## MUSIC PRODUCTION

Have you ever wondered how a small idea in a brain can become a hit that sounds in all the radios around the world? There's a process called production that helps to have a final product that sounds good and equilibrated. In this process there is a lot of people involved apart from the musicians that take part in the record. We're talking about people like sound engineers or recording assistants. They are the great forgotten when it comes to talk about music but their job is extremely important: without them, music wouldn't sound the way it sounds. I centered this research project in two parts of this production process: mixing and mastering, which are the most important.

In order to do this, I first tried to know what is a studio, what is carried out there. I've also tried to know what means for the musician to be there. After this, I looked up which tools are used there during the production process and how they work in the different situations that we can find in a song. I also wanted to do a practical part of this project trying to use these tools and see if I could have the same result as the professional studio. To know if I had achieved the result, I simply compared the piece of audio without anything and the piece of worked audio. I took advantage of technology and I moved into a virtual environment: Computers. They have become very important when it comes to make music, not only for composing but also for mixing and mastering. Finally, I tried to work out how has technology affected to music in the past twenty years. Does it meant the same making music two decades ago and making it now?

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