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Surround Sound: Up And Running

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Synopsis

Fully updated throughout this best selling title on surround sound offers you a wealth of practical information, now considered the ‘go to’ book for those requiring a working knowledge. Concentrating specifically on surround audio, Holman provides clear comprehensive explanations of complex concepts, making this a must have book for all those in the field.

Book Information

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Customer Reviews

Praise for previous edition:"After revolutionizing theatrical film surround sound and promoting among other things the use of single common subwoofers in home theatre surround systems, he went on to design and set up some of the top multi-channel studios of today. His book lays out all the types of multichannel sounds, from its roots in film to its new uses in DVD video and audio and DTV broadcast." - Audiophile Audition

"His book lays out all the types of multichannel sound, from its roots in film to its new uses in DVD video and audio and DTV broadcast. It would be a valuable reference for anyone involved in surround sound production in any form and for home theatre dealers and installers as well." - Audiophile Audition

"Apart from the nuts and bolts, enough theory and debate is provided to keep any practitioner or sound student happy...Holman has a rare gift for simple explanation of complex concepts. I have read many sound textbooks but this volume has clarified things I never fully grasped before. 5.1 Surround Sound should be the first port of call if you are new to the subject and will provide a good source of reference for anyone already involved." - Studio Sound
Surround Sound, Up and RunningSecond EditionTomlinson Holman* Includes recording and mixing tips for multichannel sound * Step-by-step instructions for setting up a monitoring room * Authored by the developer of THX SoundThe popularity of Surround Sound in the cinema and home has exploded, with technology becoming cheaper and more accessible. Now in its second edition, Surround Sound is a comprehensive guide to all aspects of this medium. Written by a leading industry expert, Tom Holman has fully updated this edition to include 10.2 surround, advances in digital cinema and the latest delivery methods. Using clear and concise explanations Holman covers Monitoring, Multichannel Mixing, Delivery Formats and Psychoacoustics. Full of hands-on practical advice, Surround Sound is essential reading for both new and experienced engineers. Tomlinson Holman is President of TMH Corporation, Professor of Film Sound at the University of Southern California School of Cinematic Arts, and is a leading figure in audio and video. He developed THX Sound and THX Digital Mastering during his period as Corporate Technical Director at Lucasfilm Ltd. Tom has won awards from the Academy of Motion Picture Arts and Sciences, AES, BKSTS, CAS, CEDIA, IEEE, and MPSE.

I'm an audio engineer. I'm also a reader, and have a natural thirst for knowledge. Many of the books I read written about audio post production are often pedestrian. They often lack the detail and support to back up their claims or ideas. This is not the case with this book however. The author appears to be both an engineer and teacher at USC. This post grants him access to labs and testing, standards organizations and trials. Therefore, his book reads more like a textbook chalk full of data and less like a manual on how to get started. The chapter on studio tuning was eye opening, as was his depth on sample rate and bit depth in the appendix section. This book is for those looking to broaden their knowledge of the underlying principles guiding the industry, and while still explaining some aspects of everyday mixing, it's more like a reference than anything else.

Clear and concise, with very clear descriptions of theory and implementation.

After almost 20 years in broadcasting, mixing for TV, I've decided starting on surround mixing and this book is giving me all the informations i need for a good starting point on surround mixing. The book has a lot of technical informations and the author tell us the history on surround audio.

From the creator of the THX standard comes a magnificent book about Surround Sound. Period. No
matter what format it's on, or if it is compressed or not, the book talks about surround sound in it is rawest form. There are some errors such as no mention of certain Digital Sound formats that were tested and used in certain cinemas on certain films, but I cannot turn my nose up at such a great book for such a small error. I highly recommend this book to engineers, both new and old, it's a great book, but be warned, if you are unfamiliar with certain terminology for the audio field, you will get lost, FAST!

Just start to learn 5.1 surround music mix this quarter, this book gave me a lot of details about 5.1 from recording to final products. Highly recommend!

Technically authoritative, written in an easy-to-understand manner, and covering a surprising depth, this would be the definitive book about Surround Sound, in all it's permutations. Highly recommended.

This book is a supposed "update" to the first edition of this book. It is a book written to take advantage of the self-promotion done by the author, Tomlinson Holman, who isn’t shy about taking credit for the THX sound systems that were widely used in the 1980’s and early 1990’s. The film exhibition industry has abandoned these theories however, and is moving away from bandwidth-limited soundtracks and acoustical "deadening" of cinema sound systems. Movie theaters have mostly stopped touting "THX" sound systems, and THX, under new leadership, has changed dramatically their recommendations for sound systems. It should be noted that the author isn't even a degreed engineer. Additionally, in the same series of books, respected acoustician Floyd Toole’s newest book roundly criticizes Holman’s work in this area, and repudiates it in toto. Sound Reproduction: The Acoustics and Psychoacoustics of Loudspeakers and Rooms The Society of Motion Picture and Television Engineers (SMPTE) is currently revising all the standards related to cinema sound reproduction. I would advise NOT using any of the Tomlinson Holman books as a guide, and awaiting updated standards.

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