



CLS[®] Acoustics



Mission and Goal

CLS Acoustic Design's main concern is to conceive and build world class listening environments for professionals and audio & video purists.

We believe that there are too many studios and critical listening rooms that are not projected nor built by people that have actually worked in them.

There is no denying that the importance of careful acoustic calculations cannot be underestimated but there is more to it than plain physics:

Translating your recordings, mix or master to the rather imperfect real world conditions requires more than a perfect acoustic design. Understanding clients' needs and work flow is at least as important.

This is something that only experience can bring you and this is the experience owned and shared by those who have actually been in the business.

A team of acoustic and electro-acoustic designers and engineers with twenty years of experience in the field can make the difference.

Services

Design and Consulting

CLS Acoustic Design specializes in architectural and acoustic design for audio-visual and media production.

Working alongside a team of architects, audio visual and acoustic designers in order to provide solutions to listening environment problems. Projects are interdisciplinary and address all matters which concern the functional and organic aspects of the operational work flow.

Room Acoustics

Room Acoustics relate to the behavior of sound waves within rooms. Bad acoustics are not that unusual and result from poor planing and wrong conception choices. The damage associated with such problems is however undeniable and may seriously damage productivity and desirable results.

Room Acoustics solutions are accomplished by consulting, projecting and designing for these environments. The criteria are based on exhaustive measurement, software analysis and critical judgement that result in sonic integrity, improved intelligibility and better overall working conditions.

We project and build for better room geometry and apply the most advanced products for absorption and diffusion.

Sound Isolation

If Room Acoustics relate to the problems within a room, Sound Isolation relates to outside noise.

This is a common problem in most acoustic environments. It is caused by all sort of vibrations sources whether they are generated outside the building such as traffic, planes or trains or within the building such as HVAC. Measuring these is critical and only the beginning of the solution.

CLS Acoustics Design projects and builds sound isolation solutions. There are two major facts that play a big part in this process.

First is careful projecting and choice of materials. We resort to the most advanced insulating materials on the market from cements to elastometers to acoustics suspensions.

Second is counting on the most competent team of builders from contractors, masons and carpenters to HVAC specialist who have worked with us for several years and have aptly helped us create successful solutions.

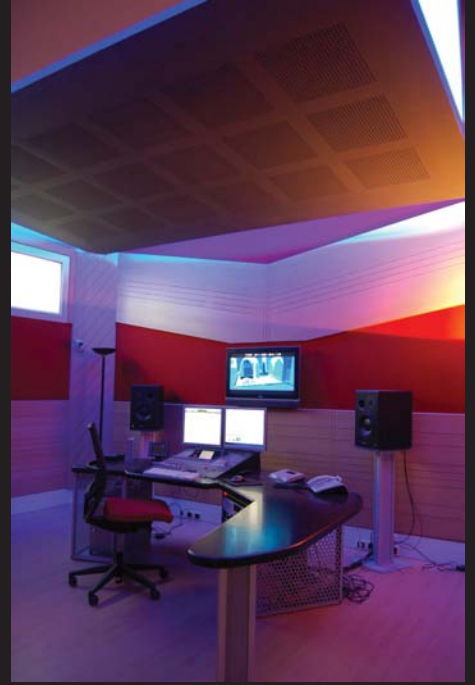
Mastering



Mastering Studios are amongst the most critical and personalized spaces we have built. Each creation has been an embodiment of our clients' vision and each solution exhales a sense of excitement thus providing unforgettable listening experiences.



Mastering Studio O Ganho do Som



AV Production Studio Pim Pam Pum



Broadcast



Ever since 1990 the company has been pushing the envelope on broadcast acoustic facilities in Portugal and Spain. Good knowledge of the broadcast environment from lighting to HVAC is crucial for bringing these projects to life. From Radio Stations to TV Studios and more recently small corporate and web televisions, we have shared our clients' vision and have created the world's best acoustic conditions.



Private Broadcast Television

"Amalia" Radio Station



Studio



Audio Production has been a significant part of our curriculum. From post-production suites and vocal booths to large tracking rooms, we have always followed our clients' passion: to make the best audio possible.



Public Venues



Noise control, sound isolation, speech intelligibility become indispensable in some commercial spaces. Shopping Centers, lecture rooms, restaurants, auditoriums, laboratories and discotheques are among some of the projects accomplished. Whether you need to minimize airborne noise or simply isolate spaces, there is always a solution.

Industria Nightclub





Bars



High-End Audio Stores

Home-Entertainment



The High-End and Home Cinema business has had a remarkable growth in the last decades and the clients are more demanding than ever. In partnership with audiophile and electro-acoustic designers and consultants, we have put together a distinguished team which can create the most astonishing audiovisual experience. From project to consulting to construction, we make your audiovisual dream room a reality.







Private Home Music Rooms



CLS®

☎ (+351) 963 147 098
@ lisboa@cls-audio.com

Travessa da Fonte de Cima, N.º 2

Asseiceira Grande

2665-618 Venda do Pinheiro

PORTUGAL