



# The Audio Expert: Everything You Need to Know About Audio

By Ethan Winer

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**The Audio Expert: Everything You Need to Know About Audio** By Ethan Winer

Gain a deep understanding of audio practice and theory with this easy-to-read book, illustrated with more than 400 figures and photographs. Using common sense, plain-English explanations and minimal math, author Ethan Winer helps you understand audio at the deepest, most technical level?no engineering degree necessary.

If you're an intermediate to advanced recording engineer or audiophile, you already know the basic mechanics of how audio "works." This book will take you beyond that, weaving together audio concepts, theories of aural perception and acoustics, musical instrument physics, and basic electronics and demonstrating their relationships to one another.

Rather than merely showing you how to use audio devices like equalizers and compressors, Winer explains how they work internally and how they are spec'd and tested.

With *The Audio Expert*, you get:

- \* Videos and audio examples on the companion website ([www.TheAudioExpertBook.com](http://www.TheAudioExpertBook.com)) that help you understand complex topics, such as vibration and resonance
- \* Platform agnostic explanations, applying to Windows and Mac operating systems, and to most software and hardware
- \* Practical tips, tricks, advice, and lots of myth-busting

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### Editorial Review

#### From the Back Cover

*The Audio Expert* is a comprehensive reference that covers all aspects of audio, with many practical, as well as theoretical, explanations. Providing in-depth descriptions of how audio really works, using common sense plain-English explanations and mechanical analogies with minimal math, the book is written for people who want to understand audio at the deepest, most technical level, without needing an engineering degree. It's presented in an easy-to-read, conversational tone, and includes more than 400 figures and photos augmenting the text.

*The Audio Expert* takes the intermediate to advanced recording engineer or audiophile and makes you an expert. The book goes far beyond merely explaining how audio "works." It brings together the concepts of audio, aural perception, musical instrument physics, acoustics, and basic electronics, showing how they're intimately related. Describing in great detail many of the practices and techniques used by recording and mixing engineers, the topics include video production and computers. Rather than merely showing how to use audio devices such as equalizers and compressors, Ethan Winer explains how they work internally, and how they are spec'd and tested.

Most explanations are platform-agnostic, applying equally to Windows and Mac operating systems, and to most software and hardware. TheAudioExpertbook.com, the companion website, has audio and video examples to better present complex topics such as vibration and resonance. There are also videos demonstrating editing techniques and audio processing, as well as interviews with skilled musicians demonstrating their instruments and playing techniques.

#### About the Author

Ethan has, at various times, worked as a studio musician, computer programmer, circuit designer, recording engineer, composer/arranger, technical writer, and college instructor. He's had nearly 100 feature articles published in audio and computer magazines including Mix, PC Magazine, Electronic Musician, EQ Magazine, Audio Media, Sound on Sound, Keyboard, Pro Sound News, and Recording. . In 2002 he started the company RealTraps to manufacture bass traps and other acoustic treatment, which he continues to this day.

### Users Review

#### From reader reviews:

##### Sheldon Downs:

The particular book The Audio Expert: Everything You Need to Know About Audio will bring you to definitely the new experience of reading some sort of book. The author style to elucidate the idea is very unique. Should you try to find new book to read, this book very ideal to you. The book The Audio Expert: Everything You Need to Know About Audio is much recommended to you to read. You can also get the e-book from the official web site, so you can quicker to read the book.

**Theresa Walker:**

Spent a free time and energy to be fun activity to do! A lot of people spent their leisure time with their family, or their particular friends. Usually they undertaking activity like watching television, about to beach, or picnic from the park. They actually doing ditto every week. Do you feel it? Do you need to something different to fill your current free time/ holiday? Might be reading a book could be option to fill your totally free time/ holiday. The first thing that you will ask may be what kinds of reserve that you should read. If you want to test look for book, may be the book untitled The Audio Expert: Everything You Need to Know About Audio can be excellent book to read. May be it can be best activity to you.

**Rene Moore:**

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**Eleanor Abney:**

Are you kind of hectic person, only have 10 or even 15 minute in your morning to upgrading your mind talent or thinking skill perhaps analytical thinking? Then you are experiencing problem with the book compared to can satisfy your short period of time to read it because all this time you only find book that need more time to be go through. The Audio Expert: Everything You Need to Know About Audio can be your answer given it can be read by a person who have those short free time problems.

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