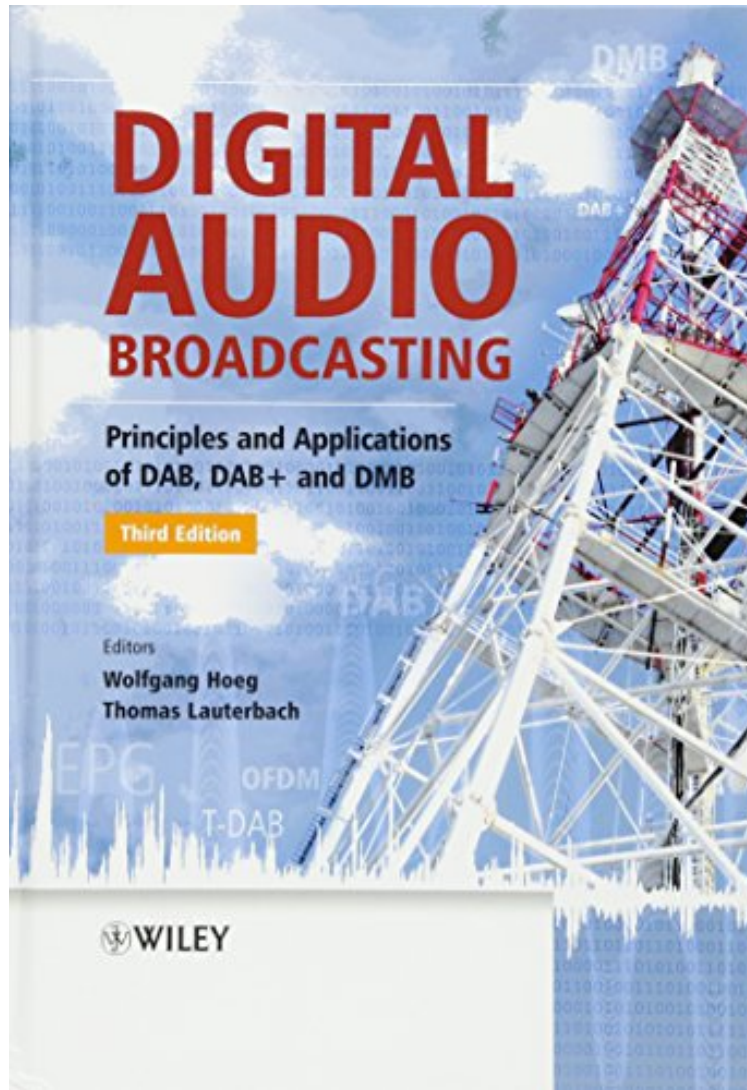


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1 of 1 people found the following review helpful. The Definitive Reference on DABBy D AndertonFor those interested in the details of Digital Audio Broadcasting (DAB)--the system used in Europe and many other parts of the world--this is the definitive reference. The book's contents are outlined belowChapter 1--IntroductionCovers the

history of the DAB/DAB+ standard and related standards (e.g., DRM and DMB).Chapter 2--System ConceptDiscusses the frame and modulation aspects from a systems approach. The topics are covered with reference to their inclusion in the DAB standard. Don't expect a tutorial on error correction coding or OFDM.Chapter 3--Audio Services and ApplicationsOverview of MP2 and AAC encoding (a brief overview).Discussion of associated data packing and multi-channel services.Chapter 4-- Data Services and ApplicationsDiscussion of multimedia objects and text services, traffic information and related services.Chapter 5--Provision of ServicesOverview of various services including electronic program guides and DAB data versus RDS.Chapter 6--Collection and Distribution NetworksA discussion of multiplexing and demultiplexing services on a common STI (Service Transport Interface).Chapter 7--The Broadcast SideDAB networks, DAB transmitters, coverage plans, etc.Chapter 8--The Receiving SideAn overview of the RF front-end, digital demodulation, audio decoding, etc.Chapter 9-- Mobile Television and MultimediaBrief discussion of DMB and IPDC (extensions of DAB to handle image and video).A few notes on the book: o The book is typical for books written as overviews on communication systems. The text doesn't replace the underlying standards, but might be a bit easier to read with some attention given to the motivation or 'why' behind the standard and not just the 'what' or details of the standard.o With a myriad of contributors and two editors, the flow and readability varies from section to section.o There is a lot of information (perhaps too much) on the history and evolution of the DAB standard.o There is the typical obligatory swipe at the IBOC HD radio standard used in North America.Overall, a good book to have if you work with DAB/DAB+ systems.

Digital Audio Broadcasting revised with the latest standards and updates of all new developments The new digital broadcast system family is very different from existing conventional broadcast systems. It is standardised in a large number of documents (from ITU-R, ISO/IEC, ETSI, EBU, and others) which are often difficult to read. This book offers a comprehensive and fully updated overview of Digital Audio Broadcasting (DAB, DAB+) and Digital Multimedia Broadcasting (DMB), and related services and applications. Furthermore, the authors continue to build upon the topics of the previous editions, including audio coding, data services, receiver techniques, frequencies, and many others. There are several new sections in the book, which would be otherwise difficult to locate from various sources. Key Features: The contents have been significantly updated from the second edition, including up-to-date coverage of the latest standards Contains a new chapter on Digital Multimedia Broadcasting Must-have handbook for engineers, developers and other professionals in the field This book will be of interest to planning and system engineers, developers for professional and domestic equipment manufacturers, service providers, postgraduate students and lecturers in communications technology. Broadcasting engineers in related fields will also find this book insightful.

"The whole DAB community has been waiting for this. It really is a very useful 'one-stop' handbook." ("EBU Technical , June 2001)..."provides a technical review of digital radio system DAB...Written for broadcasting engineers and technical operators, content providers and programmers, and broadcast students." ("SciTech Book News, Vol. 25, No. 3, September 2001)"A well written book by people who know what they are talking about." (M2 Communications, 24 May 2001) ..."I am sure I will be poring over this book for months... I encourage you to do the same. It will serve you well..." (Radio World, 14 October 2002)From the Back CoverRevised with the latest standards and updates of all new developments The new digital broadcast system family is very different from existing conventional broadcast systems. It is standardised in a large number of documents (from ITU-R, ISO/IEC, ETSI, EBU, and others) which are often difficult to read. This book offers a comprehensive and fully updated overview of Digital Audio Broadcasting (DAB, DAB+) and Digital Multimedia Broadcasting (DMB), and related services and applications. Furthermore, the authors continue to build upon the topics of the previous editions, including audio coding, data services, receiver techniques, frequencies, and many others. There are several new sections in the book, which would be otherwise difficult to locate from various sources. Key Features: The contents have been significantly updated from the second edition, including up-to-date coverage of the latest standards