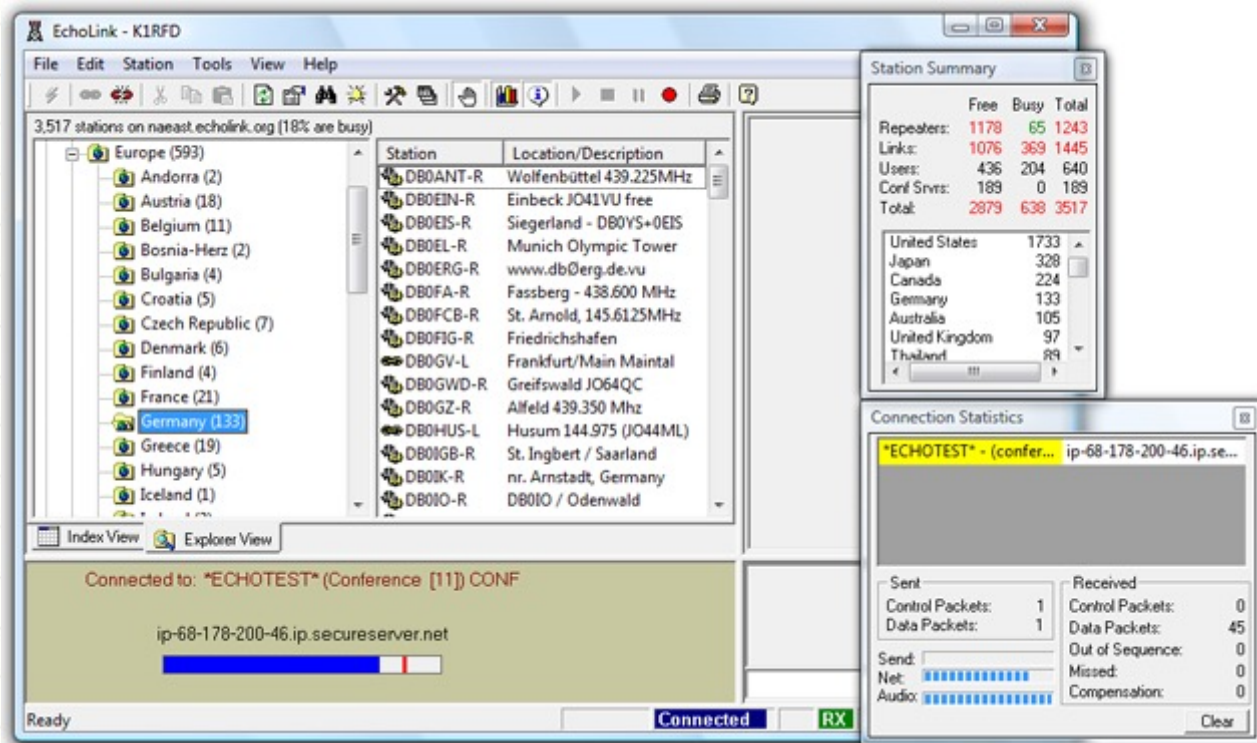


Note: We will be recording all Bootcamp Sessions. Anyone not wishing to be recorded should mute their video or disconnect.



