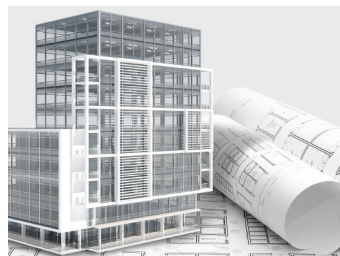# Cadna B®

The building acoustics planning system

CadnaB is the software to calculate airborne and impact sound transmission between rooms for an entire building including airborne sound transmission from and to the exterior. CadnaB also connects to CadnaA and/or CadnaR for extended transmission calculations.
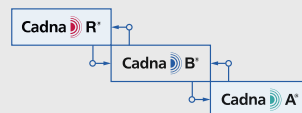
Calculation

CadnaB calculates the airborne and impact sound transmission in third-octave band width and for single number values. The software is designed to implement any national standard in the future.

Easy handling

CadnaB features a comprehensive user interface allowing the direct modelling of an entire multi-storey building from scratch. It also imports full Bastian projects.
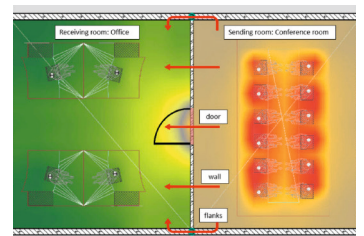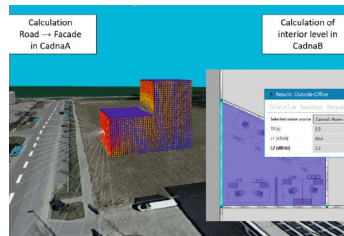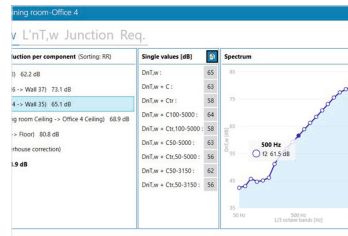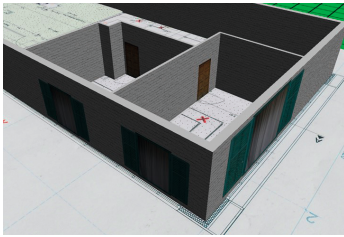
Connectivity

CadnaB can be connected to CadnaA and / or CadnaR for an extended transmission calculation from the outside to the inside and vice-versa.

Presentation of results

Take advantage of modern tools for displaying results with the purpose of presentation and further analysis. **CadnaB** also creates full reports in Microsoft Word format.

DataKustik

Modelling of entire buildings

CadnaB's concept is based on the modelling of the whole building. Walls, doors, windows and other elements can be modelled in 2D while seeing the changes in 3D in real time. Bitmap plans can be imported and used as a base layer for drawing the objects.

Calculation and standards

Thanks to **CadnaB's** design philosophy, further calculation procedures and national standards will be implemented in the future, allowing the extensive use of the software no matter where it should be applied.

Interoperability with CadnaA

CadnaB-buildings can be placed in a CadnaA model with a few clicks to calculate the level in front of the façade. In consideration of the building acoustic properties defined in **CadnaB**, the interior level can be calculated according to ISO 12354.

Interoperability with CadnaR

Use CadnaR in the sending and receiving room to consider the position of sources, receivers and obstacles inside the room. The transmission through the wall is calculated based on the building acoustic properties defined in **CadnaB** including selected constructions, doors or windows.

Features of CadnaB 2021

- Brand new software developed from scratch with a modern and easy-to-use user interface
- Model your rooms, storeys or even complete buildings with comprehensive modelling tools
- Calculation of airborne and impact sound transmission between rooms according to ISO 12354, parts 1, 2 and 3
- Direct import of BASTIAN projects
- Link CadnaB to CadnaA and/or CadnaR for extended calculations from the outside to the inside and vice-versa

Cadna B®

The new software for building acoustics

www.datakustik.com/products/cadnab/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.

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Learn more about CadnaB