Cadna R®

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.

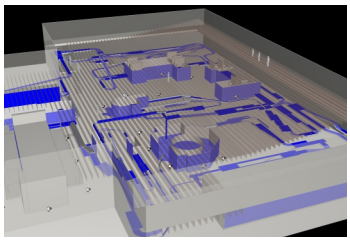
Intuitive analysis of results

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

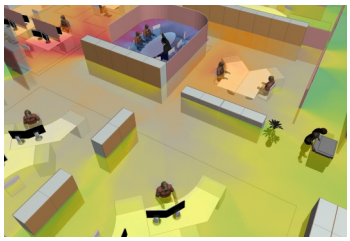
In **CadnaR**, all result display and output possibilities are easy to handle and provide results in a convenient and reliable way.

DataKustik



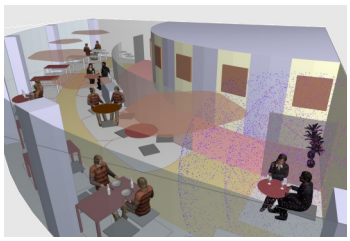
Industrial halls

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.



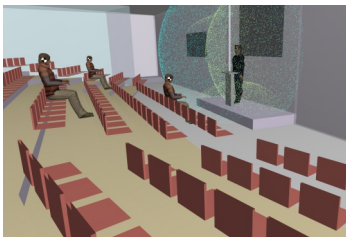
Open-plan offices

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 2022 MR1?

- "Source group calibration" for an easy calibration even of complex emitting structures like machines.
- Automatic calibration of absorption and scattering coefficients to achieve user-defined target reverberation time.
- "Generate machine", "Deconstruct box-type source" and "Snap point to obstacle" as new features for an efficient handling of machines.
- Comfort distance from ISO 3382-3:2022 added to receiver chains.

www.datakustik.com/products/cadnar/whats-new/

Hotline Our team of highly experienced engineers and IT-specialists with expertise in all areas of noise calculations are at your service. Just send us an email and we will solve any software related problem which is not described in any tutorial or technical note.

Web Tutorials No matter if you are trying out our demo versions, if you just started with our software or if you are an experienced user looking for more information. With our web tutorials, you will be able to organize your learning sessions in the most convenient way thanks to our topic-related lessons and example files.

Demo version Get a taste of our powerful and user-friendly software by downloading our software demo versions. The demo version allows you to get a first impression of our software, its handling and its capabilities. Download our demo version at www.datakustik.com

DataKustik

DataKustik GmbH
Dornierstraße 4
82205 Gilching
Germany

Phone: +49 8105 77467 0
E-mail: info@datakustik.com
www.datakustik.com

Learn more about CadnaR