

# Corporate Brochure



Tel: +234 (0) 809 893 7201  
+ 234 (0) 802 920 2984  
Email: [info@acoutech-associates.com](mailto:info@acoutech-associates.com)  
Web: [www.acoutech-associates.com](http://www.acoutech-associates.com)

Professionals in Acoustics, Audio, Communications & Media Technologies



# Who We Are

In today's multimedia environment, many institutions depend upon good technology as well as a conducive listening and visual environment for communication, growth and effectiveness. The use of different levels of communications, audio-visual and media technologies in the corporate environment, educational institutions, medical and health care delivery, sports, broadcast, government and houses of worship to bring about a worthwhile delivery to their partners is increasing with various technology innovations; these are evolving towards provision of high-capacity, high quality services.

Acoutech is an acoustics, audio-visual, communications and media technology design & integration firm. Our mission is to integrate our clients into technology solutions that provide connectivity for those complex and mission-critical applications. Our designs and solutions provide capacity, coverage, presence and efficiency for our clients and integrate them into such technologies that help to give growth to their visions.

Our associates are highly skilled, astute and dedicated professionals who bring years of industry experience into various designs and service delivery. We are driven by the values of quality, right customer experience and world-class performance.

Acoutech also collaborates with many professionals, design firms and brands in West Africa, Europe and America, and our holistic perspective bring about a solution that puts your heart to rest, we are solution providers.

Our clientele and technology solutions cut across corporate institutions, houses of worship, educational institutions, the government, medical applications, media & broadcast, the entertainment industry and the sports industry.

## Our Services

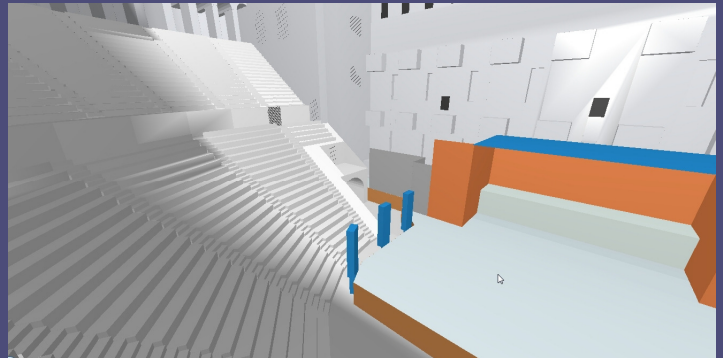
- Auditorium Acoustics Design and Consulting
- Noise Control and Sound Isolation Designs
- Sound Reinforcement Systems Designs, Sales & Installation
- Audio/Visual Infrastructure Planning, Design, Installation & Operation
- Audio & Video Conference Systems Design, Sales & Installation
- Video Surveillance Systems Design & Integration
- A/V Project Management,
- Events Services
- Live Multi-Track Recording
- Media Technology Training



# who we are

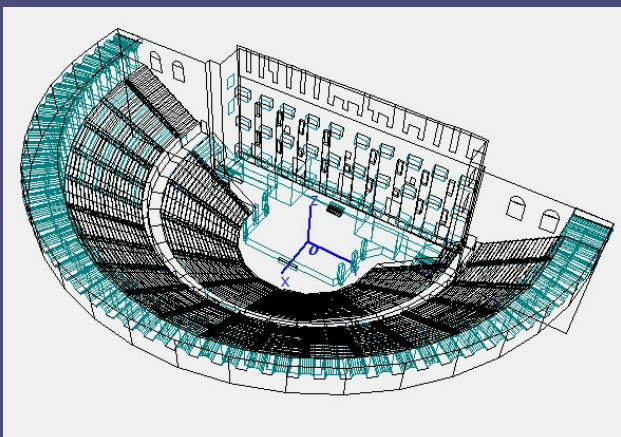
## what is acoustics?

Acoustics is simply the science of sound and vibration; it deals with the generation, transmission and reception of sound. It is a wide discipline that involves building designs, medical diagnostics & treatment, communication between animals, study of how music is made & the design of musical instruments, the study of the human ear & hearing impairment, how sound travel in the underwater environment and the strategies of dealing with noise pollution from noisy machinery, transportation and how people respond to noise.



