

Introduction to the *2001 ARRL Periodicals CD*

This *2001 ARRL Periodicals CD* contains every page of every 2001 issue of *QST*, *QEX* and *NCJ* (*National Contest Journal*) magazines. In addition, it includes folders that contain additional information such as printed-circuit board layout drawings, parts lists, and source-code for some software projects.

In this introduction you will find tips on how to use this CD-ROM and listings of additional included files: **Expanded Lab Test Reports** of items reviewed in *QST* Product Review, software and circuit-board files **from *QST***, and software and circuit-board files **from *QEX***.

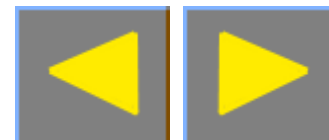


Using this CD-ROM

This CD-ROM is viewed using Adobe's *Acrobat Reader* software, version 4.0. The software (both Windows and Macintosh versions) is included on the CD-ROM, and installation instructions are available in the booklet enclosed in the CD-ROM case.




The book and the companion files include hyperlinks. These links will appear in blue or green text. Clicking on the text of a hyperlink will cause *Acrobat Reader* to display another, related part of the book or, in some cases, will launch your Web browser to view a page on the World Wide Web. (See the *Acrobat Reader* Help documentation for information on configuring this feature.) In general, we have tried to provide a hyperlink to any referenced material that is on a different page from the one containing the reference.

The version of *Acrobat 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.

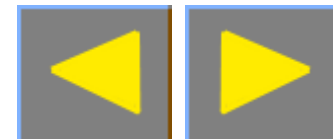


Full-Text Searching




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

Click on the **Full-Text Search** icon . (Note that this is different from the nearby **Find** icon ). Under **Options**, make sure that the **Word Stemming** checkbox is unchecked. Now, type in the word "rover" 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 "rover" and will present you with a list box showing all issues that contain this word. Select **January 2001 QST** by double clicking on it. The first occurrences of "rover" (on page 106) will be highlighted. Click the search **Next** icon  to show the next occurrence of "rover," on page 107.

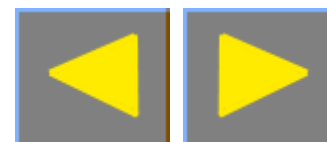
You can adjust the way that found text items are highlighted using the **File|Preferences|Search** menu item.



Now, click back on the Full-Text Search Continue icon, check the **Word Stemming** checkbox and redo the search. Again, select **January 2001 QST**. Note that the program has highlighted not only the occurrences of "rover," but also the occurrences of "rovers." This is because **Word Stemming** was selected for the search, and variations on the root "rover" have been found. Again, if you wish to limit the search to exact matches for "rover," uncheck the word-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 "rover champion" for the full-text search, the number of occurrences will be much smaller than for just "rover" alone. You can use the Search Results icon  to choose another issue for viewing, and the Next and Previous search buttons   to navigate through the found items. The **Search** submenu on the **Tools** menu has additional search commands.

The full-text search capability gives you a very powerful tool for finding all sorts of information on the CD-ROM!



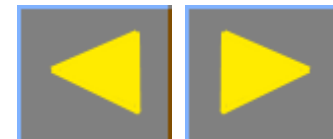
QST Product Review Expanded Lab Reports

Product

Yaesu FT-817
Kenwood TS-2000

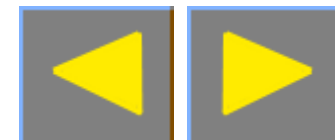
QST Issue

April
July



QST Files

Month	Folder	Article and Description
January	SerSV0101	<i>Simulating Circuits and Systems with Serenade SV</i> , by David Newkirk, W9VES, p 37. Files containing the Serenade SV circuits that are described in the article.
February	ULBPIC	<i>The World's Smallest Code-Practice Oscillator</i> , by Sam Ulbing, N4UAU, p 39. A JPG image of the circuit board shown in Figure 6 with parts-placement outlines superimposed.
March	TRFRFI	<i>A Simple TRF Receiver for Tracking RFI</i> , by Rick Littlefield, K1BQT, p 32. JPG images of the front panel artwork and a circuit board parts placement diagram.
April	SQUIRT	<i>The NJQRP Squirt</i> , by Joe Everhart, N2CX, p 40. Full-size templates, in PDF, for fabricating the PC-board components used in a reduced-size 80-meter antenna.
June	spot_grabber	<i>The Spot Grabber</i> , by Paulo Jorge, CT1EFL, p 28. The operating software, source code and cabinet-drilling template for a self-contained packet DX spot display unit.
August	PSK31 Audio Beacon	<i>PSK31 Audio Beacon</i> , by George Heron, N2APB, p 28. Source code for programming the Scenix SX28 microcontroller used in this single-chip PSK31 encoder.
October	layouts	<i>Uncle Albert's Touchpad Keyer</i> , by Sam Ulbing, N4UAU, p 32. PC-board artwork and parts-placement diagrams for an SMD-based keyer and touch paddles.
	Schematic	<i>More on Schematic Drawing Software</i> (H&K), by Tom Hammond, N0SS. Symbols for creating schematics in CorelDraw.
November	Ve7ca-1	<i>A Portable 2-Element Triband Yagi</i> , by Markus Hansen, VE7CA, p 35. EZNEC modeling files for 2-element wire triband Yagi.
December	01TC12	<i>Some Javascript to Foil Spammers!</i> , by Phil Karras, KE3FL, p 69. Script to prevent "spammers" from pulling e-mail addresses from your Web page.
	Kenwood D700	<i>A PC Keyboard Interface for the Kenwood D700</i> , by John Hansen, W2FS, p 42. A hex file image for programming the project's PIC microcontroller.



QEX Files

Issue	Folder	Article and Description
January/February	pic_das	<i>Tech Notes, Build a Data Acquisition System for your Computer.</i> Files and support for PC based data-acquisition system.
March/April	ATR2000	<i>The ATR-2000: A Homemade, High-Performance, HF Transceiver, Part 3.</i> PIC source files for an HF transceiver project.
	OCDFEZ	<i>RF, Making Off-Center Fed Dipoles Work.</i> EZNEC descriptions of off-center-fed dipole.
	PTCwave	<i>PTC: Perceptual Transform Coding for Bandwidth Reduction of Speech in the Analog Domain, Part 2.</i> Audio samples of normal and PTC-encoded voice.
July/August	Travanty	<i>Tower and Antenna Wind Loading as a Function of Height.</i> Excel workbook to analyze antenna/tower wind loading.
September/October	Murphy0901	<i>The Q of Single-Layer, Air-Core Coils: A Mathematical Analysis.</i> GWBasic files supporting article about coil Q.
	Barker0901	<i>A Spreadsheet for Remote Antenna Impedance Matching.</i> Excel worksheet for remote antenna impedance measurement.
November/December	Zanek1101	<i>A Two-Meter Reflective SP4T PIN-Diode Switch.</i> Datasheet for MA4P1250-1072T.
	Rf1101	<i>RF, A Simple 10-Meter Satellite Turnstile Antenna.</i> EZNEC description file for 10-m turnstile antenna.