GETTING STARTED WITH ECHO LINK

Nashua Area Radio Society

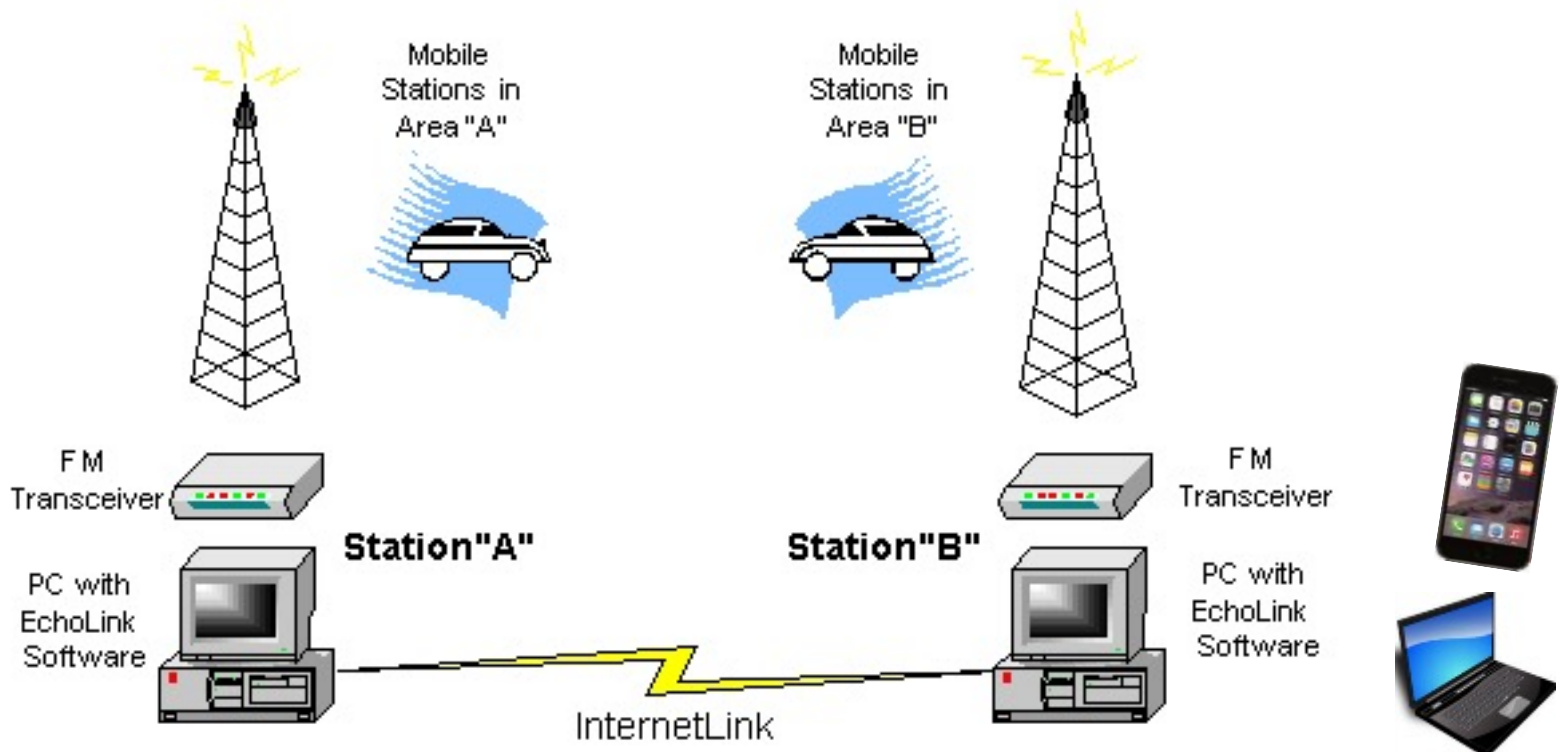
Fall 2021

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EchoLink

Access Repeaters from your PC or Smartphone

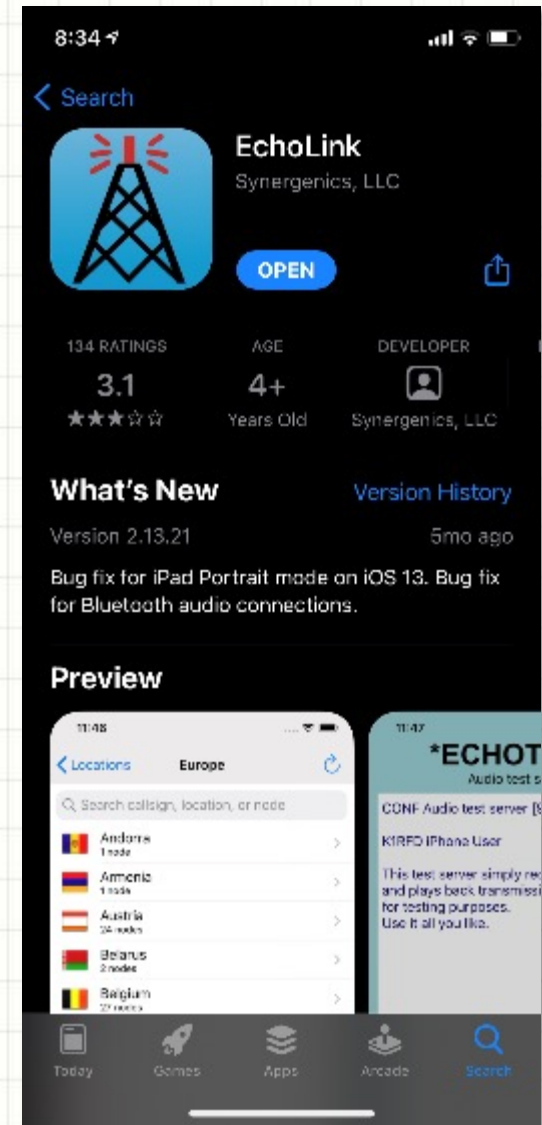
Linking Example



<http://www.echolink.org>

How do I Get Started with Echolink?

- Go to <http://echolink.org> to download and install the software
 - **Echolink** app for Windows / **EchoHam** app on Mac
 - Running the software registers your callsign.
- Validate your callsign – upload a copy of your FCC License –
<http://www.echolink.org/validation>
- Computer needs a network connection and a microphone/speaker
- Smartphone Apps are also available



Validate Your Callsign


One Time Only

EchoLink Validation

Nashua Area

www.echolink.org/validation/

Apps Press This! Press This! Our HAM Station NARS WP Admin Scripts Cloudflare Tasks Analytics Other bookmarks



Validation

EchoLink opens a world of new communications possibilities by joining Amateur Radio stations over the Internet. Since the Internet is a shared, public resource, security is naturally a very important part of the system.

Each new user of EchoLink must provide proof of license before access is granted. This is to ensure that only licensed Amateurs have access to the system, and to ensure that each user is using a valid callsign that he or she is authorized to use.

There are several different ways you can provide proof of license. These options vary somewhat by country. The various options will be explained on the pages that follow.

First, please be sure that you have downloaded, installed, and **run** the EchoLink software. This registers your callsign with the system. Then, please enter your callsign below, and click Continue.

Callsign:

Other Validation Tasks

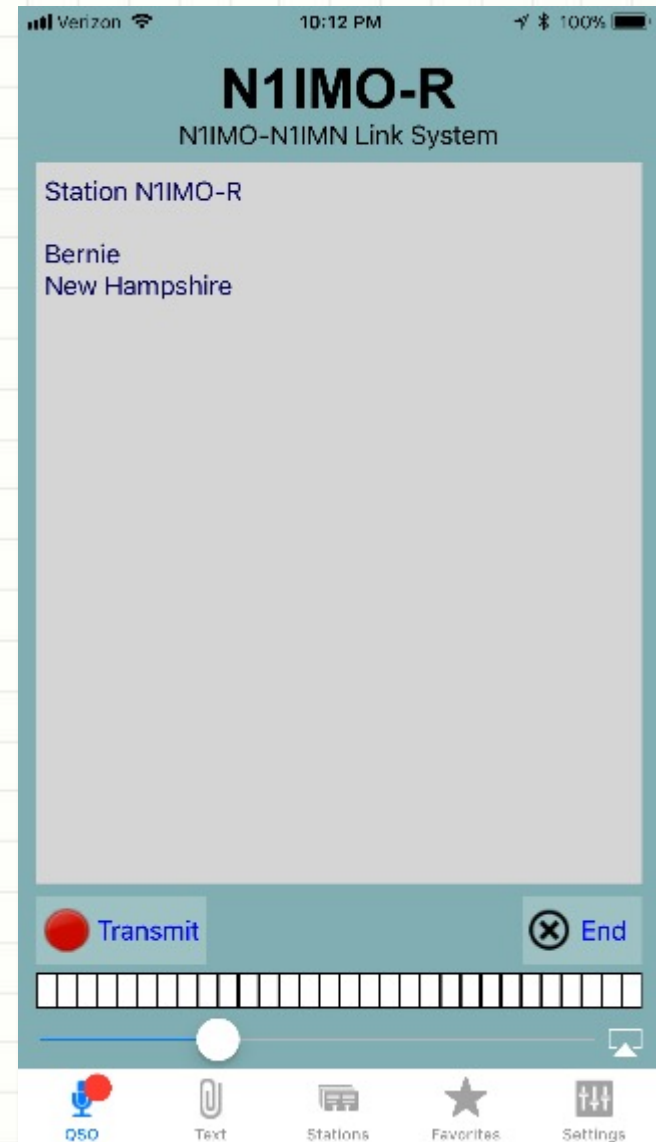
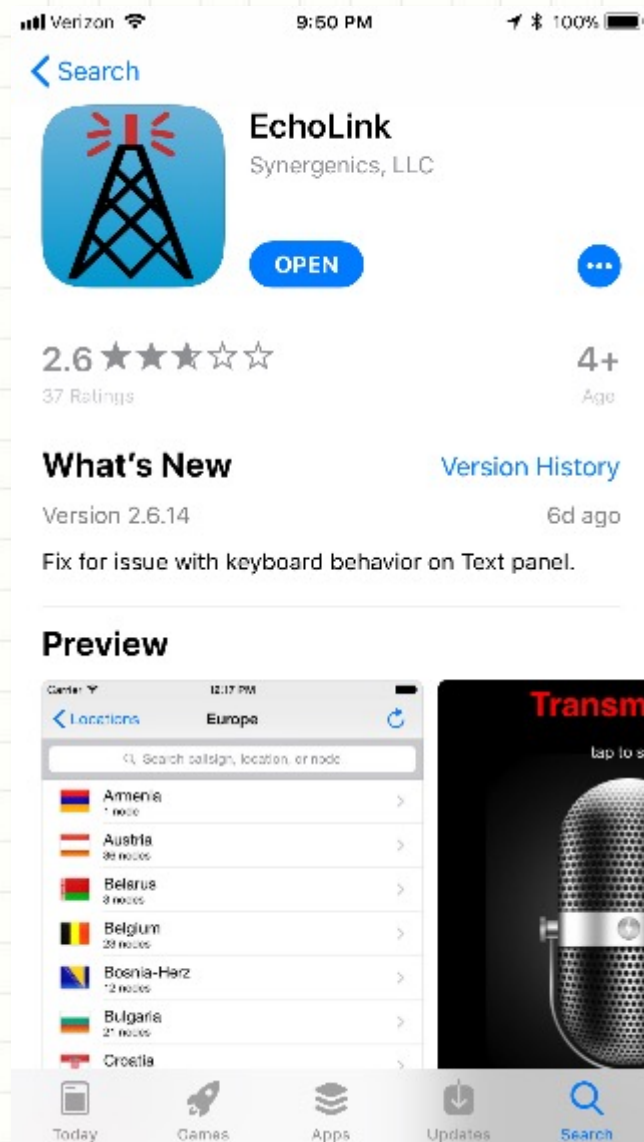
- [Change Your Password](#)
- [Change Your Callsign](#)
- [Change Your E-Mail Address](#)
- [Swap Node Numbers](#)
- [Get a Password Reminder](#)

More Information

- [Callsign Validation FAQ](#)
- [Authentication](#)
- [Validation Documents](#)
- [Access Policies](#)