## what is architectural or auditorium acoustics?

Architectural acoustics involves the science of how to achieve a good sound within a building and it involves speech intelligibility, speech privacy and the quality of music in the built environment. The application of acoustics can be seen in almost all aspects of modern society with the obvious being the audio, the built and noise control industries.



## who is an acoustician or acoustical engineer?

An acoustician or acoustical engineer is an expert in the science of sound or in acoustics technology. Among other things, the acoustician studies how to design buildings and other spaces that have pleasing sound quality and safe sound travel; this include houses of worship, concert halls, performance theaters and event centres. Acousticians and acoustics engineers have become an integral part of project teams; whether it is a building project such as houses of worship, event centres, theaters & offices or transportation projects such a rail projects & airport designs or industrial building designs.

## what is audio-visual technology?

Audio-Visual technology, simply abbreviated as A/V or AV, refers to the various technologies used in the production, processing, transmission and presentation of audio and visual contents. This includes sound, video, conference systems, broadcast, business presentations, digital signage, multimedia displays, image magnification in concert halls, houses of worship and theaters; control systems and automations, paging systems and voice evacuation technologies.

## who is an A/V professional?

A/V professionals have expertise in designing, installing and managing various A/V technologies. They are also project managers who are involved in project planning, creating timelines, coordinating meetings and site inspections and budgeting.



# OUR SERVICES

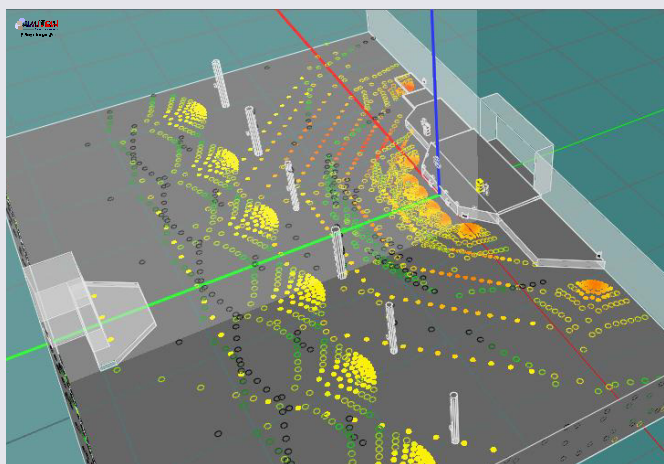
## Auditorium Acoustics Design and Consulting

Many houses of worship, event centres, concert halls, theaters & auditoria have highly reverberant spaces leading to a non-conductive listening experience. This is due to the design as well as the choice of the various finishes used in the interior of these spaces; Acoutech provides consultancy & design services in the area of architectural & audio acoustics, specifying various finishes that are ideal for the interior of your facilities so as to enhance their listening properties; we collaborate with architects, building engineers, MEPs & other professionals to provide innovative design options for internal wall treatments & the interior designs of your facilities, even when these facilities are in the drawing stages. Acoutech also provides acoustic designs and consultancy services for critical listening spaces such as recording studios, broadcast studios, conference & telepresence rooms and cinema halls.



## Noise Control and Sound Isolation Design

Acoutech provides design and consultancy services on noise control and sound transmission for houses of worship, corporate meeting rooms, recording studios, broadcast studios and cinemas. We provide designs and options that will help isolate your listening rooms from HVAC, generators and environmental noise. Other services include: noise protection solution for employees of industrial work places; noise isolation solution for crèches & day-care centres; noise control and acoustic solutions for hospital recovery rooms and operating theatres. We also provide environmental impact assessment (EIA) services.



## Sound Reinforcement Systems Design & Integration

From very simple plug-and-play design to large and complex projects, we provide bespoke solutions for all types of sound reinforcement systems for houses of worship, event halls, cinemas, theatres and arenas. Our approach is to build a computer model of your facility and then simulate the audio system performance therein. The performance of your design is known even before any purchase is made. We use industry-standard software packages to prepare design drawings and specifications, to analyze and optimize your systems.

