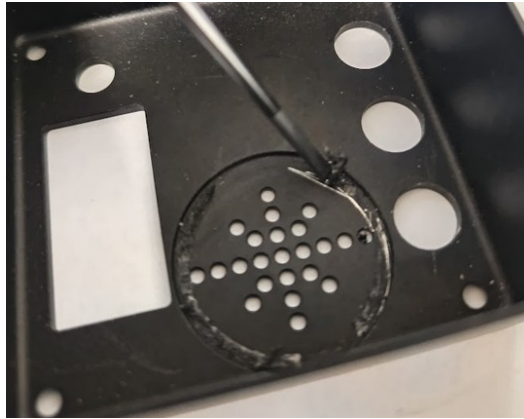


2. Carefully unplug the speaker connector from the PCB.



3. Remove the old speaker.

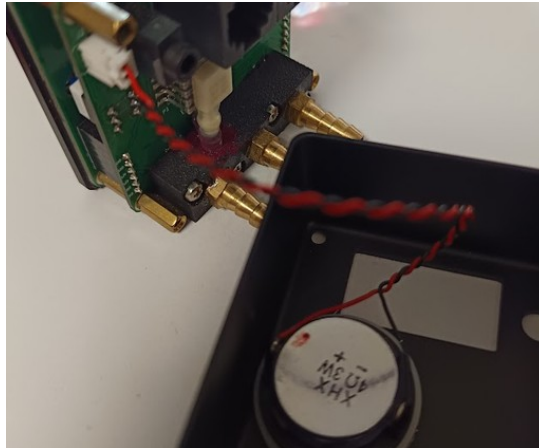
4. Remove all remaining adhesive and debris from the mounting surface. Lightly roughen the surface to remove the anodized layer, improving adhesive bonding.



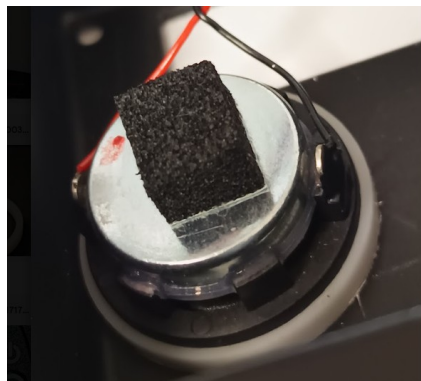
5. Glue the new speaker into position.
 - We recommend **Pattex Classic Contact Glue**.
 - The adhesive can be applied using the *wet-on-wet* method.
 - **Important:** Only XCVario models **prior to V2** require the supplied **spacer ring**. V2 and later models already provide approximately **2 mm** of clearance for the speaker diaphragm and do **not** require the spacer ring.



6. Connect the speaker cable to the PCB.



7. Place the supplied rubber pad on the rear side of the speaker. It keeps the speaker firmly in position while the adhesive cures.



8. Carefully close the housing.

- Make sure the speaker cable is not pinched.
- Reinstall the four rear screws.



Notes

- Allow the adhesive to cure according to the manufacturer's recommendations before exposing the device to vibration or transport.
- Verify that the speaker diaphragm can move freely and is not touching the housing or spacer ring or glue.
- After reassembly, power on the unit and verify proper audio operation.