

# ARKAMYS

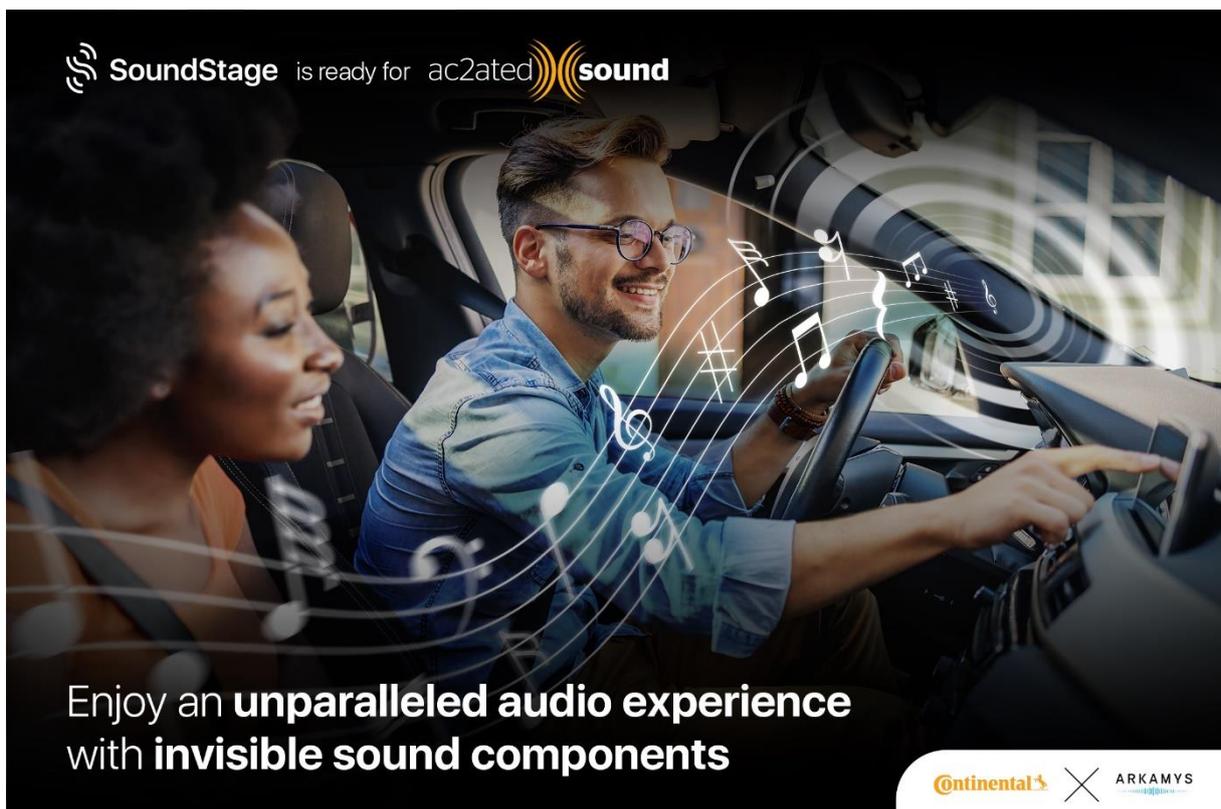


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### Arkamys and Continental showcase innovative actuator technology.

Arkamys and Continental have joined forces to bring a truly ingenious solution to the world of automotive audio. Their goal was to overcome several industry challenges that are prevalent in high-volume car lines.

Continental sound actuators were installed in a demonstration vehicle originally equipped with conventional commodity speakers. Arkamys combined its sound enhancement software with various loudspeaker and actuator configurations, and then selected the best to fine-tune. The result is remarkable.



The demo car features various sound reproduction systems, and manufacturer-friendly perks, like scalability, space and weight savings, reduced components, and concealed integration - Continental actuators do not require a grill like conventional speakers would do. All other hardware and software components of the vehicle remain the same!

Continental's Ac2ated Sound technology is an absolute game-changer for vehicle audio hardware, replacing conventional speakers with expertly designed actuators. Continental have designed just two

actuators that can be integrated into all vehicles - One for low frequencies, and the other for mid-high frequencies. There is no need to re-design the actuators for each vehicle or configuration.

For 15 years, Arkamys has integrated their SoundStage software and tuning expertise into millions of vehicles worldwide. For the first time, they have adapted their full algorithmic suite to Continental's actuator technology, allowing their audio engineers to create an unparalleled listening experience.

*"The combination of our speakerless Ac2ated Sound solution and Arkamys' in-vehicle audio software has empowered us to create a revolutionary alternative audio solution specifically for volume market car lines", says Ulrich Lueders, head of strategy and portfolio at Continental's business unit Human Machine Interface.*

Continental actuators give OEMs new freedom in interior design: audio sources become invisible, with fewer components, space and weight savings are up to 90% greater, allowing OEMs to reduce their vehicle's CO2 emissions.

*"Arkamys sound engineers have been really impressed with the automotive grade actuators developed by Continental. Using our market-proven SoundStage solution, we were able to reach an unprecedented in-car listening experience. The complete solution can be used under white label, meaning the manufacturer has the freedom to create a bespoke marketing strategy around their own brand." says Guillaume Luiggi, Arkamys CEO.*

Contact us for further information or if you are already interested in a full demonstration of the actuators in action! Our experienced team is at your service.

## **ARKAMYS TEAM**

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**ABOUT CONTINENTAL** Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. Continental generated preliminary sales of €37.7 billion in 2020 and currently employs more than 235,000 people in 58 countries and markets. In 2021, the company celebrates its 150th anniversary.

**ABOUT ARKAMYS** Leader in audio signal processing, ARKAMYS creates innovative software solutions for the automotive and is recognized for its expertise in 3D sound and audio rendering. The company develops innovative solutions to optimize audio quality and spatialization in car cabins. Headquartered in France, ARKAMYS has multidisciplinary support offices in Germany, China, Japan and in Korea to support its customers. As of 2020, 70 Million vehicles have been produced worldwide with ARKAMYS Audio Solutions embedded.