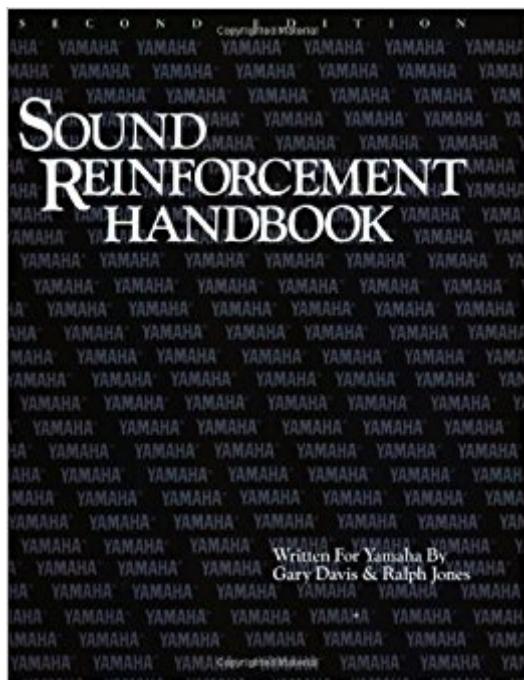


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# The Sound Reinforcement Handbook



## Synopsis

(Yamaha Products). Sound reinforcement is the use of audio amplification systems. This book is the first and only book of its kind to cover all aspects of designing and using such systems for public address and musical performance. The book features information on both the audio theory involved and the practical applications of that theory, explaining everything from microphones to loudspeakers. This revised edition features almost 40 new pages and is even easier to follow with the addition of an index and a simplified page and chapter numbering system. New topics covered include: MIDI, Synchronization, and an Appendix on Logarithms. 416 Pages.

## Book Information

Paperback: 420 pages

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Average Customer Review: 4.4 out of 5 stars 163 customer reviews

Best Sellers Rank: #25,336 in Books (See Top 100 in Books) #4 in Books > Arts & Photography > Music > Recording & Sound #5 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Acoustics #6 in Books > Science & Math > Physics > Acoustics & Sound

## Customer Reviews

This is a comprehensive book, full of information covering everything from the basics of sound to all the types of sound capture, recording and playback gear commonly used today. Yamaha produced a DVD called "Exploring Sound Reinforcement" which is essentially a less detailed video version of this book. I loved that video and recommend anyone new to sound systems at churches, schools and businesses start there. YouTube has the video at [...]. This book is worth every penny as a reference for all things sound reinforcement-related. Even their review of the basics, such as decibels, sound pressure levels, the relationship between sound and volume and basic math associated with sound reinforcement, is valuable to both beginner and expert alike. My one complaint is that this book looks like it was printed before the days of word processors. That's probably because this book was originally published around the time the personal computer

revolution was just beginning. It doesn't take away from the knowledge itself, but Yamaha would do their customers a huge service to give this book a redo in terms of fonts and formatting. It would also be nice if they'd offer it for e-readers like Kindle and others. Apart from that, this book is essential material for any serious sound engineer's reference shelf.

I have been a music/theatre teacher in small schools for 25 years. That means I have to do all my own setup for concerts and performances. I had never taken a course in how to use sound equipment and learned most things by accident. I first discovered this book in the mid-90s and have used it ever since. It is set up like an encyclopedia, so you can skip around to the sections that relate to your current needs. I haven't found another reference that is so useful. I also use it for training my students in how to use sound equipment (both middle school and high school); and it is the book I continue to recommend to my music/theatre colleagues.

This book is unequivocally the Bible for anyone working in pro audio. It explains everything you need to know, in sufficient detail, and is indexed to make future reference much easier. The writing is absolutely excellent. However, the printing quality is absolutely horrendous. The type font is difficult to read, and the letters are a little smudgy which makes it even worse (especially considering the relatively fine print used). But what blows my mind about the printing quality is that there are actually splotches, lines, and cut off text from photocopying the pages! You know that cruddy photocopier you have in the office? It's kinda like that. I'm disappointed that the text hasn't been updated to bring audio pros up to speed on the digital revolution (this text is from 1988). But I'm SHOCKED that the publisher hasn't corrected the printing errors while reprinting the book. SHAME ON HAL-LEONARD. But as for Gary Davis, Ralph Jones, and Yamaha? Good on ya'.

Arrived fast and in perfect condition. I have been doing sound a long time and loaned (gave away) my old copy. Anyone interested in audio needs this book, even at a much higher price, worth it's weight in gold. Read it all the way through and when a problem shows up you will have a "i know what to do" come to mind. Large sound systems can have large problems, but with this book stored in your memory they become a minor issue. I bought this new one and will never loan it out. If you are into sound reproduction, buy it, read it, you will learn a lot.

If you want simple how to directions do not buy this book. If you want an in-depth study of how to set up and operate sound equipment like a professional sound engineer this book will tell you all you

need to know and more. It is definitely a sound engineering textbook.

Great book, but unless you're already a pro, don't expect to understand any of it. It's got all of the information that you could ever need or want to know about sound, but even though I've been at this for 35 years and I'm a mechanical engineer, most of this book is way over my head and very hard to read. It's an awesome reference, but don't expect it to make you a pro.

I'll admit, I'm only 2 chapters in -- I'll update this review if I see fit. But I found this book to be very well written - better than any technical book I've ever read. Many authors can become confusing during complex topics by being excessively verbose, or not verbose enough. With few exceptions, he walks the line perfectly (at least for my needs as a reader). Thus far for the first two chapters, a basic understanding of Trigonometry would be very useful. I'd also recommend checking out the appendix that explains logarithms if you are not familiar. While it is true that this book is dated (1989), the difference between the average sound system today and in 1989 is much smaller than the difference in say the average computer. Many of the concepts are equally applicable to today. Besides how else are you going to get such a great book for fifteen bucks? Update: This book is good all the way throughout. I kinda wish it had more example specifications, but those can be found via manufacturers. I haven't looked, but I'm sure they are easy to find on the internet. Update 2: Basically done with the book. In hindsight there are certainly some rough spots that could have been better written, but not enough to justify a 4 star ranking. The rough edges are few and far in between and the rest of the book's greatness overwhelms them. If you want to do anything with live sound, read this book.

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