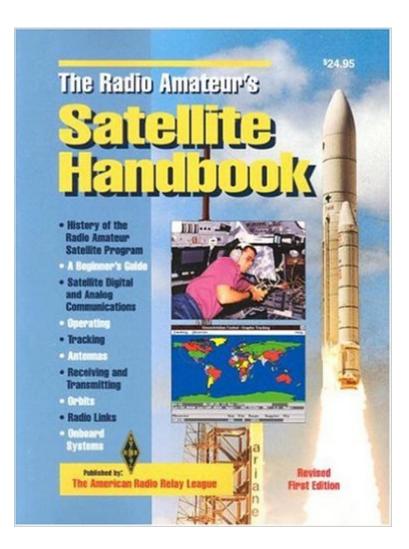
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# The Radio Amateur's Satellite Handbook (Radio Amateur's Library;, Publication No. 232)





## Synopsis

Revised First Edition includes updated satellite profiles. The most comprehensive book ever written about amateur satellites! From setting up a station and choosing the right antenna for the right satellite, to tracking the birds. Regardless of your level of experience with the ham satellites, you'll find what you're looking for in this book: Operating Antennas Software Profiles of all the active satellites Internet Sites FCC Rules governing the Amateur Satellite Service A comprehensive glossaryAnd more!

## **Book Information**

Series: Radio Amateur's Library (Book 232) Paperback: 1 pages Publisher: Amer Radio Relay League; 1st edition (February 1, 1990) Language: English ISBN-10: 0872596583 ISBN-13: 978-0872596580 Product Dimensions: 10.9 x 8.1 x 0.8 inches Shipping Weight: 1.8 pounds Average Customer Review: 4.6 out of 5 stars Â See all reviews (5 customer reviews) Best Sellers Rank: #984,548 in Books (See Top 100 in Books) #28 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Satellite #360 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation #395 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio

## **Customer Reviews**

This book is essential for anyone wanting to work with the Amateur Satellites. It covers the history of various projects, explains the modes of operation, and shows the equipment needed to talk with the birds. Like all the ARRL books, it is easy to follow and clearly written. The only problem I have with the book is that it hasn't been updated since 1997. It doesn't have good information on some of the newer spacecraft. As an example, it talks about the soon to be launched Phase 3D satellite rather than talking about the now orbiting AO-40 (ex Phase 3D) and some of the problems it is having. Still, the technology and techniques are very valid and good for anyone wishing to work with space communications. In case your are thinking this is difficult to start in, I've had success transmitting to and receiving from the International Space Station using just a handheld transceiver (Kenwood TH-D7A) and either an attic mounted or handheld directional antenna. I've also heard voice from

(but not transmitted to) the OSCAR 14 satellite with this same setup. You don't need an equipment setup to rival NASA in order to start with the aspect of the Amateur Radio hobby.

This is a MUST have IF you want to talk thru the birds! I wish I had this book when I got started with Satellite's. A big TIME saver for old Extra's,(like me), or new hams too.

It's really showing its age by now ... but you can simply ignore all of the satellite information: The technical text is always going to be relevant, and the level of detail in this edition has been excised from the newer one (which is also far out of date, at least as far as satellite info goes). I have three references: AMSAT's own Beginner's Guide, this old edition, and its newer replacement. If you are a beginner, start with the AMSAT book (available from Amsat (dot) org). Then add the newer edition of this book, and when you really want to get your hands dirty, add this volume to your shelf. Used copies are cheap enough -- while they last!`

While dated this is the best historic overview of Amateur Radio Satellites and how to get started in an interesting and educational hobby.

#### A must read book!

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