ACOUSTIC ENGINEERING & DESIGN
Our acoustic design team provides services in architectural, building, industrial and transportation acoustics.

We help clients achieve their aspirations in acoustics by guiding projects from conception and planning through design, construction, testing and commissioning.

The starting points from which we address each and every project are always focusing on the user’s psychoacoustic preferences and their needs.

We then develop the planning fundamentals based on these determining factors.

This does not mean, however, that only the optimization of objective acoustic criteria, such as ideal reverberation times, is important.

At design phase we always consider technical factors coming from other discipline like architect, interior, lighting, mechanical-electrical and so on.

To ensure every detail work at the construction phase is built as planned we elaborate with manufacturer, distributor, construction management, project management and contractor or builder.
Provide excellent sound quality, speech intelligibility and wellbeing acoustic space

Acoustic venues deeply influence the art, cultural and entertainment life of a city – not only by providing space for an event but as architectural symbols themselves.

Theatre, concerts, operas, musicals, films, live music and clubs, all demand spaces in which to be effectively presented; spaces which determine not only the visual but also the acoustic quality of such live experiences.
Architectural acoustic, noise control and audio video integration.
Canisius College
Architectural acoustic, noise control and interior design.
Sound Production Facility is a part of important aspects that makes creative content in this digital era – acoustic quality is a must in this facility.

Movie, Stage, Music, Foley and Dubbing Studio need flexible acoustic space to create and record different kind of sound.
Sound Reproduction Critical listening rooms need a natural acoustic ambient – while integrate seamlessly with interior design and AV technology will create personal statement of the owner.

Good acoustic in Control Room of Music-Movie-TV Studio will improve sound production quality while in Home Theater, Private Listening Music Room and etc will give real sound experience.
Architectural acoustic, noise control, interior design, and audio video integration.
The perception of sound is one of the most important factors for people to interact with each other.

Acoustic together with Interior design and AV technology integration will enhance interpretation in communicate thought.

Speech Intelligibility and Speech Privacy in Worship, lectures, conference, exhibition, open plan office and meeting room will improve productivity and understanding.
Our Acoustic Design Team is strongly prepared to meet acoustic criteria and associated credit points of Sustainable and Wellbeing Design.

Our acoustic optimisation integrate with lighting and daylighting design to create productive space.
We design environments acoustically to minimise the unwanted effects of noise-vibration to enhance urban and commercial life.
We analyze building design and recommend acoustic design to control noise transfer between adjacent spaces.

We also work closely with building services engineers in sound-sensitive environments to minimize noise intrusion from alternative technologies for heating and cooling.

Analyzing and giving recommendation design to minimise structural vibration levels and isolate vibration sensitive equipment.
Design measures to mitigate the industrial to environmental noise emissions of mechanical and electrical at nearby noise sensitive locations, such as residential areas.

Identifying the level of industrial noise reduction required by noise treatment (ie. industrial acoustic enclosures, industrial sound absorbing panels) in order to comply with project's noise criteria.
Acoustic Measurement to analyse problem and 3D modelling to predict transportation to environmental noise emissions and develop the design of noise control solutions.

Acoustic modelling of a new and upgraded mass transportation facility such as train, airplane, etc to predict noise levels at nearby sensitive receptors.

Developing noise barrier design (noise walls, sound barriers, acoustic fences) to control the transportation facility noise emissions toward sensitive receptors.

Noise monitoring to determine levels experienced at sensitive receptors (ie. residential dwellings, educational facilities etc.) within a close proximity to an existing or proposed transportation design.
We hear, we feel, and we think acoustics

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