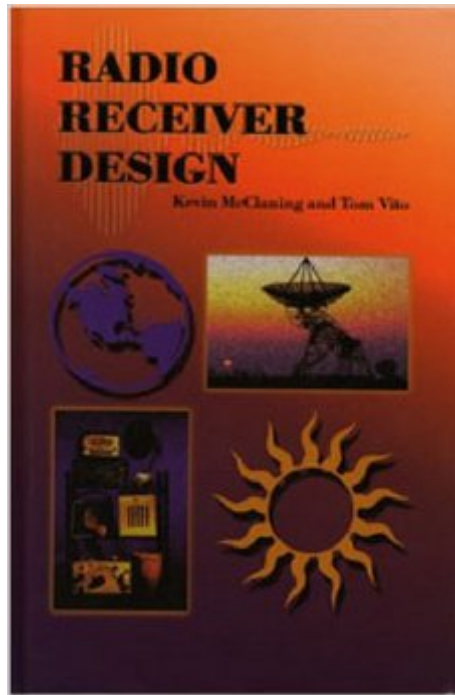


The book was found

# Radio Receiver Design



## Synopsis

Single-source handbook on receiver design. Contains extensive chapters on mixers, oscillators, filters, and amplifiers. Covers in detail all major components related to receiver design, including cascade interaction. Provides excellent introductions and technical background on basic as well as advanced component characteristics, featuring "war stories," exercises, design examples and an abundance of useful drawings and tables. Serves as a reference tool for students and professionals of electrical engineering, RF and microwave electronics and radio receiver design. Emphasizes practical and proven concepts that help clarify the role of each component within the design.

## Book Information

Hardcover: 796 pages

Publisher: Noble Publishing Corporation (February 2001)

Language: English

ISBN-10: 188493207X

ISBN-13: 978-1884932076

Product Dimensions: 9.2 x 6.1 x 1.8 inches

Shipping Weight: 2.6 pounds

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (5 customer reviews)

Best Sellers Rank: #1,727,631 in Books (See Top 100 in Books) #54 in [Books > Crafts, Hobbies & Home > Antiques & Collectibles > Radios & Televisions](#) #671 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio](#) #8521 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics](#)

## Customer Reviews

By way of full disclaimer, I just received this book. I previously searched for customer reviews but could find none. I took a chance on the rather skimpy reviews and ordered the book. Am I ever pleased! Having read through just the first chapter, I am impressed with the authors writing style. My sense is that the book is tutorial in nature, delivers an easy-to-read discussion of all the architectural components needed to understand a receiver, and is full of specific examples of the topics discussed. The book is not a "cookbook" with specific circuit examples. The book approaches receiver design from the standpoint of architecture at a systems level with discussion of the specification, considerations, and other characteristics needed to understand good receiver design. Chapter 1 "introduces many of the basic concepts". I found that chapter one was a good review of the basic concepts more so than an introduction. Review of dB math, standard use of dBHz, dBK, etc.

Following topics include frequency, propagation, and wavelength, transmission lines, two-port networks, matching and power transfer, modulation theory (AM, FM, PM) in the time and frequency domain, and noise theory. Each topic is short in the sense that a 140+ page chapter cannot do justice to a complete coverage of each topic. That written, the authors provide clear explanations with great examples of each topic of discussion. I found the discussion of transmission line theory very well written, did not overwhelm the reader excessive high-level math, and covered the key transmission line concepts that a receiver designer needs to master. The authors tell "war stories" to discuss real-life issues illustrating why mastering each topic is important in practice.

[Download to continue reading...](#)

Ham Radio Guide Quick Start Ham Radio Guide- From Beginner To Advanced: (Ham Radio Study Guide, Dummy Load Ham Radio) (Home Ham Radio, Ham Radio Book) Ham Radio: Ultimate Ham Radio Beginners To Expert Guide: Easy Step By Step Instructions And Vital Knowledge To Start Using Your Ham Radio Today! (Ham Radio, Ham ... Radio License Manual, Ham Radio For Dummies) Ham Radio: The Ultimate Guide to Learn Ham Radio In No Time (Ham radio, Self reliance, Communication, Survival, User Guide, Entertainments) (Radio, guide, reference books, how to operate Book 1) Radio Receiver Design Radio Receiver Projects You Can Build Ham Radio: The Ultimate Ham Radio QuickStart Guide - From Beginner To Expert (Survival, Communication, Self Reliance, Ham Radio) Ham Radio: Ultimate User Guide 2016 (Survival, Communication, Self Reliance, Ham Radio, ham radios, ham radio for beginners, self reliance) Ham Radio: Advanced Guide (Ham radio, Self reliance, Communication, Survival, User Guide, Entertainments, Radio, guide, reference books) Ham Radio: The Ultimate Ham Radio Guide - How To Set Up And Operate Your Own Ham Radio Station (Survival, Communication, Self Reliance) Baseband Receiver Design for Wireless MIMO-OFDM Communications Modern Communications Receiver Design and Technology (Artech House Intelligence and Information Operations) Software Receiver Design Software Receiver Design: Build your Own Digital Communication System in Five Easy Steps KODI XBMC Magic: Watch Thousands of Movies & Tv Shows For Free On Your Pc Mac or Android Device Cancel Netflix Watch Free tv: guide listings online satellite box direct player receiver justin laptop Operation Wide Receiver: An Informant's Struggle to Expose the Corruption and Deceit That Led to Operation Fast and Furious Beyond Powerful Radio: A Communicator's Guide to the Internet Age\_News, Talk, Information & Personality for Broadcasting, Podcasting, Internet, Radio Radio & TV Premiums: A Guide to the History and Value of Radio and TV Premiums Ham Radio for Beginners: Quickstart Guide for New Hams and Amateur Radio Enthusiasts (Get your license and go from beginner to expert in survival communication and self

reliance) The Radio Amateur's Satellite Handbook (Radio Amateur's Library,, Publication No. 232)

Ham Radio: The Complete Ham Radio Guide - From Beginner to Expert in 24 Hours or Less!

(Survival, Communication, Self Reliance)

[Dmca](#)