



Practical Antenna Handbook 5/e

By Joseph Carr, George Hippisley

[Download now](#)

[Read Online](#) 

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley

THE DEFINITIVE ANTENNA REFERENCE--FULLY REVISED AND EXPANDED!

Design and build your own antennas with the help of this unique guide. Updated and revised to provide clear answers to questions frequently asked by hobbyists and electronics technicians, *Practical Antenna Handbook*, Fifth Edition blends theoretical concepts with hands-on experience--requiring only high school mathematics

Reorganized to flow logically from broad physical principles to specific antenna design and construction techniques, the book begins by covering the fundamentals. Then the half-wave dipole is discussed both as an excellent antenna in its own right and as a conceptual tool for predicting the performance of other designs. Transmission line impedance matching techniques--and a companion Smith chart tutorial--lead into "must have" accessories for tuning, monitoring, and troubleshooting antenna system performance. Other tools, such as antenna modeling software and network analyzer add-ons for PCs and Macs, are addressed, and concluding chapters offer fresh insights into support structures and installation techniques.

NEW TOPICS COVERED INCLUDE:

- Characteristics of all-driven and parasitic arrays
- Beverages and small MF/HF receiving loops
- Top-loaded shunt-fed towers and other verticals
- Theory and design of Yagi beams
- Effect of real ground on propagation and antenna patterns, impedance, and efficiency
- Lightning protection and four kinds of ground systems
- Zoning and restrictive covenants

COVERS A WIDE VARIETY OF ANTENNAS:

- Dipoles and inverted-Vs
- Quads, delta, and NVIS loops

- Wire arrays (bobtail curtain, half-square, rhombic)
- Verticals and shunt-fed towers
- Rotatable Yagi beams
- MF/HF receiving antennas (flag, pennant, K9AY, Beverage)
- Mobile and portable antennas
- VHF/UHF/microwave antennas
- And many more

GO TO WWW.MHPROFESSIONAL.COM/CARR5 FOR:

* Tables of worldwide geographic coordinates and antenna dimensions vs. frequency * Supplier updates * Author's blog * Additional photographs and schematics * Links to tutorials and specialized calculators



[Download Practical Antenna Handbook 5/e ...pdf](#)



[Read Online Practical Antenna Handbook 5/e ...pdf](#)

Practical Antenna Handbook 5/e

By Joseph Carr, George Hippisley

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley

THE DEFINITIVE ANTENNA REFERENCE--FULLY REVISED AND EXPANDED!

Design and build your own antennas with the help of this unique guide. Updated and revised to provide clear answers to questions frequently asked by hobbyists and electronics technicians, *Practical Antenna Handbook*, Fifth Edition blends theoretical concepts with hands-on experience--requiring only high school mathematics

Reorganized to flow logically from broad physical principles to specific antenna design and construction techniques, the book begins by covering the fundamentals. Then the half-wave dipole is discussed both as an excellent antenna in its own right and as a conceptual tool for predicting the performance of other designs. Transmission line impedance matching techniques--and a companion Smith chart tutorial--lead into "must have" accessories for tuning, monitoring, and troubleshooting antenna system performance. Other tools, such as antenna modeling software and network analyzer add-ons for PCs and Macs, are addressed, and concluding chapters offer fresh insights into support structures and installation techniques.

NEW TOPICS COVERED INCLUDE:

- Characteristics of all-driven and parasitic arrays
- Beverages and small MF/HF receiving loops
- Top-loaded shunt-fed towers and other verticals
- Theory and design of Yagi beams
- Effect of real ground on propagation and antenna patterns, impedance, and efficiency
- Lightning protection and four kinds of ground systems
- Zoning and restrictive covenants

COVERS A WIDE VARIETY OF ANTENNAS:

- Dipoles and inverted-Vs
- Quads, delta, and NVIS loops
- Wire arrays (bobtail curtain, half-square, rhombic)
- Verticals and shunt-fed towers
- Rotatable Yagi beams
- MF/HF receiving antennas (flag, pennant, K9AY, Beverage)
- Mobile and portable antennas
- VHF/UHF/microwave antennas
- And many more

GO TO WWW.MHPROFESSIONAL.COM/CARR5 FOR:

* Tables of worldwide geographic coordinates and antenna dimensions vs. frequency * Supplier updates * Author's blog * Additional photographs and schematics * Links to tutorials and specialized calculators

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley Bibliography

- Sales Rank: #118095 in Books
- Published on: 2011-11-15
- Released on: 2011-10-25
- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x 1.05" w x 7.40" l, 2.35 pounds
- Binding: Paperback
- 784 pages

 [Download Practical Antenna Handbook 5/e ...pdf](#)

 [Read Online Practical Antenna Handbook 5/e ...pdf](#)

Download and Read Free Online Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley

Editorial Review

About the Author

Joseph Carr was a military electronics technician and the author of several popular electronics books, including McGraw-Hill's *Secrets of RF Design*, Third Edition and *Old Time Radios! Restoration and Repair*. He wrote a monthly column for *Nuts & Volts* magazine.

George W. (Bud) Hippisley, W2RU, earned his BSEE degree from MIT, and was formerly chief operating officer for a major supplier of electronics to the cable TV industry. A long-time active amateur radio operator who has won or ranked nationally in many competitive on-the-air operating events, he has given talks on the basics of antennas and ionospheric propagation to radio clubs and other groups for more than 35 years.

Users Review

From reader reviews:

Kerry Diaz:

Nowadays reading books become more and more than want or need but also turn into a life style. This reading routine give you lot of advantages. Associate programs you got of course the knowledge even the information inside the book which improve your knowledge and information. The details you get based on what kind of guide you read, if you want attract knowledge just go with education and learning books but if you want truly feel happy read one having theme for entertaining like comic or novel. Often the Practical Antenna Handbook 5/e is kind of e-book which is giving the reader unstable experience.

Clayton Bruce:

Reading a guide tends to be new life style in this particular era globalization. With looking at you can get a lot of information that could give you benefit in your life. Along with book everyone in this world can share their idea. Ebooks can also inspire a lot of people. A lot of author can inspire their particular reader with their story as well as their experience. Not only situation that share in the guides. But also they write about the knowledge about something that you need example of this. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors on earth always try to improve their talent in writing, they also doing some study before they write for their book. One of them is this Practical Antenna Handbook 5/e.

Kimberly Dyer:

Playing with family in a park, coming to see the ocean world or hanging out with close friends is thing that usually you might have done when you have spare time, after that why you don't try issue that really opposite from that. One particular activity that make you not feeling tired but still relaxing, trilling like on roller coaster you have been ride on and with addition details. Even you love Practical Antenna Handbook 5/e, it is

possible to enjoy both. It is fine combination right, you still desire to miss it? What kind of hangout type is it? Oh occur its mind hangout men. What? Still don't get it, oh come on its called reading friends.

Linda Soto:

That book can make you to feel relax. That book Practical Antenna Handbook 5/e was colourful and of course has pictures on the website. As we know that book Practical Antenna Handbook 5/e has many kinds or type. Start from kids until youngsters. For example Naruto or Private investigator Conan you can read and feel that you are the character on there. Therefore not at all of book tend to be make you bored, any it can make you feel happy, fun and unwind. Try to choose the best book in your case and try to like reading that.

Download and Read Online Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley #F9Z4VGN5KXL

Read Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley for online ebook

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley 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 Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley books to read online.

Online Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley ebook PDF download

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley Doc

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley MobiPocket

Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley EPub

F9Z4VGN5KXL: Practical Antenna Handbook 5/e By Joseph Carr, George Hippisley