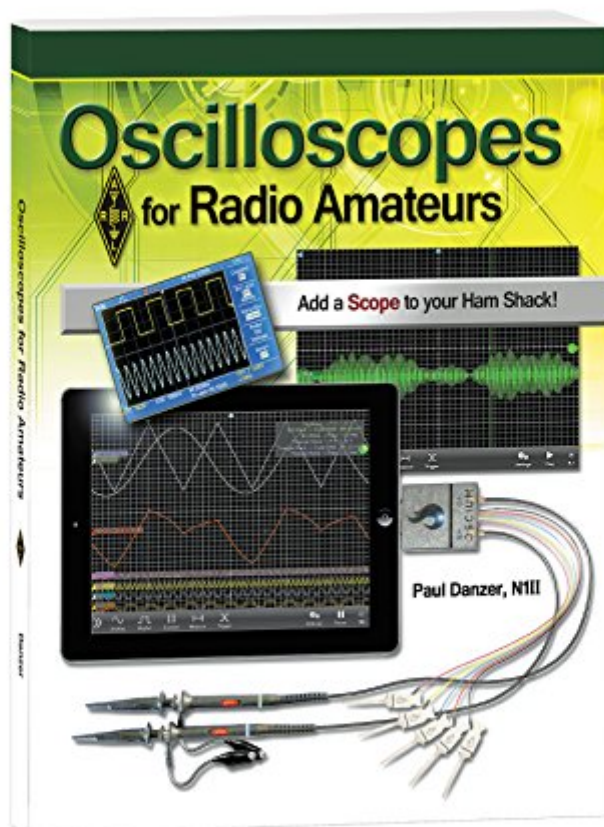


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# Oscilloscopes For Radio Amateurs



## Synopsis

Add a Scope to Your Ham Shack Oscilloscopes are a useful tool in the world of electronics, allowing radio amateurs to see the signals inside their equipment. With personal computers and today's technologies, a variety of analog, digital or hybrid scopes are available to hams for solving problems and testing new ideas in home workshops. Oscilloscopes for Radio Amateurs is filled with practical information you'll need for using a scope. It begins with an overview of the oscilloscope and continues on to discuss characteristics, applications, probes, controls, and input modes. If you're considering adding this piece of test equipment to your ham shack, there is an explanation of scope specifications and features to help you select an oscilloscope that is right for you. Includes: Why Get an Oscilloscope? A Little History Every Scope Has These Elements Probes and Accessories Scope Sections in Detail Input Modes Let's Put a Scope to Work If You Are Going to Buy One " Specifications Software Oscilloscopes " Capable and Free Reviews of Several Current Models About ARRL: Founded in 1914 by Hiram Percy Maxim, ARRL (American Radio Relay League) is the national association for Amateur Radio in the US. Today, with more than 161,000 members, ARRL is the largest organization of radio amateurs in the world. ARRL's mission is based on five pillars: Public Service, Advocacy, Education, Technology, and Membership.

## Book Information

File Size: 17629 KB

Print Length: 128 pages

Simultaneous Device Usage: Unlimited

Publisher: ARRL, the national association for Amateur Radio; First edition (April 14, 2015)

Publication Date: April 14, 2015

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00W5XV7B6

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #121,201 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #3 in Kindle Store > Kindle eBooks > Nonfiction > Science > Experiments, Instruments & Measurement >

Scientific Instruments #14 in Books > Science & Math > Experiments, Instruments & Measurement > Scientific Instruments #49 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

## Customer Reviews

Definitely for beginners, maybe. Unfortunately, the author does a disservice to the radio amateur by concentrating mainly on digital oscilloscopes which, realistically, unless you can afford a very, very good one with an extremely high sampling rate, are next to useless for working on and aligning RF circuits. The computer usb 'scopes he touts, while fun to play with, are not suited at all for the radio amateur. But, maybe I'm speaking of the radio amateur of the past, who actually repairs his own commercial gear of yesteryear and also builds his own transmitters and receivers. This book never actually shows you what you can DO with an oscilloscope in the hamshack. A better book for buying a 'scope and using it (and a bunch of other test equipment, too) is "How to Diagnose and Fix Everything Electronic" by Michael Geier. In other words, there are better resources out there (including the internet) than Oscilloscopes for Radio Amateurs. 73 de Rick WQ8Q

Covers the history of oscilloscopes and provides an overview of how analog and digital scopes work. This will help you decide what features to look for if you want to buy a scope. However if you want a book that will explain in detail how to use scopes in ham radio, this may not be for you.

This has a bit of background about scopes in general but close to nothing about what you might do with them in the context of amateur radio.

Being an instrument person I enjoyed the book. My only issue was for me it was at times it was too basic. For others it will work fine with good explanations of the issues with oscilloscopes. A good read.

For me, title was misleading. Maybe "Picking a Scope" in the title was hoping for information on using them in the hobby. I already have my scopes, so it wasn't money well spent by me

Reviews history and basics but not much on practical application for beginner

I expected much more on newer scopes. I would never brought this book if I had a chance to look at

it like in a book store.

If you are interested in Ham Radio or electronics in general but not an electrical engineer this book is for you. I've been an amateur radio operator for about 20 years and most of my electronics is self taught. I picked up an oscilloscope at a Ham Fest and needed to find out how to use it. This book does the trick. In general I've found ARRL publications of good quality, useful and helpful.

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