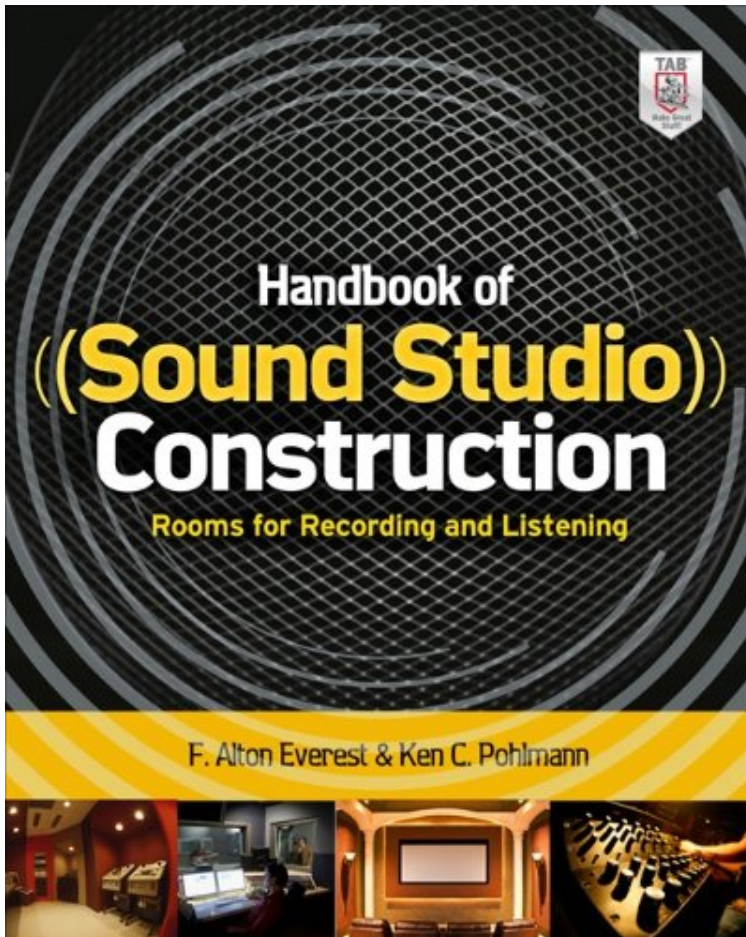


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Handbook of Sound Studio Construction: Rooms for Recording and Listening



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Description :

Prsentation de l'diteurBuild first-class recording studios and listening spaces Design and build your own audiophile-grade recording and playback environments using proven, cost-effective plans and techniques. Handbook of Sound Studio Construction: Rooms for Recording and Listening explains practical acoustical properties and describes how to engineer acoustically sensitive spaces, including music recording studios, control rooms, voice studios, home project studios, A/V suites, media rooms, and surround-sound home theaters. Learn how to choose room dimensions, select building materials, construct your own custom treatments, maximize isolation, and generate and analyze response curves. This do-it-yourself guide incorporates decades of roomdesign experience and provides you with the practical knowledge to design and build your own acoustical spaces or improve existing spaces. Coverage includes: An introduction to room acoustics and acoustical design Reflecting, absorbing, and diffusing materials Room geometry, modes, and treatment Acoustic isolation, site selection, and HVAC design Wall, floor, and ceiling construction Window and door design considerations Reverberation times, early reflections, and psychoacoustics Objective and

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Pohlmann is professor emeritus and former director of the Music Engineering programs at the University of Miami. He is a consultant for audio manufacturers in technology development and patent litigation. Pohlmann has authored or co-authored numerous books, including Principles of Digital Audio and Master Handbook of Acoustics, both for McGraw-Hill. He is a monthly contributor to Sound Vision magazine and has written over 2,500 articles and test reports for magazines and journals. Pohlmann chaired the Audio Engineering Society's International Conference on Digital Audio, and co-chaired the International Conference on Internet Audio. He consults for companies such as Bertlesmann Music Group, Cirrus Logic, Ford, Fujitsu, Harman International, Hughes Electronics, Hyundai, IBM, Daimler-Chrysler, Lexus, Microsoft, Nippon Columbia, Philips, Sony, Time Warner, and Toyota.