

Technical Excellence.

The ARRL Handbook for Radio Communications is a valued reference for radio electronics and wireless communications. Since 1926, it has kept radio amateurs, professionals, and experimenters immersed in applied theory and do-it-yourself projects. *The ARRL Handbook* covers a wealth of information: the fundamentals of electronics and radio signals, construction practices, antennas and propagation, equipment and circuit design, and other useful reference information.

This 93rd edition of *The Handbook* continues to keep pace with the fast-moving technology employed around the world. Each chapter is full of practical hands-on information to expand your knowledge as an Amateur Radio operator and experimenter. There are projects for all skill levels, from simple accessories and small power supplies, to legal-limit amplifiers and high-gain antennas.

Always Updated! Here's a look at new projects and expanded content included in the latest edition:

New Projects and Information

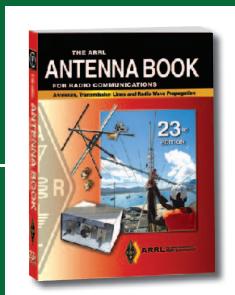
- Beacon transmitters for VHF/UHF
- A comprehensive new RF connector identification chart
- Breaking entirely new ground, a CD-ROM article on lightwave transmitting and receiving
- An up-to-the-minute treatment of fractional-n frequency synthesizers
- A high-altitude APRS tracker and SDR Knob Box
- ARRL Lab Test Procedures Manual

CD-ROM Inside—Includes all of the fully searchable text and illustrations in the printed book, as well as expanded supplemental content, software, PC board templates, and other support files.

System Requirements: Windows® 7, 8, or 10, Windows Vista® or Windows® XP, as well as Macintosh® systems, using Adobe® Acrobat® Reader® software. The Acrobat Reader is a free download at www.adobe.com. PDF files are Linux readable.

Companion Book Available:

The ARRL Antenna Book for Radio Communications (sold separately)



About the Amateur Radio Service

Amateur (Ham) Radio provides the broadest and most powerful wireless communications capability available to any private citizen anywhere in the world. The principles of this federally licensed radio service include public service, radio experimentation, training, and international goodwill. ARRL is the national membership association for Amateur Radio operators. ARRL has books, software, online courses, and other resources for licensing, operating, and education.



ARRL The national association for
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