

Introduction to the 22nd Edition of the *ARRL Antenna Book CD*

This version of the *ARRL Antenna Book CD-ROM* contains the complete text, drawings and photos of the printed 22nd Edition of the *ARRL Antenna Book*. In addition, it contains supplemental files that contain additional information such as expanded treatment of some subjects, printed-circuit board layout drawings and parts lists. Also included is companion Windows/Dos software.



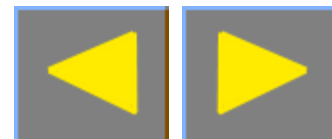
Using this CD-ROM

The latest version of the software at the time of publication (both Windows and Macintosh versions) is included on the CD-ROM for separate installation if required.

The book and the companion files, such as the templates, include hyperlinks. Clicking on the text of a hyperlink will cause Reader to display another, related part of the book. (See the *Reader* Help documentation for information on configuring this feature.)

The version of *Reader* used with this CD-ROM includes Acrobat Search capability, which allows rapid full-text search of the entire book. This functions as an instant index for every chapter and word in the book. We strongly recommend that you take a few minutes to view the on-line documentation available from *Acrobat Reader's* Help menu.

Note: Adobe Reader is included on the CD-ROM, if you wish to install the latest version.

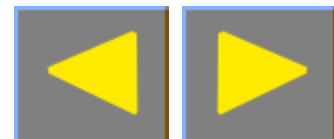


Full-Text Searching

The on-screen icons, or buttons, in the *Reader* tool bar associated with full-text search are located at roughly the center of the tool bar. As an example, let's use this very powerful facility to find all instances of the word "resistance" throughout the book.

Click on **the Full-Text Search** icon. In the "where would you like to search" field, be sure "in the index "The ARRL Antenna Book" is selected. Now, type in the word "resistance" and then either press the **ENTER** key or click on the **Search** button. The program will search for a while for all instances of the word "resistance" and will present you with a list box showing all the chapters that contain the word. Select Chapter 2 by double clicking on it. The first occurrence of resistance will be highlighted.

Now, click the Search icon again, or click New Search from within the Search Results. At the bottom of the Search screen, click **Use Advanced Search Options**. Check the **Stemming** checkbox and redo the search. Again, select Chapter 2. Note that the program has highlighted not only the occurrences of "resistance," but also the occurrences of "resistivity" and "resistive." This is because **Stemming** was selected for the search, and variations on the root "resist have been found. Again, if you wish



to limit the search to exact matches for “resistance,” uncheck the stemming checkbox and redo your search.

Other than not allowing word stemming, another way to limit a search is to specify more than one word. For example, if you specify “series resistance” for the full-text search, the number of occurrences will be much smaller than for just “resistance” alone.

The full-text search capability gives you a very powerful tool for finding all sorts of information on the CD-ROM—much more powerful in fact than an Index at the back of a paper book. Enjoy!