## A/V Infrastructure Planning, Design, Integration & Management

We provide designs and solutions for various facilities where audio-visual technologies are utilized; such facilities include airports, malls, stadia, corporate training rooms, classrooms, campuses, corporate meeting rooms, lecture theaters, banking halls, houses of worship and houses of parliament. Our solutions include high-end distributed audio and public announcement systems, high-end A/V distribution over CATx infrastructure, high-end A/V distribution over fiber optic infrastructure and A/V delivery over IP networks. We also design for digital signage applications, video wall applications and medical collaborations.





## OUR SERVICES

### Audio and Video Conference Systems Design & Integration

Acoutech provides audio and video conference designs for houses of parliaments, conference rooms, press briefing rooms and corporate training rooms. We collaborate with highly reputable brands to give you the best of designs and experience.

### Video Surveillance & Home Automation System Design & Integration

We provide design and integration for various forms of video surveillance and closed-circuit television (CCTV) systems. Our solutions include IP video system, analog video system, hybrid video system, license plate recognition (LPR) system. We also provide designs & solutions for the automatic centralized management and control of your building's lighting, HVAC, appliances & entertainment system. You can maximize safety, comfort, convenience & energy savings by automating your buildings to react based on schedule or event. Our solutions includes surveillance management, security control, lighting control, entertainment control energy management & access control.

### A/V Projects Management

Acoutech can manage your A/V projects from inception to commissioning. We have the capacity both to lead and effectively utilize the resources of a multi-functional team in A/V projects while providing balance between good quality and cost. We use very effective methodologies and processes and in project planning, scheduling, monitoring and control and we deliver your projects just the way you want it.

### Events Services

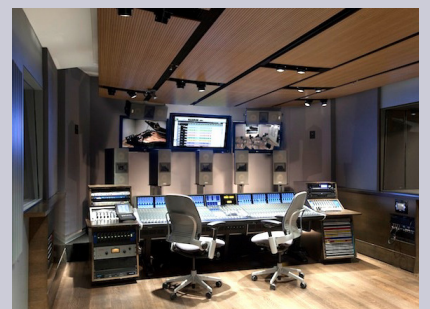
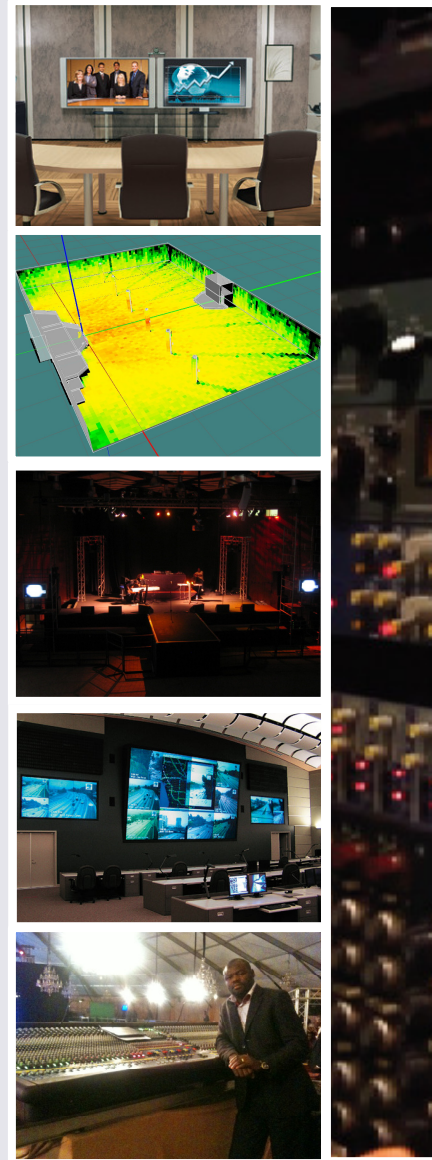
We provide sound reinforcement for every type of event - concerts, ceremonies, theatrical productions, conferences and worship services. You can also hire us as technical directors and engineers for your events or productions, and we would manage the technical aspects (audio, video, multimedia, lighting, multi-track recording, broadcast and power engineering) of your event successfully. Our methodology is to provide that vital inter-connectivity that is needed between these components of your event.

