

73 Book Review

by Steven K. Roberts N4RVE

Heil Ham Radio Handbook

A rich source of clever ideas.

Heil Ham Radio Handbook
 by Bob Heil K9EID
 Melco Publishing
 PO Box 26
 Marissa IL 62257
 Price, \$10 plus \$1 S/H

A commonly lamented trend among hams these days is the tendency toward appliance operation and a poor understanding of the underlying technology. I've heard people arguing over the air about what time it is in UTC, asking how to read resistor color codes, and wondering why an antenna doesn't seem to work even though the SWR is low.

But there are, and always will be, a hard-core cadre of technoid, creative, tinkering hams—those whose shacks are overflowing with home-brew projects, who wouldn't even consider buying a dipole antenna kit, and whose fingers know the burn of a hot soldering iron at midnight when success is so close that thoughts of bed are absurd.

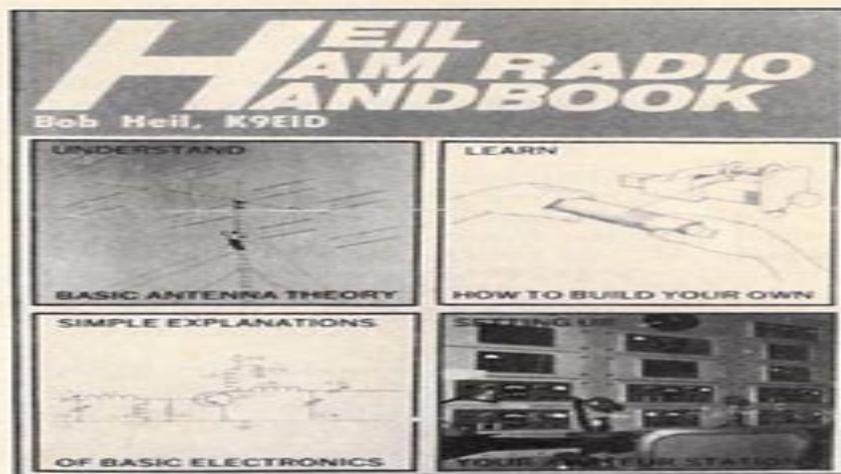
New Ideas

K9EID is one of these. You may know Bob as the brains behind Heil Sound, a source of excellent audio gear for hams and professional recording artists, 10 meter FM conversion kits, and various other devices.

Bob's book, *Heil Ham Radio Handbook*, is not quite what its name implies. It's not a carefully organized reference book like the annual ARRL tome. But it's one of the richest resources of clever ideas I've seen in a long time, 165 loosely organized pages that cover subjects ranging from rampant liddism to remote base design. The chapters on antennas are especially useful, presenting all sorts of interesting variations that never quite make it into the mainstream reference books.

Easy Reading

Throughout, Heil espouses one of the basic tenets of amateur radio: roll your own! He shows how simple it is to throw together logic probes, tuners, yagis, filters, chassis, and so on, topping it all off with a chapter of 37 quickie circuit designs



that apply to various aspects of hamming.

The book's informal, practical approach is anything but polished. Indeed, it's rife with misspellings and other editorial glitches, but somehow that makes you want to put on some old clothes and go build something. This is one of those books that will end up looking creased and dirty, its pages folded and scribbled from marathon project sessions. As it should be.

Nothing Else Quite Like It

There's no pleasure in ham radio quite like building something from scratch and putting it to use. *The Heil Ham Radio Handbook* is a good demystifying beginner's guide as well as a handy reference to design ideas that workbench veterans may never have considered.

Either way, it's a worthwhile addition to your shack library...especially if you like fast, uncluttered answers to your electronic questions. **73**

The Ham Radio Handbook

Radio Society of Great Britain



The Ham Radio Handbook:

The Ham Radio Handbook Donald L. Stoner, 1991-06 [Ham Radio For Dummies](#) H. Ward Silver, 2021-03-22 Respond to the call of ham radio Despite its old school reputation amateur radio is on the rise and the airwaves are busier than ever That s no surprise being a ham is a lot of fun providing an independent way to keep in touch with friends family and new acquaintances around the world and even beyond with its ability to connect with the International Space Station Hams are also good in a crisis keeping communications alive and crackling during extreme weather events and loss of communications until regular systems like cell phones and the internet are restored Additionally it s enjoyable for good old fashioned tech geek reasons fiddling with circuits and bouncing signals off the ionosphere just happens to give a lot of us a buzz If one or more of these benefits is of interest to you then good news the new edition of Ham Radio For Dummies covers them all In his signature friendly style longtime ham Ward Silver Call Sign N AX contributing editor with the American Radio Relay League patches you in on everything from getting the right equipment and building your station it doesn t have to be expensive to the intricacies of Morse code and Ohm s law In addition he coaches you on how to prepare for the FCC mandated licensing exam and tunes you up for ultimate glory in the ham radio hall of fame as a Radiosport competitor With this book you ll learn to Set up and organize your station Communicate with people around the world Prep for and pass the FCC exam Tune into the latest tech such as digital mode operating Whether you re looking to join a public service club or want the latest tips on the cutting edge of ham technology this is the perfect reference for newbies and experts alike and will keep you happily hamming it up for years

