



## Prediction of sound inside rooms

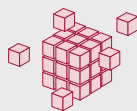


**CadnaR** is the powerful software tool for the calculation and assessment of sound inside rooms and at workplaces. With its various features and software configurations, CadnaR covers the widest range of indoor acoustic applications from specific planning of noise level reduction measures in production plants to the optimization of rooms under consideration of psychoacoustic parameters.



### Easy handling

Experience how complex indoor spaces are easily modeled by using **CadnaR's** comprehensive interface and modelling features.



### Advanced calculation technology

Highly efficient calculation techniques are implemented in **CadnaR** in order to address the widest range of indoor applications.



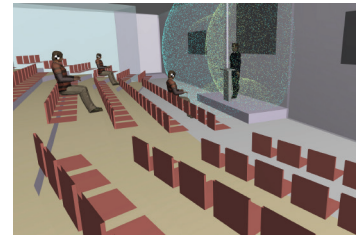
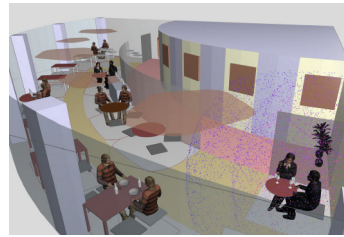
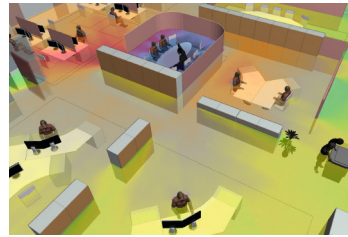
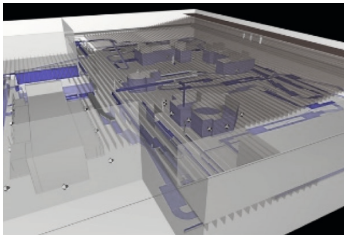
### Intuitive analysis of results

**CadnaR** features for the analysis and further processing of calculation results make it the most flexible sound calculation program on the market.



### Powerful visual and aural presentation

In **CadnaR**, all result display and output possibilities are easy to handle and provide results in a convenient and reliable way.



### Assessment of industrial halls

**CadnaR** enables you to model and calibrate your machines, calculate and evaluate noise at the workplaces and assess measures to acoustically improve any situation at hand.

### Open-plan offices

**CadnaR** allows you to efficiently create or import your office models, assign the acoustic properties and evaluate the effectiveness of your acoustic optimization measures to find the best solution meeting the acoustic targets and other constraints like design and costs.

### Public rooms & restaurants

**CadnaR** calculates the noise levels and intelligibility inside any public room to check if the acoustics are good for a pleasant stay or if measures like additional absorbers, screens or background music would improve the situation at hand.

### Multi-purpose halls

Use **CadnaR** to figure out which permanent and which temporary acoustic measures are necessary to ensure that classical concerts, lecture-like situations during conferences, loud sport events, rock concerts or trade fairs meet the acoustic expectations.

### What is new in CadnaR 2021?

- Auralization of simultaneously active sources based on partial echograms
- New objects Vertical grid and 3D grid for analysis and meaningful presentation of selected situations.
- Batch mode for automatic calculation of multiple files and variants in sequence
- Interoperability with **CadnaB**



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