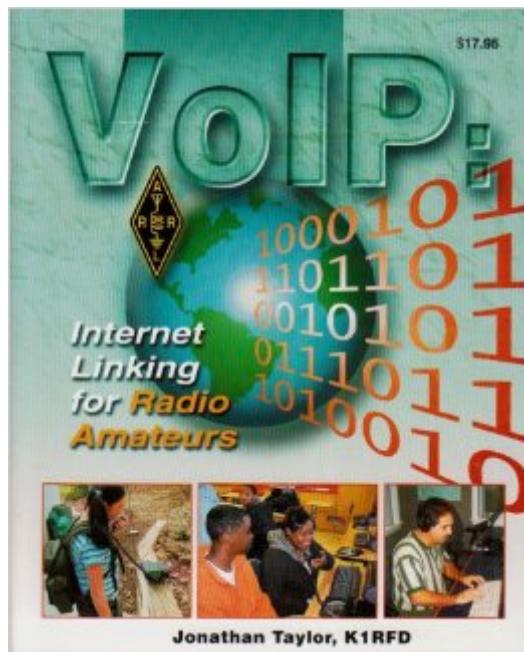


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# Arrl's VoIP: Internet Linking For Radio Amateurs



## **Synopsis**

Growing numbers of hams are using VoIP, or Voice Over Internet Protocol, in combination with their radios for long-distance communication spanning hundreds or thousands of miles. They're using the Internet as the relay between their base stations, handhelds and mobile transceivers. This is a guide to the four primary VoIP systems used by hams: EchoLink, IRLP, eQSO and WIRES-II. The book is designed for beginners who need information on how to set up and use these systems, but it also provides plenty of technical meat for those who want to dig deeper and explore how the systems actually work. Contents: Connecting The World Using A VoIP Link Conference Servers, Reflectors and Nets Other Linking Systems Setting Up Your Own Node Digital Audio and the Internet Under The Hood: EchoLink Under The Hood: IRLP Legal Issues In Linking Web Resources & Glossary

## **Book Information**

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## **Customer Reviews**

In VoIP, author K1RFD does a nice job of explaining the technology behind this unique aspect of the hobby. The book details how the various VoIP applications work and includes information on setting up an RF node. A valuable addition to the ham shack for new and seasoned users of voice over IP applications with amateur radio linking.

An easy to understand description and implementation of VoIP radio linking for both the amateur and veteran. The book covers several products available free from the Internet including one product - Echo Link -- creating by the author. If you are looking to try something new with Internet Linking or just understand how it works, this is the book to have by your side.

I have seen IRLP in action and thought to myself how do I do this? So I searched everywhere and found out that Echolink was the local popular form, but apart from the echolink on-line manual couldn't find much else to help me get an angle on this. This book has been a welcome book to help me understand all about the subject - it really gives all the resources and information needed to get going. But as always it is not only the book that's important - it is taking action that is the exciting part. One of our local radio clubs MDRC just had a really successful meeting with standing room only on echolink and it is going to get bigger. I think this book is a good start so you can learn enough to get into it, get your feet wet and get that experience to write the next "update". Petervk4cbd

I bought this book for a friend of mine who has been interested in IRLP for some time and was not sure how to get started. We had constructed a DTMF unit so he could assign the required codes but something was missing. He could not find any info on the subject so I did some research for him and came across this book. After reading it myself I could see that there was much more to this new type of communication technique. He obviously needed other gear to get him going and this book explains what hardware and software is required. He was very happy to receive the book because now he can see what is required to get him up and running. The book is easy reading and explains what is required in simple terms. I hope it solves his problem.

ARRL's VoIP: Internet Linking for Radio Amateurs is a great introduction to the various Voice over IP (VoIP) technologies used in amateur radio. The book provides a general overview of the various amateur radio VoIP technologies such as Echolink, IRLP, WIRES-II and eQSO. After a brief introduction to these different technologies the rest of the book focuses on Echolink and IRLP. The author covers the common commands used in each system and how to access Echolink and IRLP systems over the air and through the internet. I really enjoyed the technical details the author provided when explaining how Echolink and IRLP worked. The author also provided a decent amount of information regarding how to setup your own IRLP and Echolink node. The biggest complaint I have with the book is the price. I feel its a little high given the size of the book and amount of material covered. Additionally the book only briefly mentions WIRES-II and eQSO. I would have liked to see more information on these systems. Overall I enjoyed the book. If you are interested in learning about Echolink and IRLP this book provides a great introduction. 73, Matt

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