Ham Radio Handbook John McDonalds, 2018-10-21 This concise yet comprehensive manual has provided all you need to know about the ham radio even as an absolute beginner It contains practical step by step guide on how you can become an expert

[Ham radio handbook](#) Robert Edward Hertzberg, 1959 *HEIL Ham Radio Handbook* Bob Heil, 2013 *Ham Radio Handbook* Nathan Venture, D, 2024-05-28 Embark on a Radio Adventure Dive into the World of Baofeng Imagine stepping into a world where the airwaves open up a galaxy of communication possibilities connecting you with voices from across the globe The Ham Radio Handbook Baofeng Basics for Beginners is your all inclusive pass to this extraordinary universe Crafted for novices this guidebook demystifies the intricate maze of amateur radio setting you on a path of discovery and connection Commence this journey with an enlightening stroll through the history and evolution of ham radio understanding its pivotal role in modern communication This foundational knowledge empowers you to appreciate not just the how but the why behind the ham radio phenomenon The excitement builds as you edge closer to attaining your very own ticket to the airwaves Our chapter on Getting Licensed is packed with effective study tips for the ham radio exam and an easy to understand breakdown of the different license classes Wave goodbye to confusion as we guide you step by step on how to tackle your exam with confidence Enter the heart of amateur radio with our dedicated section on Baofeng radios Why Baofeng you ask Our book reveals why these affordable yet robust devices are the perfect starting point for budding

enthusiasts From model comparisons to initial setup and programming we've covered everything you need to jumpstart your Baofeng journey But what's a radio without its antenna Venture into our chapters on Antennas Equipment and Operating Procedures to elevate your signal from local chatter to international broadcasts Discover the joy of making your first contacts participating in contests and even venturing into digital modes and satellite communications As you advance learn the ropes of maintenance troubleshooting and joining the vibrant ham radio community With our handbook you're not just buying a book you're unlocking a door to lifelong learning and endless adventure Whether it's for emergency preparedness community service or simply the thrill of exploration the Ham Radio Handbook Baofeng Basics for Beginners is your companion for this captivating journey Let the airwaves carry your voice to the farthest corners of the world Start your adventure today

The HAM Operator's Handbook SREEKUMAR V T,2025-02-14 Unlock the secrets of amateur radio with The HAM Operator's Handbook a comprehensive guide that takes you on a journey from the basics of radio communication to the cutting edge of HAM technology Whether you're a novice seeking to obtain your first license or a seasoned operator looking to deepen your mastery this handbook is your essential companion in the world of amateur radio With a focus on practicality this handbook combines foundational knowledge with hands-on tips and real-world insights Each chapter is crafted to empower HAM operators with the skills they need to navigate the airwaves confidently and contribute to the vibrant community of radio enthusiasts

Key Features

- Licensing Essentials Step-by-step guidance on obtaining and upgrading your amateur radio license Insights into the regulatory landscape and compliance with FCC requirements
- Equipment Mastery In-depth exploration of transceivers antennas and accessories Practical tips on setting up and optimizing your radio station for optimal performance
- Digital Modes Demystified A comprehensive overview of digital communication modes Hands-on guidance for exploring digital technologies and integrating them into your operations
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- Community and Clubs An exploration of the importance of community in amateur radio Guidance on finding and actively participating in HAM radio clubs for networking and collaboration
- Future Trends in HAM Radio A forward-looking perspective on emerging technologies and innovations in amateur radio Strategies for staying informed adapting to change and actively shaping the future of the hobby

The HAM Operator's Handbook is not just a guide it's a companion for radio enthusiasts at every stage of their journey Whether you're tuning in for the first time or looking to explore the forefront of radio technology this handbook is your roadmap to a fulfilling and mastery-filled experience in the fascinating world of amateur radio Get ready to embrace the airwaves and embark on a journey of discovery and connection with The HAM Operator's Handbook

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Beginners is your all inclusive pass to this extraordinary universe Crafted for novices this guidebook demystifies the intricate maze of amateur radio setting you on a path of discovery and connection Commence this journey with an enlightening stroll through the history and evolution of ham radio understanding its pivotal role in modern communication This foundational knowledge empowers you to appreciate not just the how but the why behind the ham radio phenomenon The excitement builds as you edge closer to attaining your very own ticket to the airwaves Our chapter on Getting Licensed is packed with effective study tips for the ham radio exam and an easy to understand breakdown of the different license classes Wave goodbye to confusion as we guide you step by step on how to tackle your exam with confidence Enter the heart of amateur radio with our dedicated section on Baofeng radios Why Baofeng you ask Our book reveals why these affordable yet robust devices are the perfect starting point for budding enthusiasts From model comparisons to initial setup and programming we ve covered everything you need to jumpstart your Baofeng journey But what s a radio without its antenna Venture into our chapters on Antennas Equipment and Operating Procedures to elevate your signal from local chatter to international broadcasts Discover the joy of making your first contacts participating in contests and even venturing into digital modes and satellite communications As you advance learn the ropes of maintenance troubleshooting and joining the vibrant ham radio community With our handbook you re not just buying a book you re unlocking a door to lifelong learning and endless adventure Whether it s for emergency preparedness community service or simply the thrill of exploration the Ham Radio Handbook Baofeng Basics for Beginners is your companion for this captivating journey Let the airwaves carry your voice to the farthest corners of the world Start your adventure today

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