

COMPANY
PROFILE
2025

ABOUT **US**

CYACOUSTICS is one of the very few Acoustic Consulting firms, which are based in Cyprus (Limassol). Following a presence of more than ten years in the industry, we have successfully completed a significant number of high requirement commercial, residential and industrial projects. We deal solutions and consultancy into a wide range of noise, vibration and electroacoustic services. Our philosophy is to provide the highest quality of services, offering turn-key solutions, at reasonable costs. There is confidence about this approach, as we keep on into a (progressively) business growth and scientific development in our company.

OUR SERVICES

- ARCHITECTURAL ACOUSTICS
- BUILDING SERVICES ACOUSTICS
- ELECTROACOUSTICS
- ENVIRONMENTAL NOISE: PREDICTION, MEASUREMENT AND CONTROL
- MEASUREMENT AND TESTING
- ACOUSTIC SIMULATION AND AURALISATION
- REGULATION, LEGAL AND ASSESSMENT OF NOISE

ARCHITECTURAL ACOUSTICS

ARCHITECTURAL ACOUSTICS (also known as room/building acoustics acoustics) is the science of achieving a good sound within a building. Architectural acoustics can be about achieving good speech intelligibility in a theatre, restaurant or office, enhancing the quality of music or suppressing noise to make spaces more productive and pleasant places to work and live in.

In Today's architectural environment, good acoustical design isn't a luxury – it's a necessity. Acoustics impacts everything, from employee productivity in office settings to performance quality in auditoriums, to the market value of apartments, condominiums and singlefamily homes. Our acoustical consultants and engineers analyze architectural plans, engineering calculations, and noise and vibration data to predict acoustic performance and to provide recommendation for optimal design of architectural acoustics.

We analyze sound transmission, reverberation, absorption, reflection, diffusion, vibration, and other architectural acoustics issues and consult with architects, engineers, building owners, and facilities directors to optimize the acoustical environment.

We carry out research into new methods for measuring and predicting how sound moves within rooms and buildings such as schools and auditoria.

OUR SERVICES INCLUDE:

- Room Acoustics Parameters Calculation and Measurement.
- Airborne and structurborne acoustic insulation.
- Room Acoustics Simulation and Auralisation.
- Acoustic Material Library.

BUILDING SERVICES ACOUSTICS

MECHANICAL, ELECTRICAL & PLUMBING NOISE CONTROL The industrial buildings (including building services systems) produce noise and vibrations to the building and the surrounding of the building. Noise within factory areas to the community is an important issue as society expects this to minimize in order to improve quality of life. Moreover, noise within factory buildings is subject to “Noise Assessments”, which protect employees hearing.

We can provide initial measurements on the systems noise levels and assure that the noise vibration levels are minimized. In case that the systems are not installed, we can provide noise/vibration assessments and consulting, using initial building plans. In any heavily populated area, there is enough activity going on at once during the day to generate all kinds of sounds across the audible spectrum of human hearing.

Sources include car washes, power generation facilities, HVAC equipment, even sound systems from an outdoor amphitheater. CYAcoustics has experience in analyzing all of these environmental acoustics issues.

OUR SERVICES INCLUDE:

- HVAC Noise Reduction
- Silencer calculation and complex ducting simulation
- Equipment antivibration platform design
- Plumbing Noise Reduction
- Outdoor Machinery Noise Reduction
- Sound Insulated Plant room Design

ELECTROACOUSTICS

ELECTROACOUSTICS is the Science that deals with the transformation of acoustic energy into electric energy or vice versa.

A branch of acoustics that deals with the conversion of sound into electricity and vice versa, as in a microphone or a speaker. It also covers the generation, storage, amplification, transfer and relaying of acoustic events. There are interfaces with almost all other areas of acoustics due to the use of electro-acoustic components such as in acoustic measurement technology.

We use the latest computer software to model new designs and predict their performance. We also apply the most advanced computer measurement tools to quantify the electroacoustical performance of handbuilt prototypes.

This approach provides the client with an optimum speaker system for reproduction of speech, choral music, contemporary music, or home or commercial theatres: whatever is needed.

OUR SERVICES INCLUDE:

- Speaker System Design and Planning according to BSI standards.
- Custom Loudspeaker Design.
- Induction Loops system design.
- Fire Alarm System design according to BSI standards.
- Home Cinema Sound Design.
- Surround system Positioning and Sound Tests.
- Live Sound Measurements.

ENVIRONMENTAL NOISE: PREDICTION, MEASUREMENT AND CONTROL

ENVIRONMENTAL acoustics focuses on controlling and restraining the impact of noise on the environment, caused by companies, leisure facilities, the infrastructure (rail, road and air traffic), labor (construction site) or neighbours. Companies must comply with the conditions applicable in the relevant region, as stipulated by environmental legislation, as well as other noise-related conditions.