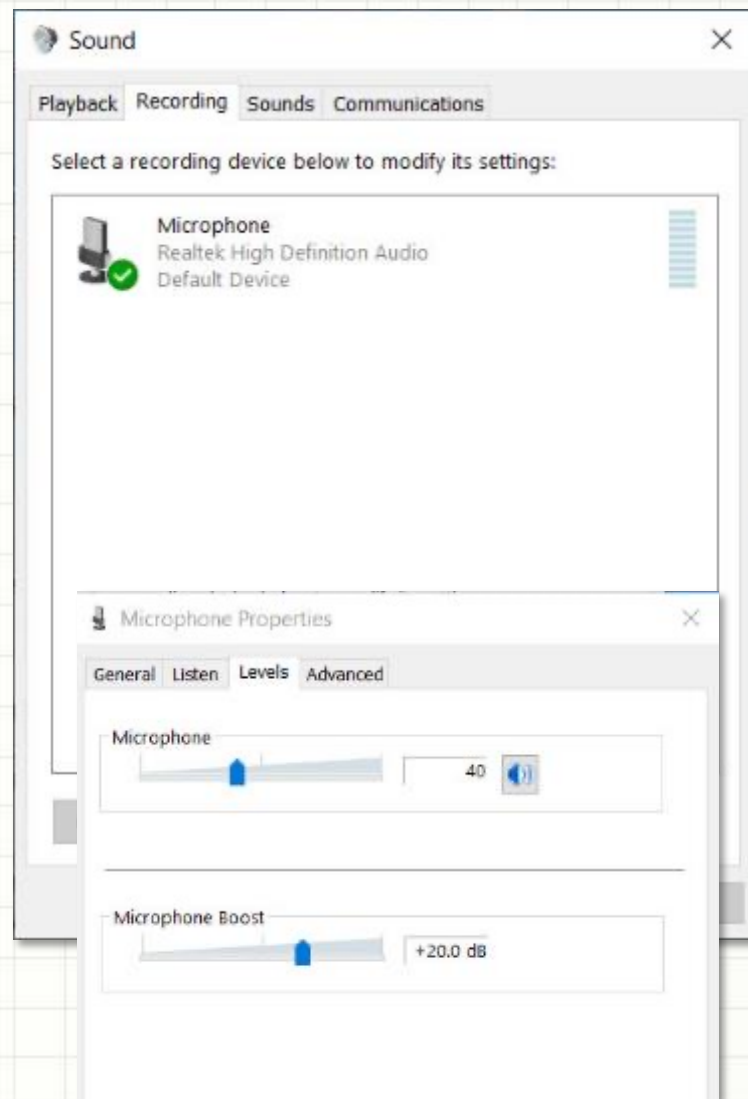
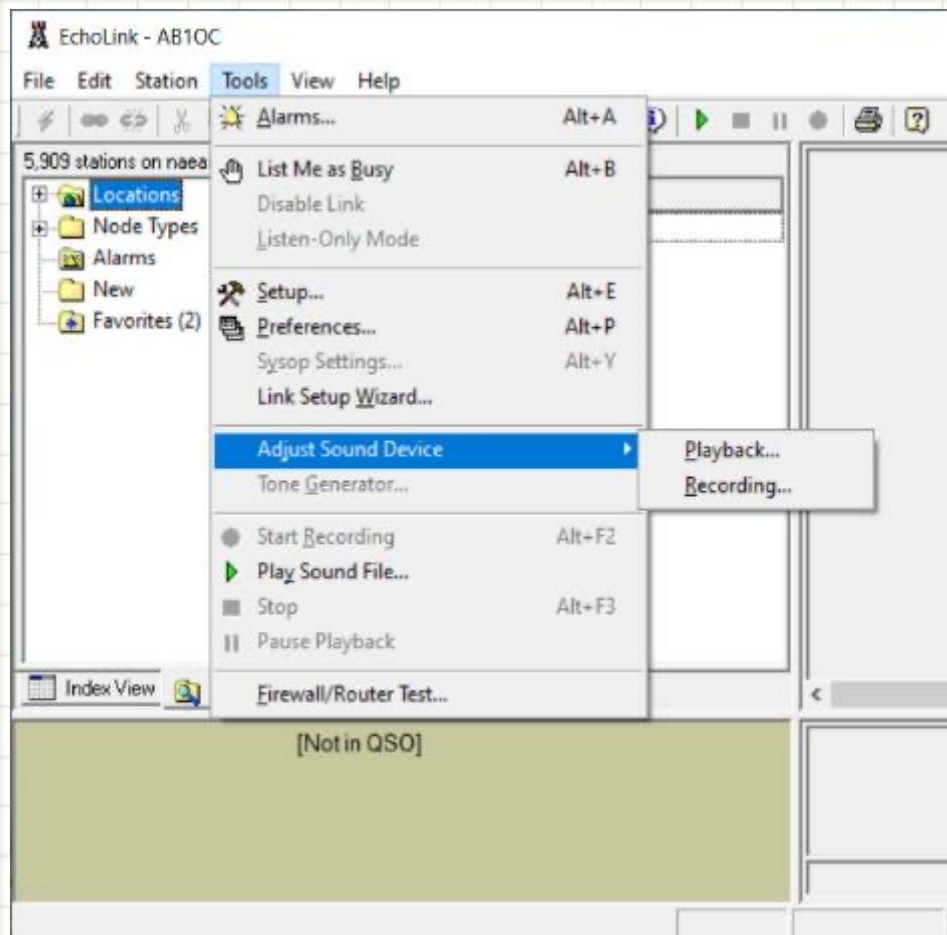
Turning Your Smartphone into a Radio

