

# Audio Engineering 101: A Beginner's Guide to Music Production

By Tim Dittmar





**Audio Engineering 101: A Beginner's Guide to Music Production** By Tim Dittmar

Audio Engineering 101 is a real world guide for starting out in the recording industry. If you have the dream, the ideas, the music and the creativity but don't know where to start, then this book is for you!

Filled with practical advice on how to navigate the recording world, from an author with first-hand, real-life experience, *Audio Engineering 101* will help you succeed in the exciting, but tough and confusing, music industry.

Covering all you need to know about the recording process, from the characteristics of sound to a guide to microphones to analog versus digital recording. Dittmar covers all the basics- equipment, studio acoustics, the principals of EQ/ compression, music examples to work from and when and how to use compression. FAQ's from professionals give you real insight into the reality of life on the industry.



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#### **Editorial Review**

Amazon.com Review

Amazon Exclusive: How Audio Engineering Helped Get My Band Signed By Tim Dittmar



Tim Dittmar

Working in a studio I often had access to record my own band and experiment. In the early '90s I recorded a six-song demo for a band that I was drumming with. We had only been a band for about three weeks when this demo made it into the hands of a local production company person, who at the time worked with RCA records. Although we didn't end up with this label, the person who originally discovered us ended up managing our band and got us signed to a major label and many indie labels. It is great to have a backup plan, especially as a musician. Audio engineering is a great career option when being a musician isn't paying the bills. It allows you to still be creative and involved in the music scene. You may not get rich right away (or ever) but seeing your name on a CD you recorded is priceless. Here are a few of the bands I currently play with:

annabella

The Hearts and The Minds



It is common for audio engineers to have their own home studio and also work out of other studios. Pictured here is a classic Trident 80B console located at Top Hat Recording studio in Austin, TX



One of the many reasons I became an audio engineer was to record and produce my own bands and music. Here I am mixing me and my wife's band, annabella, on my studio's Toft console.



to record. Running live sound and playing out in a band is a great way to meet potential clients every night.Here I am on tour in Athens, GA with annabella.

#### Review

"This beginner's guide to audio engineering presents a clear overview of the science and art of sound recording and provides readers with foundational information for getting started in audio engineering. Beginning with a discussion of sound and general recording principles, the work covers topics such as microphones, mixing consoles, signal processors, and signal flow, as well as studio session procedures and

optimization. Chapters include illustrations, tips, and checklists, and the text includes an additional section with questions and answers from industry professionals."--Reference and Research Book News

#### About the Author

Tim Dittmar is a musician, recording and live sound engineer, producer, songwriter, and professor. Tim began his professional recording career in 1987 at Cedar Creek Recording studio in Austin, Texas. Before locating to Austin, Tim received an Associate in Arts in Radio/TV Production from Del Mar Junior College. He then spent much of the nineties touring with a punk group, recording bands, and running live sound on the infamous 6th street at various venues. He was hired in 2000 as a professor and full-time faculty member at Austin Community College where he currently teaches Audio Engineering I, Audio Engineering IV, and the Special Projects class. Tim heads up the Technical side of Commercial Music Management at the college. He has also been a returning lecturer at the University of Texas teaching Audio Production and Audio for Picture. Tim has worked in numerous studios in Austin, Los Angeles and Chicago, compiling over 300 album credits. Recording such artists as the Old 97's, Voxtrot, Dynamite Boy, King Missile and the Murdocks. In 2008 he was invited to moderate a panel at the Tape Op Conference in New Orleans where he spoke on "The State of Audio Education". At present, he owns and operates Las Olas Recording in Georgetown, Texas. He currently tours and records with his wife in the group Annabella and can also be seen drumming with The Hearts & The Minds, Kristi Rae, and Everything's Gone Green.

#### **Users Review**

#### From reader reviews:

#### **Eric Baur:**

Exactly why? Because this Audio Engineering 101: A Beginner's Guide to Music Production is an unordinary book that the inside of the publication waiting for you to snap it but latter it will distress you with the secret the idea inside. Reading this book alongside it was fantastic author who have write the book in such incredible way makes the content inside easier to understand, entertaining means but still convey the meaning thoroughly. So , it is good for you for not hesitating having this anymore or you going to regret it. This amazing book will give you a lot of benefits than the other book have such as help improving your ability and your critical thinking approach. So , still want to hold up having that book? If I had been you I will go to the book store hurriedly.

#### **Carl Johnson:**

Reading can called imagination hangout, why? Because if you are reading a book especially book entitled Audio Engineering 101: A Beginner's Guide to Music Production your head will drift away trough every dimension, wandering in each and every aspect that maybe unidentified for but surely will become your mind friends. Imaging every single word written in a guide then become one type conclusion and explanation in which maybe you never get prior to. The Audio Engineering 101: A Beginner's Guide to Music Production giving you one more experience more than blown away your thoughts but also giving you useful information for your better life in this particular era. So now let us show you the relaxing pattern here is your body and mind is going to be pleased when you are finished looking at it, like winning a casino game. Do you want to try this extraordinary investing spare time activity?

#### **Maria Couch:**

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#### **Lauren Miner:**

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