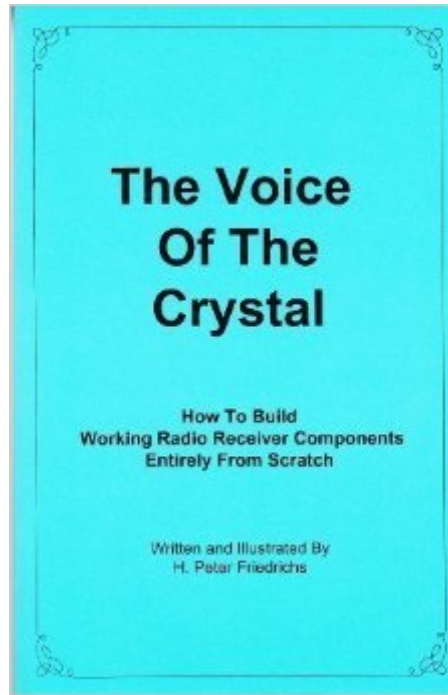


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# The Voice Of The Crystal



## Synopsis

Chapters include the gallows headphone, the tin can headphone, the cigarette lighter headphone, the boom detector, the paper tube condenser, practical variable condensers, the roofing metal condenser, the crank coil, thoughts on simple tuners, thoughts on antennas and grounds, and much more.

## Book Information

Paperback: 185 pages

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Product Dimensions: 8.4 x 5.4 x 0.4 inches

Shipping Weight: 11.2 ounces

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (15 customer reviews)

Best Sellers Rank: #622,259 in Books (See Top 100 in Books) #272 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio](#) #121581 in [Books > Textbooks](#)

## Customer Reviews

To many, crystal radio construction means purchasing electronic components to assemble into radios. The best tinkerers build their own! In *The Voice Of The Crystal*, author Friedrichs takes a step back in time to reveal the secrets of constructing all the necessary components "from scratch". Inside this volume you'll find 185 pages of practical information on the fabrication of electronic components suitable for use in building crystal radio sets. Basic theory and simple analysis are combined with dozens of examples of historical practice, work by contemporary experimenters, and construction details for many instruments fabricated by the author himself. Inside are discussions and plans for three different homemade headphones, (including one fabricated from cigarette lighter parts,) detectors, fixed capacitors, a rotary variable condenser, single layer, spider web and basket coils, and a precision double-slider coil. Throughout, the author shares his thinking and practical experience in the construction of these devices. *The Voice Of The Crystal* is profusely illustrated, containing well over 120 photos and hand-prepared illustrations.

An amazing book! A real gem to own for anyone interested in understanding or building a radio from

scraps. This simple little book is filled with illustrations and text that is worth more than 100 radio books put together. I bow to the author.

... but don't buy it here. Who do these used booksellers think they are? It retails for only \$14.95 at the Xtal Set Society, and is still in print.

If you are interested in crystal radio or even just amateur radio in general I would suggest it. Also, I strongly suggest getting the companion book "Instruments of Amplification" by Friedrichs.

Great little book. Friedrichs is an inspiring experimenter and very good at explaining concepts. He helps you build components from junk and inspires to go beyond his examples. I posted the table of contents in photos.

Others have said it as well as I can about how valuable and unique this book is. The price of the currently available copies here from Amaz. Partner sellers are ludicrous though (\$68!?! used?! \$140+ new???) when the title is still IN PRINT and available from the publisher direct ([www\\_lindsaybks\\_com](http://www_lindsaybks_com)) for less than 15% of that nutso number. Check out Instruments of Amplification, which is a sort of sequel, where this book treats the crystal receiver, I of A (also a Lindsay Books title) shows you how to make your own vacuum tubes!! How cool is that! I love radio that you can also WATCH! Yay, glowbugs! Hey , you ought to stock more Lindsay titles more regularly, they are great and cheap (and even cheaper at the prices you'd be able to get).

Great book.If you want to build a crystal radio from stuff you'd find in a garbage can, this book will show you how.A radio receiver which requires no batteries or power still amazes me.A fun DIY challenge.

This is a great book well thought out and easy to understand.This is a very hard book to get so if you can get one makes a great gift for someone who is creative minded.I would recomend to others.

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