Environmental sound is generally considered noise, when it propagates to areas where it is undesired or regarded as intrusive. In our communities, unwanted noise in residential areas, schools, offices, public areas, etc. can lead to speech interference, annoyance, and interrupted sleep, any of which can generate complaints from neighbors and possible legal actions from local and regional authorities. Measuring the total or 'ambient' noise at a single point is often necessary before the commencement of a development as part of an overall Noise Impact Assessment.

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Establishing the frequency content of a baseline traffic noise survey allows the acoustician to design the facades and glazing of sensitive buildings to keep intruding levels low.

Site evaluations for source identification and characterization can be conducted as well as long term monitoring of noise and vibration in urban and industrial settings and surrounding areas. CYA can assist architects, industrial planners, and environmental experts to understand and assess the impact of noise on their projects.

OUR SERVICES INCLUDE:

- Environmental noise assessment and monitoring
- Noise management
- Noise compliance and community relations
- Exposure and dose calculations
- Community Noise Modeling
- 3D mapping / Noise mapping
- Ground, barrier, and effects of construction details can be included.

MEASUREMENT AND TESTING

DEDICATED MEASUREMENT SOLUTIONS for acoustics, audio and vibration by industry: airborne and structure-borne sound insulation measurements, vibration speech intelligibility and room acoustics.

We determine noise emissions from machines, measure and evaluate emissions from industrial or environmental noise, conduct architectural acoustics measurements, and assess the compliance of machines and equipment with European noise protection directives. Without site measurement data we would have no knowledge of how effective acoustic or noise design work has been or whether levels comply with client's performance criteria.

Site measurements are a scientific way of being able to determine success or failure of a project. Noise Measurement Services provides acoustical consultancy services in the assessment, management and control of environmental and workplace noise.

Our site-specific reports present sound level measurements recorded and analysed, discuss the noise criteria to be achieved, identify noise mitigation measures and recommends options to achieve the required design criteria.

Noise management plans can be developed for industrial activities where different levels of compliance may be required over time. We have a very high capability and depth, in measurement of sound and vibration, including the latest in top range equipment to measure and analyse noise and vibration.

OUR SERVICES INCLUDE:

- Air-borne and structure-borne sound insulation measurement between rooms or indoor-outdoor areas
- Impact noise measurements
- Qualification of speech intelligibility STIPA
- Architectural and room acoustic measurements
- Unattended noise monitoring stations (mobile or fixed installations)
- Urban noise monitoring and noise mapping according to directive 2002/49/EC
- Verifying boundary noise level emission

ACOUSTIC SIMULATION AND AURALISATION

ACOUSTIC SIMULATION is an effective means of generating accurate noise development forecasts before the construction phase. In addition to numeric and graphic representations, various anticipated real world circumstances can be made audible in advance via auralisation.

The simulation of noise propagation and noise mapping permits us to examine noise emission dynamics in more complex situations. For instance, relevant sources of noise can be identified and the effectiveness of selected noise control measures can be tested. The simulation of airborne and impact noise propagation allows us to reliably calculate the degree of protection that will be necessary to neutralise noise generated both inside and outside the building.

Auralisation can be used to arrive at reliable evaluations of the noise protection that various structural elements are expected to have.

Room acoustics simulation enables the examination of the impact structural elements and architectural design are expected to have on acoustic quality. Auralisation can be used make the effect of the examined variables audible at any location in a given space.

An acoustic conflict can be avoided by applying simulation techniques before implementing a sound source; we can foresee the sound impact that activities or infrastructures will have on their surrounding environment.

OUR SERVICES INCLUDE:

- We develop simulations and present acoustic contamination level prognostics.
- We can predict acoustic insulation levels and indirectly transmit constructive solutions.
- We perform auralisation and ensure audition quality in specific arenas.
- We calculate sound maps.

REGULATION, LEGAL AND ASSESSMENT OF NOISE

ALL OUR MEASUREMENT and consultancy services are quality assured to BS EN ISO 9001:2008 and our large range of instrumentation is subject to a strict external calibration regime traceable to national and international standards. This is required in particular for our legal and planning work and also for sound insulation testing, where many of our staff are accredited to undertake pre-completion sound insulation testing. We can put our acoustic expertise to work on your behalf, delivering practical and cost-effective solutions to meet any applicable sound regulations or noise legislation for your project.

