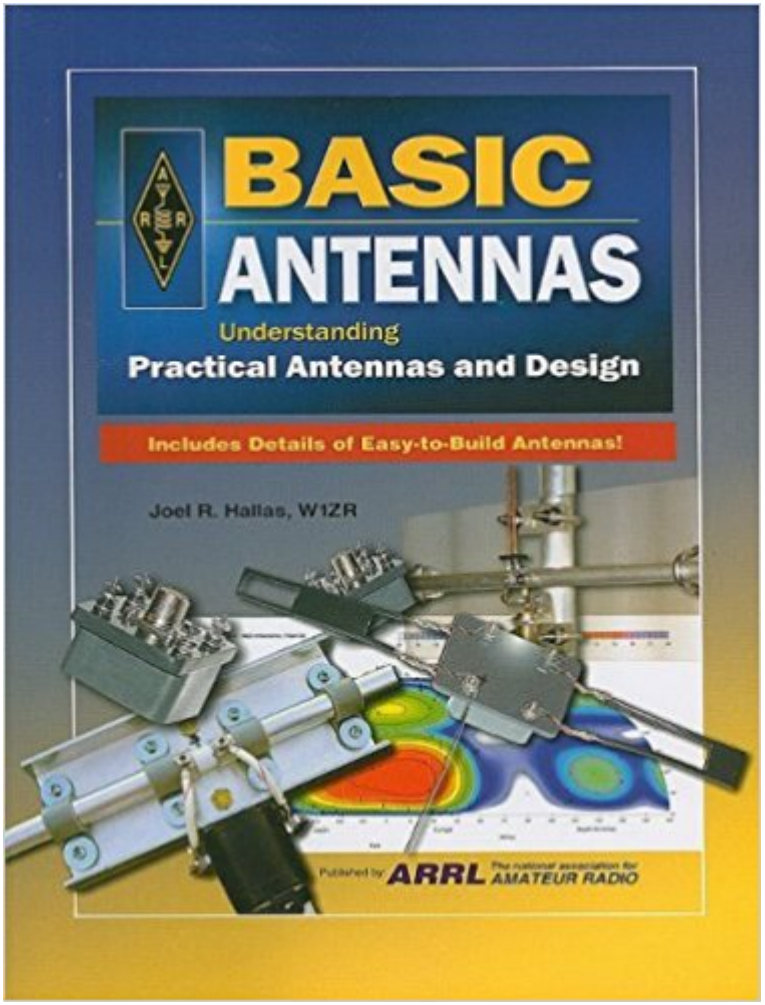
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Basic Antennas



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Synopsis

Understanding Practical Antennas and DesignsBasic Antennas is a comprehensive introduction to antennas--basic concepts, practical designs, and details of easy-to-build antennas. You ll learn how to make antennas that really work! This book will provide a foundation in antenna theory and design necessary for anyone undertaking more advanced topics such as those presented in The ARRL Antenna Book. Includes: Dipole Antennas, Antenna Impedance, Transmission Lines, Practical Two Element Arrays, Wideband and Multiband Antennas Reflector Antennas, Yagis for HF and VHF, Loop Antennas, Antennas for Microwave Applications, Vehicle Antennas, Antenna Measurements, Plus, an Introduction to Antenna Modeling...and much more!

Book Information

Paperback: 216 pages

Publisher: ARRL, the national association for Amateur Radio; 1 edition (February 28, 2009)

Language: English

ISBN-10: 087259999X

ISBN-13: 978-0872599994

Product Dimensions: 0.5 x 8.2 x 11 inches

Shipping Weight: 15.5 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 38 customer reviews

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Customer Reviews

This was a good introduction to antennas. I’m not a total beginner, as I have a basic understanding of electromagnetism and related concepts. This did help quite a bit to understand relationships between antenna height above ground and radiation patterns, etc. The section on types of matches to use with yagi antyennas was especially useful.However, I felt the book should have been written a a stand-alone book, rather than relying upon (and to some extent, advertising) antenna design software.I read about half of the book, focusing on the basic concepts and later, designs that most closely apply to my planned applications. It left me feeling like I couldn’t easily analyze antenna designs without purchasing the recommended software. So, 4 stars for teaching me quite a bit. But in order to get a full five stars, it should have been written to stand on it’s own, omitting the chapter

dedicated to the software. I just hate buying a book only to learn that I have to buy software in order to make full use of an entire chapter.Still I would definitely recommend this book to anyone wanting to understand the basic concepts.

While not an 'in depth' or advanced look at antennas, it more than covers the basics of how antennas work, covers designs of different antennas for different frequencies, and the math involved in antenna design. Especially useful for new amateur radio operators who are looking for alternatives to the over priced commercial antennas available. Found it very useful.

Oh boy where to begin... ARRL Basic? Antennas. Loved the book, I got out of it just what I wanted and that was the Formulas for making wire antennas and understanding Balanced and unbalanced antennas. Do I understand Impedance now, nope. But at least now I know what questions to ask other Hams that can help me. So as I learn more of my hobby I am sure this book will be of great help.

Actually an excellent book for those of us who teach antenna theory or how to build antennas. This pretty much covers all you would want to know in basic terms

Amateur radio is well known as a DIY hobby. When I got my ham license I didn't really have any interest in building my own radio. However, even if you buy an expensive Yaesu or Kenwood radio that's ready to go out of the box, you still need to know something about antennas.That's where this book comes in. Antennas are usually the weakest link that you have control over in radio communication. If you don't know much about antennas, you'll have a very hard time making contact with others.This book is extremely essential because it gives you what you need to know to get on the air reliably.The ARRL Antenna Book is practically the antenna bible, but if you're just getting started in radio, this basic antenna book is what you want to have.

This book is great if you want to build and test your own antennas.

This book is on basic antenna designs. A must for beginner or intermediate radio enthusiasts. If you are thinking of shortwave or any radio listening as a hobby, this is a great starters instrucion book. If you don't have a well planned antenna set up, no matter how good the electronics, you will get poor or no acceptable reception.

Still reading but so far it has really helped me on antenna use.

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