

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

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

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	Petrosana Hotel – Famagusta
EAC Power Station – Larnaca	Presidential Flight – Abu Dhabi
High Confidential Office – Abu Dhabi	PR EU Cyprus – Brussels
Ktima Oniron Venue – Nicosia	Residential Block at Likavitos – Athens
La Zoe Apartments – Limassol	Supply Chain Office – Bahrain
Limassol Greens Starlings Apartments – Limassol	Sunset View – Paphos
Makronissos Beach Villa – Famagusta	Stelios Ioakeim's Music Studio – Limassol
Megasound Roof Bar – Nicosia	Symbol Residence – Limassol
	University of Cyprus – Nicosia
	Uniki Music School – Limassol

## **FIND** US

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