Legal Measurements and Expert Court Appearance. Where noise is likely to be an issue, the normal way to proceed would be to begin by assessing the general conditions of the site or property and the surrounding area and to use this to assess a rigorous model of the impact of the proposed development. A mine field of assessment standards, some of them contradictory, needs to be appropriately applied to the situation, and all findings presented in a suitable form.

A period of negotiation may then follow, culminating in planning or licensing consent with acceptable conditions, or refusal (or consent with unacceptable conditions) and consideration of taking the proposal to a re-application or appeal. All of CYA consultants have a vast range of experience with dealing with Local Authorities, preparing noise evidence for applications and appeals, and giving evidence at public enquiries, licensing hearings and appeals at all levels.

OUR SERVICES INCLUDE:

- Site surveys in accordance with appropriate standards such as NPPF, BS8233, and many more.
- Modelling noise impact, including sources such as industrial, energy, music, customers, smoking areas, mechanical services, deliveries, transportation, etc.
- Preparation of reports, including detailed specification and design of mitigation and noise control.
- Negotiation.
- Preparation of Witness Statements, Proof of Evidence writing, etc.
- Attendance at council meetings, public enquiries, licensing hearings, courts of all types.
- Negotiated settlements, meetings of experts, conditions. Provides a wide range of services to Legal Professionals and private individuals pursuing a legal resolution to a noise problem. We provide these services particularly in the area of noise nuisance investigation and assessment, which in many cases can result in attendance at court.

OUR **STORY**



OUR **PROJECTS** ANALYTICALLY

2011

Tepak – Symeon Building- Limassol
Petrol Station Ayias Fylaxeos- Limassol
Tepak Library Phase A- Limassol

2012

Aliathon Village Hotel- Paphos
Coca Cola – Nicosia
Cypria Maris – Limassol
Strovolos Municipal Library- Nicosia
Grand Futur – Limassol
HUB Engineering Platform- Limassol
Marys Vegies – Limassol
Tepak Library Phase 2- Limassol
Nice Day Noise Servay- Nicosia
Trachoni Park- Limassol
Rozalia Residential Buildong- Limassol
Poseidonia Hotel- Limassol
Limassol Munisipality Waste Refuge
Survey- Limassol
Trading Point XM HQ- Limassol

2013

CGT Bussiness Centre- Limassol
Coralli Hall – Nicosia
Jan Nuvel Tower 25 Noise Survey-
Nicosia
Marinos Nicolaou Clinic- Limassol
Lavida Club- Limassol
Nice Day Acropolis- Nicosia
Nice Day Look- Nicosia
Petrol Station Omonias – Limassol
RCB HQ- Limassol
Tepak Computer Centre

2014

Distrikt Club – Larnaca
Entertainment Club – Larnaca
Fagaropetra Event Hall- Limassol
Frema Building – Limassol
GCO Café Bar- Limassol

OUR **PROJECTS** ANALYTICALLY

2015

Aperitivo - Nicosia
Coralli - Athanasiou - Limassol
Agia Fyla Gymnasium- Limassol
Casale Panayiotis Phase A- Nicosia
Lanitio Theatre - Limassol
Minatory Sports Hall - Ukraine
Olympic Lagoon Resort Phase B Paphos
Monastery of Orounda- Nicosia
PWC - Nicosia
Aphrodite Hills Private Residence-
Paphos
St Marinas Church - Limassol
Starlighr Event Hall - Protaras
Ioakeim Music Studio- Limassol

2016

Amdocs HQ- Limassol
Athens Status Suits - Athens
Avli Tou Vasilea - Limassol
Blue Ocean- LimassolResidential Com-
plex - Budapest
Carrefour - Limassol
Duomo Restaurant - Paphos
Hellenic Back HQ- Limassol
Hellenic Bank Eggomi 139- Nicosia
Zakaki Factory- Limassol
Foleys School- Limassol
Frankies Social Bar- Limassol

Private Residence Noise Survey
IKOS Building- Limassol
PMA offices - Limassol
Lambadistis Winery- Nicosia
Remedica Factory - Limassol
Royal Pine - Limassol
SBLA - Limassol
Story Club- Limassol
Sxoliki Efforia Survey - Limassol
BOX 42 - Nicosia
WTC Limassol- Limassol
XM Trading Ponit Phase B- Limassol