The EchoLink App



Audio Setup in EchoLink

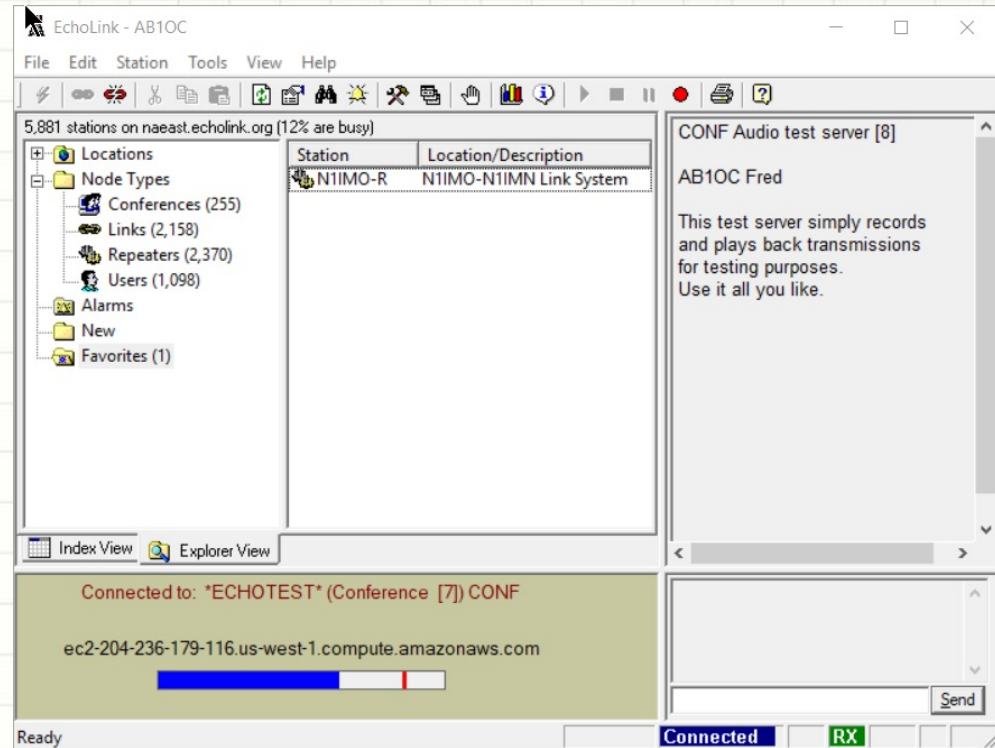
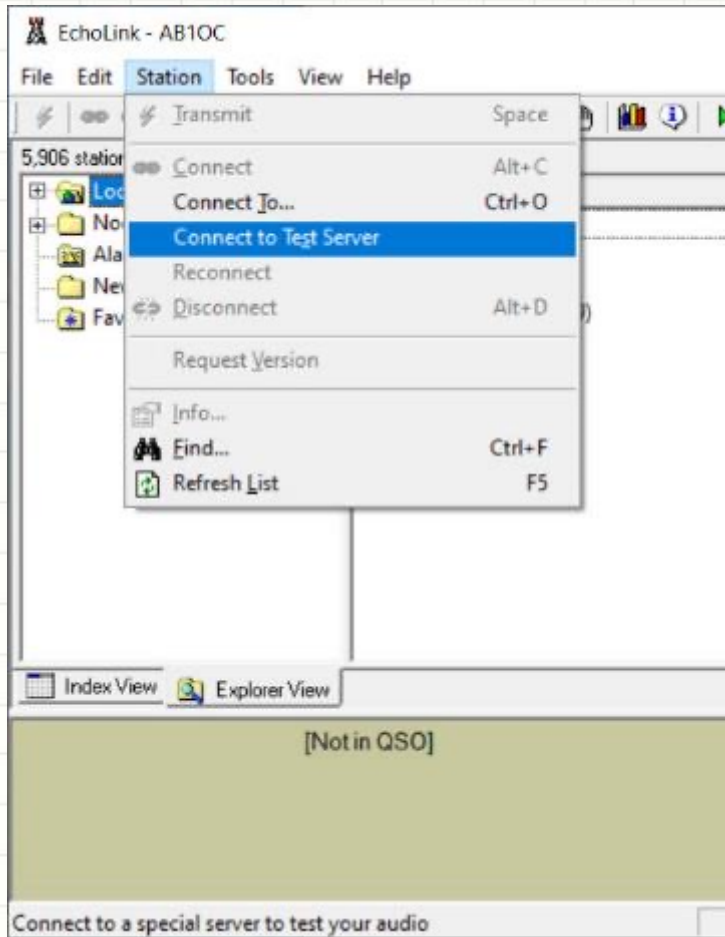
Set Audio Devices and Mic Level



