



Magnetic Recording: The First 100 Years

From Brand: Wiley-IEEE Press

[Download now](#)

[Read Online](#) 

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press

"The first magnetic recording device was demonstrated and patented by the Danish inventor Valdemar Poulsen in 1898. Poulsen made a magnetic recording of his voice on a length of piano wire. MAGNETIC RECORDING traces the development of the watershed products and the technical breakthroughs in magnetic recording that took place during the century from Paulsen's experiment to today's ubiquitous audio, video, and data recording technologies including tape recorders, video cassette recorders, and computer hard drives.

An international author team brings a unique perspective, drawn from professional experience, to the history of magnetic recording applications. Their key insights shed light on how magnetic recording triumphed over all competing technologies and revolutionized the music, radio, television and computer industries. They also show how these developments offer opportunities for applications in the future.

MAGNETIC RECORDING features 116 illustrations, including 92 photographs of historic magnetic recording machines and their inventors."

Sponsored by:
IEEE Magnetics Society

 [Download Magnetic Recording: The First 100 Years ...pdf](#)

 [Read Online Magnetic Recording: The First 100 Years ...pdf](#)

Magnetic Recording: The First 100 Years

From Brand: Wiley-IEEE Press

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press

"The first magnetic recording device was demonstrated and patented by the Danish inventor Valdemar Poulsen in 1898. Poulsen made a magnetic recording of his voice on a length of piano wire. MAGNETIC RECORDING traces the development of the watershed products and the technical breakthroughs in magnetic recording that took place during the century from Paulsen's experiment to today's ubiquitous audio, video, and data recording technologies including tape recorders, video cassette recorders, and computer hard drives.

An international author team brings a unique perspective, drawn from professional experience, to the history of magnetic recording applications. Their key insights shed light on how magnetic recording triumphed over all competing technologies and revolutionized the music, radio, television and computer industries. They also show how these developments offer opportunities for applications in the future.

MAGNETIC RECORDING features 116 illustrations, including 92 photographs of historic magnetic recording machines and their inventors."

Sponsored by:
IEEE Magnetics Society

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press Bibliography

- Sales Rank: #3399391 in Books
- Brand: Brand: Wiley-IEEE Press
- Published on: 1998-08-31
- Original language: English
- Number of items: 1
- Dimensions: 9.74" h x .74" w x 7.01" l, 1.37 pounds
- Binding: Paperback
- 370 pages

 [Download Magnetic Recording: The First 100 Years ...pdf](#)

 [Read Online Magnetic Recording: The First 100 Years ...pdf](#)

Download and Read Free Online Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press

Editorial Review

From the Back Cover

Electrical Engineering/History of Technology Magnetic Recording The First 100 Years The first magnetic recording device was demonstrated and patented by the Danish inventor Valdemar Poulsen in 1898. Poulsen made a magnetic recording of his voice on a length of piano wire. Magnetic Recording traces the development of the watershed products and the technical breakthroughs in magnetic recording that took place during the century from Poulsen's experiment to today's ubiquitous audio, video, and data recording technologies, including tape recorders, video cassette recorders, and computer hard drives. An international author team brings a unique perspective, drawn from professional experience, to the history of magnetic recording applications. Their key insights shed light on how magnetic recording triumphed over all competing technologies and revolutionized the music, radio, television, and computer industries. They also show how these developments offer opportunities for future applications. Magnetic Recording features 116 illustrations, including 92 photographs of historic magnetic recording machines and their inventors.

About the Author

About the Editors Eric D. Daniel has worked in magnetic recording since 1947. He worked ten years with the BBC Research Department, three years at the National Bureau of Standards, two years at Ampex, and twenty years at Memorex. As Director of Research at Memorex, Mr. Daniel worked on a wide variety of magnetic recording media, including computer, instrumentation, video and audio tape products, and rigid and flexible disks. In 1979 he was elected as a Fellow of Memorex, and in 1982 he retired from full-time employment.

Denis Mee worked on audio recording for five years at CBS Laboratories. He then worked thirty years at IBM where he specialized in advanced storage technologies, including magneto-optical storage, magnetic recording heads, media, and recording subsystems for computer rigid disks. In 1983 he was elected as an IBM Fellow, and in 1993 he retired from IBM. Dr. Mee continues to represent a consortium of companies supporting storage research at various universities.

Mark H. Clark is Assistant Professor of History in the Humanities and Social Sciences Department at Oregon Institute of Technology. An authority on the early history of audio magnetic recording, Dr. Clark spent the summer of 1996 as a Fulbright Professor at the University of Aarhus, Denmark where he researched the life of Valdemar Poulsen.

Users Review

From reader reviews:

Walter Chacon:

The book Magnetic Recording: The First 100 Years can give more knowledge and also the precise product information about everything you want. So why must we leave the best thing like a book Magnetic Recording: The First 100 Years? Some of you have a different opinion about e-book. But one aim in which book can give many data for us. It is absolutely appropriate. Right now, try to closer with your book. Knowledge or info that you take for that, you could give for each other; it is possible to share all of these. Book Magnetic Recording: The First 100 Years has simple shape however you know: it has great and large function for you. You can seem the enormous world by available and read a book. So it is very wonderful.

Lola Paolucci:

The event that you get from Magnetic Recording: The First 100 Years will be the more deep you excavating the information that hide in the words the more you get considering reading it. It doesn't mean that this book is hard to be aware of but Magnetic Recording: The First 100 Years giving you excitement feeling of reading. The copy writer conveys their point in specific way that can be understood by anyone who read this because the author of this publication is well-known enough. This kind of book also makes your own personal vocabulary increase well. Therefore it is easy to understand then can go with you, both in printed or e-book style are available. We propose you for having that Magnetic Recording: The First 100 Years instantly.

Sheila Davis:

Would you one of the book lovers? If yes, do you ever feeling doubt if you are in the book store? Make an effort to pick one book that you find out the inside because don't determine book by its cover may doesn't work at this point is difficult job because you are frightened that the inside maybe not because fantastic as in the outside appearance likes. Maybe you answer might be Magnetic Recording: The First 100 Years why because the wonderful cover that make you consider concerning the content will not disappoint you. The inside or content is definitely fantastic as the outside or cover. Your reading sixth sense will directly assist you to pick up this book.

James Ritchey:

It is possible to spend your free time to read this book this publication. This Magnetic Recording: The First 100 Years is simple to deliver you can read it in the park your car, in the beach, train and also soon. If you did not get much space to bring the actual printed book, you can buy the e-book. It is make you simpler to read it. You can save the book in your smart phone. Therefore there are a lot of benefits that you will get when one buys this book.

Download and Read Online Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press #HWU5RST42NE

Read Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press for online ebook

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press books to read online.

Online Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press ebook PDF download

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press Doc

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press Mobipocket

Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press EPub

HWU5RST42NE: Magnetic Recording: The First 100 Years From Brand: Wiley-IEEE Press