OUR **PROJECTS** ANALYTICALLY

2017

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|------------------------------------|--------------------------------------|
| Cyfield Central Park – Nicosia | Olympic Lagoon – Ayia Napa |
| Cyfield City Home 85 – Limassol | Pafilia HQ- Paphos |
| Crossfit Rogue Force- Limassol | Private Piano Room- Limassol |
| Delmar- Limassol | Prime HQ- Limassol |
| Eden Roc- Limassol | Radisson Blu- Larnaca |
| Elias Hotel- Limassol | SEM Amphitheatre- Nicosia |
| Foleys Theatre- Limassol | Sigma Bakery's Factory- Limassol |
| Kronospan Cyprus HQ – Limassol | Sky Tower- Limassol |
| Hellenic Bank HQ- Nicosia | Splash By The Beach- Limassol |
| Kanika Amavi Hotel Paphos | Limassol Schools EA survey- Limassol |
| Katsis Law Firm – Limassol | The Icon- Limassol |
| La Isla Limassol- Limassol | The Trilogy- Limassol |
| Private Home Cinema – Limassol | White Leaf Photography – Limassol |
| Marfields Olympic Resort- Limassol | Zoo Club – Nicosia |
| Nanou Donuts – Limassol | |

2018

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|------------------------------------|---------------------------------|
| Ajax Hotel- Limassol | Mercantile Maritime London – UK |
| AITE – Limassol | Measoria Restaurant – Limassol |
| Amdocs Nicolaou- Limassol | Minthis Hills Wellness- Paphos |
| Private Residence- Limassol | Minthis Hills Taverna- Paphos |
| Areti Haridimou Law Firm- Limassol | Prime New Offices – Limassol |
| BDO Building- Limassol | Safebulkers Building – Limassol |
| Bistro 55- Limassol | Sklavenitis 2- Limassol |
| Box 42 Bar- Nicosia | Impulse Dance Studio – Limassol |
| Breeze Summer Club- Limassol | |
| Casino C2 – Limassol | |
| Central Park – Nicosia | |
| Exness HQ- Limassol | |
| Lavar Logistics- Limassol | |
| Lefkothea Hall – Limassol | |

OUR **PROJECTS** ANALYTICALLY

2019

Agora Limassol Center- Limassol
 Kanika Made For 2 – Ayia Napa
 Garden Restaurant – Paphos
 Heart Boutique Hotel – Limassol
 Limassol Main Casino Bream
 Certification – Limassol
 Internodium House – Limassol
 Napa Suits Butique Hotel – Ayia Napa
 Nicosia Town Hall – Nicosia
 SBLA West Terminal – Limsssol
 State Club – Nicosia
 ZEN Room- Limassol

WOK N ROLL Restaurant – Limassol
 Property Box Development – Nicosia
 Louis Hotels – Imperial Restaurant
 Press and Information Office – Nicosia-
 MetaQuates – Nicosia
 Tokayo Restaurant – Nicosia
 Jolly Joker – Nicosia

2020

Atlantica Bay – Limassol
 Atlantica Mare Village – Limassol
 Atlantica Oasis – Limassol
 ATLAS Offices – Limassol
 Cap St George Hotel – Paphos
 Clinic – Limassol
 Exness Offices – Limassol
 FuelHouse Fitness Studio – Limassol
 Hellenic Bank- Nicosia
 Jumbo – Craiova
 Lanitio Theatre – Limassol
 Malibu Apartment- Limassol

Moniatis Residence – Limassol
 Rodinis Residebce – Limassol
 Othonos Offices – Limassol
 Petit Palais Hotel – Limassol
 Propyleon Hotel – Limassol
 SOHO Resort – Paphos
 The Edge Offices – Limassol
 Tower 360 – Nicosia
 Vison Soft – Limassol
 Weddings Venue – Larnaca
 Bus Station – Paphos

OUR **PROJECTS** ANALYTICALLY

2021

Amdocs Offices- Limassol
Anexartisias 61 Residential Building – Limassol
Association of Builders Contractors of Limassol – Limassol
Ayia Napa Marina MEP Floor – Ayia Napa
Brown Hotel – Limassol
CDA IBC Offices – Limassol
Coralli Residential Building – Limassol
Church – Paphos
Exness Santa Barbara Offices – Limassol
Ministry of Finance – Nicosia
Flairs Cocktail Bar – Limassol
IQ Option Offices- Limassol
The Garden Restaurant & Lounge Bar – Paphos
Garden Day and Night Restaurant – Nicosia
Imperio Offices – Limassol
Ivory All Day Concept – Nicosia

Private Residence- Limassol
Plot 528 Residential House – Paphos
Lanitis Aristophanous Offices – Limassol
Minerva Insurance Offices – Larnaca
MUSKITA Aluminium Industries – Limassol
Nexters Offices – Limassol
Olympic Residence – Limassol
Opera House Villa – Limassol
Recording Studio – Limassol
Ritz-Carlton Residences – Limassol
Sport Centre Glavkos Kleridis – Limassol
Urban Noise Control Office – Limassol
Villa Trio Residential – Limassol
Voco Hotel – Larnaca
XBT Offices – Limassol
Zambartas Winery – Limassol

