



Impulse Response Pack Volume 2

Introduction

My wife has a practice room in an arts center, ADAO, located in Barreiro, south of Lisbon. It's a building with large rooms and long corridors where a pulsating creative community produces the most various forms of art. Over the days, normally around dinner time, I would share with others my intention to capture the sound of the building, its tone and reverberation, and it soon became obvious that I had to stop talking and start recording so I dared a couple of friends, José Bica and Vitor Pereira, to join me. I took a handful of mics, cables and stands, José brought his portable recorder and a 360° microphone, and Vitor brought his cameras to experiment with high framerate video shooting.

Recording Description

We used a pair of large diaphragm and a pair of small diaphragm condenser microphones (in XY stereo configuration) along with a quad-capsule 360° microphone. Microphones were positioned on a location selected by ear between 150cm and 170cm above the ground. The spaces were excited by bursting inflated balloons less than 100cm in front of the microphones and around 100cm above the ground. Audio was captured to a portable recorder.

Audio Processing

This pack only includes the stereo captures. Currently, we do not have a surround monitoring system so we're saving the 360° captures for the day we access one. Audio processing was minimal and limited to normalization between channels, a very short linear fade-in, just a few samples before transient attack, and a smooth s-curve fade-out.

File Info

Location: ADAO - Sala das Colunas
Reverb Type: Large tiled room (average length: 2.823s)
Recording Date: September 11th 2019
File Format: 2 ch WAV 96kHz 32Bit (float)
File Size: 29.1Mb (16 files)

Credits

Audio recording: José Bica
Audio editing: Fernando Matias
Video capture: Vitor Pereira

Legal

These files are available free of charge and you are allowed to use them as much as you like. No need to credit us if you use them in your productions, just try not to claim these impulse responses as something you did because that is not cool. You are not, in any way, allowed to sell or redistribute these files commercially. We take no responsibility if you misuse these files and that includes damaging anyone's ears or equipment if you play them too loud. The files were uploaded virus-free. To ensure your safety, always virus-scan files downloaded from the internet. By using these files you are agreeing with these terms.

**We would like to thank ADAO for making this possible. Reach them at: www.adao2830.org
www.thepentagonaudio.com**