

Stoll Audio for room and architectural acoustics

Are you having problems with emissions? Do you wish to improve the acoustics of a room? Do you want to make sure that a planned acoustical measure will be indeed successful? We would be glad to make our more than 20 years of experience in the field of acoustics available to you.

From specifications ...

The early involvement of a specialised acoustician saves time, nerves and money. We know the current legal regulations and how they can be measured and calculated. However, particularly in touchy neighbourhood situations these regulations are often insufficient as people can feel severely disturbed even when the limit values are observed.



Hard to find sleep?

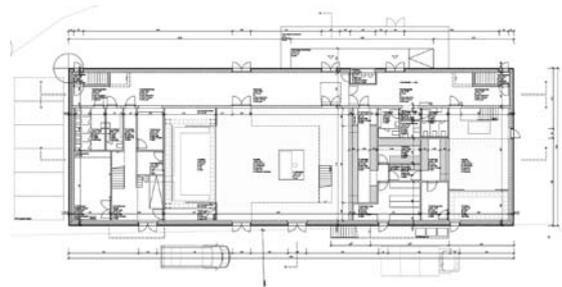
For long-term solutions we recourse to our comprehensive knowledge in the area of psychoacoustics.

... to measurement and simulation ...

We use different measuring systems to capture precisely the room acoustics as well as emissions and immissions. By employing an advanced computer-assisted simulation software projected steps can be optimised and verified already prior to the realisation phase.

... to realisation

The emergence, the propagation and the influence on and the analysis of sound, but also the interaction of sound with materials and the perception of sound is a very complex topic. Little mistakes can produce big effects here.



Plans for KuFa Lyss according to Stoll Audio's specifications

For this reason we will not only help you with your planning, but also support you with the concrete realisation of acoustical measures.

Rooms and electroacoustics

Thanks to our long standing experience in the production and installation of loudspeakers we know about the multiple interactions between loudspeakers and rooms. The type and application of the envisaged loudspeakers must be included in room and architectural acoustics analyses just like the employed programme material and the required sound pressure level.

Special materials, absorbers and diffusors

By using specific materials acoustically efficient room limiting surfaces can be created. We would also love to design acoustic elements for you which are either hardly visible or make a decorative statement.

Any more questions?

As an independent advisor or as subcontractor, we will assist you in the design, optimisation and realisation of acoustic measures. Do not hesitate to depict us your problem – we will gladly support you!