OUR **PROJECTS** ANALYTICALLY

2022

Adult Activity Center – Limassol
Amdocs Offices- Limassol
Avenue 15 Offices- Limassol
Ayia Napa Marina Tower – Ayia Napa
Alex's House – Limassol
Brunius Offices – Limassol
Cap St George – Paphos
Community Hall (Pano Polemidia) – Limassol
Compass Maple Residential House – Limassol
Cyprus Army Firing Range – Nicosia
Del Mar Penthouse – Limassol
Foley's School Amphitheatre – Limassol
Hyperio Offices – Limassol
Kanika Made For 2 Hotel – Ayia Napa
Kolossi Municipality Offices – Limassol

Limassol Castle square – Limassol
Lithos Concept Bar – Limassol
Tong's House – Paphos
Loud Music Festival – Limassol
Louise Bar – Limassol
Marina Corridor – Famagusta
The Modern School – Limassol
Mediterranean Shipping Company- Limassol
MSC Shipmanagement offices – Limassol
National Guard Firing Range «XINTOU» – Nicosia
Pendeli Hotel – Limassol
Silicon Park Properties – Limassol
St Raphael Hotel – Limassol
Technological University of Cyprus – Limassol
Victor Hugo Houses – Limassol

OUR **PROJECTS** ANALYTICALLY

2023

BBF Capri - Limassol
Breeze - Limassol
Casino - Limassol
Crowne Plaza Tower - Limassol
Eratosthenis Centre of Excellence - Limassol
Flamingo Building - Limassol
Gatsby Hotel - Athens
Geco Restaurant - Athens
The Access - Limassol
The Ideal Court - Limassol
The Warehouse - Limassol
Totalserve House Offices - Limassol
Trilogy Sales Office - Limassol
Livadhiotis Apartment - Larnaca

Mandarin Park Tower - Limassol
Marfields - Limassol
Martigale Plaza - Limassol
Obelis Oval Offices - Limassol
Palm Beach Hotel - Larnaca
Peratiti Venue - Nicosia
Ploutis Servas Municipal Apartment Buildings - Limassol
Ritz Carlton Residences - Limassol
Sigma Bakeries - Limassol
Sveltos Residences - Larnaca
Villa 60 - Limassol
Villa 61 Home cinema - Limassol
Volka - Limassol
Wine Bar - Paphos

OUR **PROJECTS** ANALYTICALLY

2024

| | |
|------------------------------------|---|
| Augusta Residences – Limassol | Olympic Lagoon – Famagusta |
| Azul – Limassol | P. Sergiou Winery – Larnaca |
| Boenix Festival (ETKO) – Limassol | Pendeli Hotel – Limassol |
| Cyprus Shipping Company – Limassol | Qasr Al Watan – Abu Dhabi |
| Exness – Limassol | Quadcode – Limassol |
| Gan Direct – Limassol | Remedica – Limassol |
| GCA Homes – Nicosia | Ritz Carlton Residences – Limassol |
| Great Ocean – Limassol | Technological University of Cyprus – Limassol |
| Guaba Club – Limassol | Trilogy – Limassol |
| Kleenex Factory – Nicosia | Wendy Park – Paphos |
| Marios Iosif – Limassol | |
| Mercury 88 – Limassol | |

2025

| | |
|---|---|
| ACE – Limassol | Melanta Restaurant – Limassol |
| Alexandros Alexandrou Residence – Nicosia | Morus Residences – Limassol |
| Amathus Beach Hotel – Limassol | Neoflow – Limassol |
| Voikos Villas and Public Space – Limassol | Olive Tree – Limassol |
| B2 Tech – Limassol | Padel court ETKO – Limassol |
| Carnival Museum – Limassol | Pantelis Solomon Residence – Limassol |
| EAC Power Station – Larnaca | Petrosana Hotel – Famagusta |
| High Confidential Office – Abu Dhabi | Presidential Flight – Abu Dhabi |
| Ktima Oniron Venue – Nicosia | PR EU Cyprus – Brussels |
| La Zoe Apartments – Limassol | Residential Block at Likavitos – Athens |
| Limassol Greens Starlings Apartments – Limassol | Supply Chain Office – Bahrain |
| Makronissos Beach Villa – Famagusta | Sunset View – Paphos |
| Megasound Roof Bar – Nicosia | Stelios Ioakeim's Music Studio – Limassol |
| | Symbol Residence – Limassol |
| | University of Cyprus – Nicosia |
| | Uniki Music School – Limassol |

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