



Handbook of Recording Engineering

By John M. Eargle

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The Handbook of Recording Engineering is a logical outgrowth of the first two editions of Sound Recording. The ten years since the first edition have seen no slackening in the development of recording technology, and they have witnessed an almost phenomenal growth in the teaching of recording and audio engineering at all academic levels. The earlier editions of Sound Recording have been widely used as texts at all educational levels, and it is the author's intent in the Handbook of Recording Engineering to produce a book which is even more suited to these purposes. At the same time, the book has been organized as a true handbook, which presents of reference material in easily accessible form. a broad array The organization of the book is unique in that it progresses as the signal transmission chain itself does—from the recording venue on through the microphone, transmission channel, and finally to the listening environment. The first six chapters thus form a logical sequence, and the author recommends that instructors using the Handbook follow them accordingly. Chapter One presents a discussion of acoustical fundamentals, including an introduction to some basic psychoacoustical considerations having to do with performance spaces. Chapter Two covers the basic operating principles of microphones, while Chapter Three extends the discussion of microphones to cover the entire range of stereophonic imaging phenomena.

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Editorial Review

From the Back Cover

John Eargle's 4th edition of The Handbook of Recording Engineering is the latest version of his long-time classic hands-on book for aspiring recording engineers. It follows the broad outline of its predecessors, but has been completely recast for the benefit of today's training in recording and its allied arts and sciences.

Digital recording and signal processing are covered in detail, as are actual studio miking and production techniques -- including the developing field of surround sound. As always, the traditional topics of basic stereo, studio acoustics, analog tape recording, and the stereo LP are covered in greater detail than you are likely to find anywhere except in archival references.

This book has been completely updated with numerous new topics added and outdated material removed. Many technical descriptions are now presented in Sidebars, leaving the primary text for more general descriptions.

Handbook of Recording Engineering, Fourth Edition is for students preparing for careers in audio, recording, broadcast, and motion picture sound work. It will also be useful as a handbook for professionals already in the audio workplace.

John Eargle has consulted extensively in electroacoustical product development, primarily with JBL Incorporated and other companies in the Harman International group. He also founded his own company, now called JME Consulting Corporation. He has published numerous technical articles, and his books, Handbook of Recording Engineering, The Microphone Handbook, Handbook of Sound System Design, Electroacoustical Reference Data, Music, Sound, and Technology, and The Loudspeaker Handbook, are considered classics in the field. He currently holds the position of Senior Director of Product Development and Application for JBL Professional.

Users Review

From reader reviews:

Patricia Oyler:

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Brenda Wright:

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