Set your input and output sound device via Windows (or Mac) settings

Audio Setup in EchoLink

Using the EchoLink Test Server to Test Your Audio

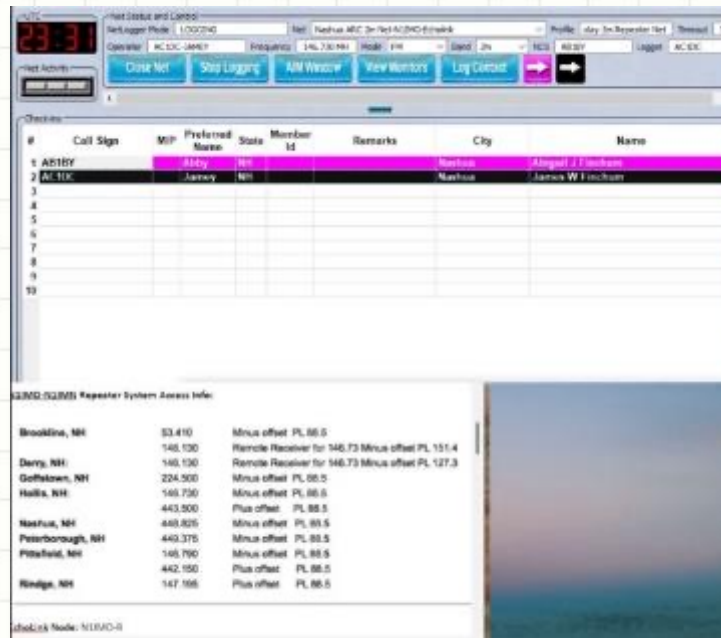


- Check your audio using EchoLink Test Server
- Adjust your mic gain as needed to get clear audio during playback

Join Our Weekly Repeater Net

N1IMO-R Repeater System

NARS repeater net is held on Sunday Evenings at 7:30 pm ET on the [N1IMN-N1IMO Repeater System](#)

