



CarmenCita

Acoustics for multipurpose venues

Diversify your artistic lineup and
amaze your audience at every event



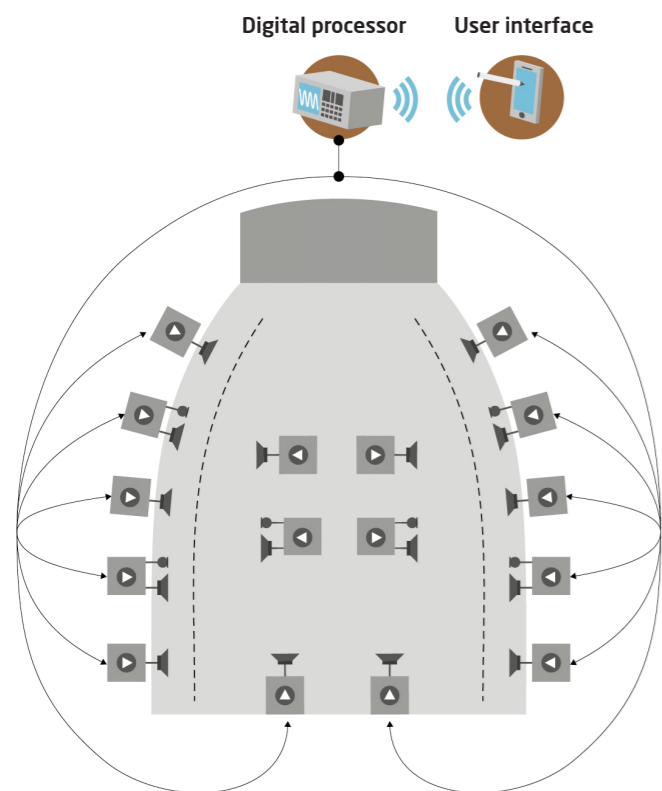


With a unique system developed by the acoustic engineers of the CSTB, instantly adapt the acoustics of your venue to every type of performance:

- Theater
- Symphony concerts
- Operas
- Modern dance or ballet
- Chamber music
- Choral performances
- Conferences

- Optimized technology for performance venues with capacities of up to 800*
- Easy to use and control using a touch-screen tablet
- Different acoustics in a single venue
- Featuring an expert mode for precise customization of each acoustic configuration
- Immersive sound for contemporary shows
- Installation requires no construction work

*Depending on the complexity and volume of your venue



Thanks to preset acoustic configurations, our system automatically adapts the acoustics of your venue to the type of performance.

A unique active electroacoustic technique

Carmencita uses a set of microphones and speakers that is optimally distributed over the walls and ceiling.

The system's processor controls the venue's acoustics to deliver an immersive an natural-sounding experience.



The CSTB has decided to partner with FrenchFlair Audio, to eliminate compromise between technology and aesthetics, ingenuity and elegance. Speaker systems made in France, designed and adapted to your architecture.

Designed to deliver high-end audio performance, AS-8 speakers provide powerful output and incredible accuracy of tone. Thanks to the modularity of the installation system, the acoustic sources can be positioned optimally throughout the space.

Although they meet all of the stringent technical requirements of the CarmenCita system, thanks to their compact shape and customization options, the speakers can also adapt to the aesthetic requirements of your performance venue.



Possible color options

A customized design, at the service of your performance hall

- Casings and brackets in aluminum
- Over 200 RAL colors available to customize the speakers and brackets
- Selection of 20 colors for the acoustically transparent fabric
- Matte finish paint to prevent any interference by unwanted reflections or glare

CarmenCita immerses the audience in a 3D sound space, by adapting the acoustics to the type of performance. On the walls and ceiling, microphones and loudspeakers are precisely positioned. Reverberation is added to the captured sound, then it is sent back to the loudspeakers. For each type of performance, a configuration is programmed during the installation phase, in order to optimize the reverberation time, tonal balance and sound immersion of the audience. **Jan Jagla** CSTB R&D engineer



Espace Paul Jargot had acceptable acoustics, but we wanted to optimize the sound quality. In certain types of artistic performances, there were losses, and we weren't at the level where we wanted to be.

Using this system, we also wanted to be able to provide training in listening skills. This is something that interests us a lot from an educational perspective, for example, for our music school. Finally, we'll offer performance companies and



musical ensembles the possibility of integrating CarmenCita into their shows. We need to master this tool, but we're delighted to be able to offer our audiences this high quality of sound. **Eric Latil** Director of Espace Paul Jargot, Crolles (38)

Like the CSTB, at FrenchFlair Audio, we insist on the highest standards for flawless acoustic quality. We're proud to bring our expertise in designing professional speakers to the CarmenCita system, so you can provide your audience with a top-notch immersive experience.

Guillaume Boda
Founder of FrenchFlair Audio



Support and expertise at your service

A full acoustic analysis is carried out by the experts of the CSTB in cooperation with your staff, in order to integrate the speakers and microphones into their future environment.

After installation, we adjust the system and the various acoustic configurations requested.



In order to appreciate how our system performs, come attend a demonstration at our premises in Paris or Grenoble.

TECHNICAL CONTACT

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Pricing

CarmenCita System

Starting at €79,790 excl. VAT

CarmenCita System

with installation by our technicians*

Starting at €99,990 excl. VAT

The CarmenCita System includes:

- pre-analysis and study of the venue to be outfitted
- the CarmenCita rack (processor and amplification equipment)
- a control tablet
- 8 microphone modules
- 16 speakers (customizable in all RAL colors).

*The CarmenCita system is wired and installed by a partner company specializing in the engineering and implementation of digital audio systems. The price may vary according to the configuration of your venue.

The CSTB has 20 years of experience in the installation of acoustic variability systems for performance halls such as Grimaldi Forum Monaco, Théâtre Mogador and the Brighton Dome, as well as more than 30 years of experience in the natural acoustics design of internationally renowned concert halls, such as the Beijing Opera House, the Bastille Opera House and the Salle Pleyel concert hall.

FrenchFlair Audio will captivate you with the acoustic quality and design of its speakers, which can be found at the Louis Vuitton Foundation, the Elysée Pavilion and in the restaurant of the Salle Pleyel.



CarmenCita

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