

2m 70cm Dual Band High Performance Gain Base Station Antenna

New 3d edition -- If it's about ham radio, it's in the Almanac. -- Updated annually, with new tables, facts and figures. -- For all amateur and professional ham radio enthusiasts. -- Unique publication -- no other book like it on the market. Anyone looking for information about ham radio will find it in the 1996 Amateur Radio Almanac. CQ's sourcebook is filled with over 500 pages of facts, figures and information about world records, space, computers, geographical stats, radio history, regulations, and so much more. Includes ham radio clubs, useful tables, ham radio and the Internet, operating events, antennas and conventions. "In addition mto major baseball, ham radio has been a real paasion to me. The CQ Amateur Radio Almanac is one resource that will always be a prominent part of my ham shack". -- Joe Rudi, NK7U "As a member of the VEC Question Pool committee, with over 1/3 of all amateur exams going through my office, I'm proud to say CQ's published a real winner with their Amateur Radio Almanac. No ham, new or experienced, should be without one". -- Fred Maia, President W5YI Group

This authoritative and well-researched book is the only one that will give all of the most important and reliable information on VHF antenna construction techniques. This unique book offers a superb collection of detailed, easy-to-follow, fully illustrated, and tested designs, covering such types of antennas as: omnidirectional antennas, gain-omni antennas, gain-directed beams, portable antennas, Yagi antennas, stacked arrays, stacked collinears, wideband-omni antennas. Packed with detailed drawings, plans, schematics,

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instructions, material lists, formulas, tips and tricks. Plus, the reader is given an extra chapter on converting the designs for other frequency bands, making it profitable not just for amateurs, but for professionals as well.

"Pass the 50-question Extra Class test; all the exam questions with answer key, for use beginning July 1, 2008 to June 30, 2012; detailed explanations for all questions including FCC rules"--Cover.

This book constitutes the refereed proceedings of the 18th Ada-Europe International Conference on Reliable Software Technologies, Ada-Europe 2013, was held in Berlin, Germany, in June 2013. The 11 full papers presented were carefully reviewed and selected from various submissions. They are organized in topical sections on multi-core and distributed systems; Ada and Spark; dependability; and real-time systems.

The most popular introduction to amateur radio, this guide offers a unique mix of technology, public service, convenience, and fun. All levels of ham radio operators can brush up on their skills and use the book to study for their first license exam with the latest questions pool with answer key.

Provides lists of selling prices of items found on eBay in such categories as antiques, boats, books, cameras, coins, collectibles, dolls, DVDs, real estate, stamps, tickets, and video games.

NEW for NCVEC question pool July 1, 2014 through June 30, 2018! The HamRadioSchool.com Technician License Course book and free multimedia web site provides everything you

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need to become an FCC licensed amateur radio operator! This learning system not only offers the best exam preparation available today, it will help you to really understand ham radio so that you have the competence and the confidence to get on the air quickly! Fully illustrated and logically organized in easy-to-digest sections with a building-block learning approach, all 426 Technician exam pool questions for 2014-2018 are highlighted within a framework of explanation that uses common language, everyday analogies, and simple examples. The balance of depth with simplicity makes real learning about ham radio rewarding and enjoyable! Our free online media includes interactive section quizzes, multimedia learning supplements, interesting web links and more, to reinforce book and exam topics section-by-section and to provide practical "how to" advice on getting started in ham radio. With the book and our fully coordinated, optional iOS quizzing and practice exam mobile device app, you can study and practice questions anywhere, anytime! No matter your education or background, with HamRadioSchool.com you will ace your exam, and you will really get it!

The contents of this book are mostly aimed at the amateur radio beginner and aspiring ones. Therefore, this book provides answers to basic questions like: What is the best HF antenna for my needs and location? What type of stand-alone antenna tuner should I use and which should I avoid? How can I hide my HF antenna from the neighbors and still get acceptable performance from it? What about lightning protection? This book will supply immediately useful answers to the above questions and many more. A properly designed and installed amateur radio HF antenna system can potentially make the humblest ham radio equipment perform like stations worth thousands of dollars. We are confident that the antenna experimenter will find the information given here

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priceless. Furthermore, any ham radio operator, armed with the information this book contains, will become a much better informed buyer of commercially made HF antenna systems and accessories. This special compendium edition is published in response to ham radio operators who wrote to ask that all the basic information, on and related to amateur radio HF antennas, be made available in one book instead of four, arguing that it would be more convenient. The author and publisher agree. Therefore this edition contains the complete four-book series on Amateur Radio HF Antennas published by Claude Jollet, VE2DPE.

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

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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

Your how-to guide to become a ham Ham radio, or amateur radio, is a way to talk with people around the world in real-time, or to send email without any sort of internet connection. It provides a way to keep in touch with friends and family, whether they are across town or across the country. It is also a very important emergency communication system. When cell phones, landlines, the internet, and other systems are down or overloaded, Amateur Radio still gets the message through. Radio amateurs, often called "hams," enjoy radio technology as a hobby, but are often called upon to provide vital service when regular communications systems fail. Ham Radio For Dummies is your guide to everything there is to know about ham radio. Plus, this updated edition provides new and additional information on digital mode operating, as well as use of amateur radio in student science and new operating events. • Set up your radio station • Design your ham shack • Provide support in emergencies and communicate with other hams • Study for the licensing exam and choose your call sign If you're looking to join a college

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radio club or just want to learn the latest tips and tricks, this book is a helpful reference guide to beginners, or those who have been "hams" for years.

Introduction to Digital Mobile Radio (DMR) for Amateur Radio operators. Describes the basics of the DMR technology, how radio amateurs are implementing world-wide networks, selection of user radios, and basic operation for the beginner or someone deciding to purchase DMR equipment to use in amateur radio.

In order to reflect the increasing importance and interest of the microsattellites in high technology and scientific applications in space, the Colloquium on Microsatellites as Research Tools was organized to promote its usage and technology development and to foster the international cooperation, especially in the area of the Asia pacific region. Attended by 150 participants from 18 countries the colloquium was organized into five major themes: regional development, lessons learned, innovations, scientific applications, and education. A special session was organized as well by the organizing committee and supported by the National Space Program Office to present its development of the Taiwan's satellite program and the current status of ROCSAT-1 which is scheduled to be launched at the beginning of 1999. Two main conclusions were drawn from the material presented: microsatellite in general is a very good means for doing space research and technology development, and a suitable vehicle to promote international collaborations.

Assembling a VHF/UHF amateur radio station -- VHF/UHF propagation -- Operating techniques -- Transmitters, power amplifiers & EMC -- Antennas -- Designs for VHF and UHF transverters -- Power supplies -- Station control -- Test equipment, etc.

For tests after July 1, 2018. Here's the "Easy Way" to get

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your Technician Class amateur radio license. The book is new so check the reviews for the previous edition. The test is multiple choice and the other study guides take you through the pool of 424 questions including all four possible answers for each question. But three out of the four answers are **WRONG!** You are studying 1,272 wrong answers and that is both confusing and frustrating. The Easy Way focuses only on the right answers with hints, cheats and explanations to help you pass. It is all Ham and no Spam. The first part is a narrative of the author's ham radio experience. Every question and answer is woven into the story and identified in bold print. The second part is a 40-page Quick Summary condensing every question and correct answer for easy recall. Which would you rather study: right answers or over 200 pages with three quarters of the answers wrong? Instructors: This book is perfect for review or weekend courses. Have the students read the narrative before class, then go over the concepts with them rather than slogging through all those wrong answers. You'll be done in no time and the students will be fully prepared to take their tests.

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