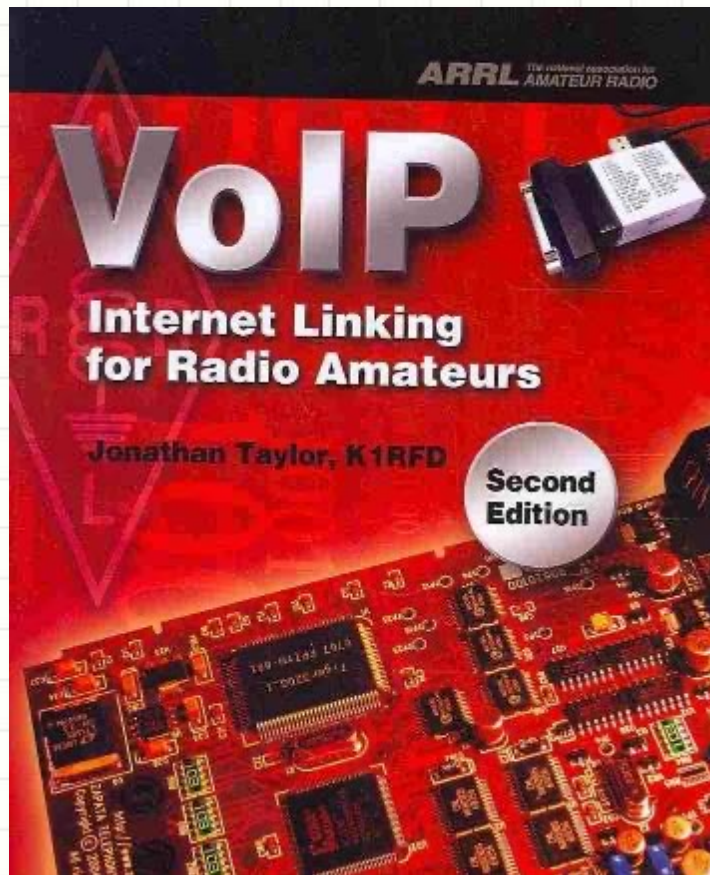


- Accessible to Amateurs outside our local area via *EchoLink* – **N1IMO-R**
 - Check in to the net and then answer a question
 - Includes information about upcoming NARS Activities and Events
- Great way to try/practice what you've learned at Bootcamp
- Hope to hear you on our next Repeater Net!

EchoLink

More Information & Help

- EchoLink User's Guide
 - From echolink.org

The screenshot shows the EchoLink Support page. At the top, there is a radio tower icon and the word 'Support'. Below this, there is a list of links: Home, Up, FAQ - General, FAQ - Installation, FAQ - Callsign Validation, FAQ - Servers, FAQ - Connecting, FAQ - Operation, FAQ - Advanced Operation, FAQ - Audio, FAQ - iPhone, FAQ - Android, Firewall Solutions, Authentication, Validation Documents, and Access Policies. The main content area starts with a paragraph about EchoLink being free and supported by volunteers. It then mentions that experience has shown that many questions are similar and can be answered by reading the help documentation or one of the frequently-asked questions sections. Most likely, you'll find that your particular question or problem has already been answered or addressed. There is a link to 'Windows 7/8/10 and Windows Vista Information'. Below this, it says 'Please choose one of the links below to find answers to frequently-asked questions.' and lists several categories: General Topics, Installing the Software, Callsign Validation and Passwords, Problems Connecting to Other Stations, Problems Connecting to Servers, Basic Operation, Advanced Operation, Audio Issues, EchoLink for iPhone, Firewall Solutions, EchoLink Proxy, and Conference Servers. There are also links for 'Did you forget your password?' and 'Does your callsign need to be validated?'. At the bottom, there is a form for 'Callsign:', 'E-Mail Address:', 'Operating System Version:', 'EchoLink Version:', and 'Category:'. There is also a 'Question or Comment:' field and a 'Send This Message' button.

- EchoLink for Dummies
 - ws6transam.org/Echolink_NE8K.pdf
- VoIP Internet Linking for Radio Amateurs by Jonathan Taylor, K1RFD
 - ARRL Book
- Nifty E-Z Guide to EchoLink Operation
 - Nifty Guidebook

Questions?

To Learn More:

Check out the Nashua Area Radio Society's Tech Night Program at:

n1fd.org/tech-night

Become an Internet Subscriber (or members of NARS):

n1fd.org/join-us

Much more information, pictures and video are available on our Blog at:

stationproject.blog

