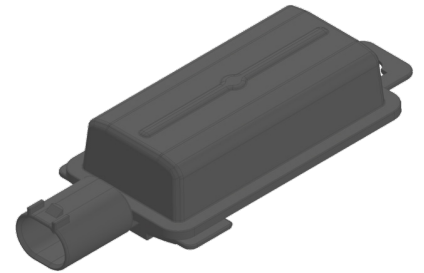




Ac2ated Sound

The lightweight & compact solution for different audio applications



Ac2ated Sound is a lightweight, compact audio solution developed by AUMOVIO Engineering Solutions. It uses actuators instead of traditional speakers to deliver full-range sound (20 Hz–20 kHz), enable noise cancellation (ANC/RNC), and support advanced audio features like AVAS and invisible headrest sound—all while offering flexible and hidden installation options.

In car sound:

- Reducing transducer variety with two types of actuators
- Cover the complete audio spectrum from 20 Hz - 20 kHz
- Installation in various locations/areas due to compact size
- New design freedom due to omitted speaker grilles

Acoustic vehicle alerting system:

- Compact solution for AVAS requirements
- Low frequency extension via bass actuator for enhanced sound design capabilities
- Customized exterior acoustic experience

ANC/RNC:

- Bass actuator for low frequency ANC up to 250 Hz
- Bass actuator with low temperature drift
- Headrest integrated actuators for RNC up to 1 kHz
- Compact and invisible integration into headrest
- ANC/RNC system in cooperation with partner

Invisible sound headrest:

- Seamless integration into the headrest
- No holes or grilles required
- Compact stereo pair per headrest (L&R)
- Transducers as basis for different applications:
 - Road noise cancellation
 - Private sound zones
 - Communication enhancement