### Live Multi-Track Recording

Do you desire to do a live multi-track recording of your concert or theatrical production? We provide the expertise and services to fulfil this desire. We use recording platforms that reflect modern technologies and we can record up to 64-tracks. We also provide location recording for TV productions.

### Technology Training

We offer a series of one, two, three & four-day seminars & short courses on audio, video & A/V subjects. Our topics address professionals of all levels and they cover theory, case studies and hands-on practice. The flexibility of our training programs are such that we provide training on request, on-site training and training retreats as the need arises.





# solutions

## Tailored to your need...

Acoutech has a wide range of solutions that cut across corporate institutions, educational institutions, houses of worship, the government, medical applications, media & broadcast, the entertainment industry and the sports industry.

We utilize carefully selected brands to provide you with the best of service delivery.

Our solutions include:

- Acoustics and Sound Isolation Solutions
- Pro-Audio Solutions
- A/V Integrator Speaker System
- Audio and Video Distribution over IP Networks
- A/V Switching and Distribution Solutions
- Connectivity and Cable Solutions for Audio, Video, Broadcast and Telecom
- Fiber Optic Solution for Audio and Video
- Media Technology Training Solution
- Complete Classroom A/V Solution
- Rentals & Touring Systems for Audio & Video
- Wired & wireless Digital Collaboration & Presentation Solution
- Worship Systems Solutions (For Houses of Worship)
- Audio Conference Solution
- Video Collaboration & Unified Communications Solution
- Video Surveillance Solution
- Digital Signage Solution
- Home Automation Solution







**The wheels of our service delivery!**

It is our vision to partner with you to help your institution achieve its vision by integrating you into technology solutions and services that provide connectivity for those complex and mission-critical applications.

**- Principal Associate (Acoustics & A/V Design)**

Please contact us using the details below:

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# industry applications

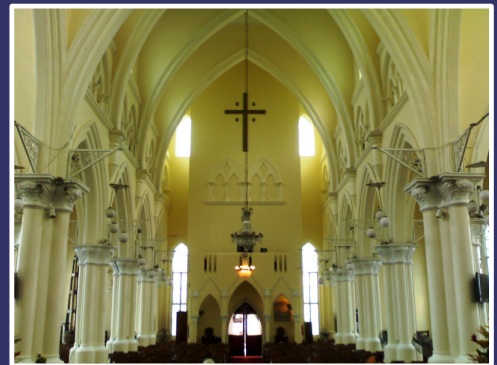


## *Corporate Institutions*

- Audio Conference Applications
- Video Collaboration & Unified Communication Application
- Digital Signage, Brand Promotion
- Distributed Audio/Mass Notification/Voice Alarm
  - Video Surveillance, License Plate Capture
  - Video Wall Applications
  - AV Technology Training Solution
- Acoustic Solutions for IVR Studios, Training Rooms

## *Houses of Worship - Worship Technology Solutions*

- Architectural & Audio Acoustic Solution
- Live Sound Reinforcement Design and Installation
- Broadcast Applications - Live event streaming
- Distributed Audio
- Event Services
- Live Multi-track Recording
- Video Distribution Solution & I-Mag Solutions
- Worship Technology Training Solution



## *Educational Institutions*

- Interactive displays
- Multimedia Displays
- Sound Reinforcement Systems
  - Distributed Audio
- Complete A/V Solution with control system & Resource Management via IP Link



# industry applications

## ***Government***

- Conference System for Houses of Parliament, Conference Rooms, Press Briefing Rooms
- Video Conferencing Application
- Acoustic Solution for Meeting Rooms, medical facilities such as hospital recovery wards, operating theaters etc.
- Networked Audio/Mass Notification/Voice Alarm Solution for airports, hospitals & public buildings
- Video Surveillance Solution, License Plate Capture
- Digital Signage Solution



## ***Entertainment Industry***

- Live Sound Reinforcement Design and Installation
- FOH Engineers, Monitor Engineers, Broadcast Engineers
  - Live multi-track recording
  - Large format video display solutions

## ***Sports & Broadcast***

- Distributed Audio/Mass Notification/Voice Alarm Solution for Stadia and other sports facilities
- Sound Reinforcement Systems
- A/V Distribution Solution
- Broadcast Infrastructure







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