Accessing Echolink Node From Your Radio

The Echolink node on the 146.91 repeater can be accessed from a 2 meter radio tuned to the repeater frequency. The station identification code for the W9TE-R node is **519521**. (To find the identification codes for other stations, see the site http://www.echolinkmap.org. The site provides the ability to locate Echolink nodes using a clickable map.

The Echolink gateway will respond to the following commands using DTMF tones from the radio. The following is a list of the basic commands and functions necessary to use a Echolink node. For a complete list of all commands, see Echolink Help at web site.

Command	Description	DTMF Code
Connect	Connects to a station on the internet, based on its node number. The node numbers can be 4, 5 or 6 digits.	nnnnnn
Random Node	Selects an available node (of any type) at random, tries to connect to it.	00
Random Link	Selects an available link or repeater (-L or -R) at random and tries to connect to it.	01
Random Conf	Selects a conference server at random and tried to connect to it..	02
Random User	Selects an available single-user station at random and tries to connect to it. .	03
Status	Announces the callsign of each station currently connected.	08
Reconnect	Reconnects to the station that was most recently disconnected.	09
Disconnect	Disconnects the station that is currently connected. If more than one station is connected, disconnects only the most-recently-connected station.	#
Play Information	Plays a brief ID message.	*

To establish a Echolink connection, perform the following steps:

1. It is recommended that you first identify your station on the repeater and that you are attempting Echolink operation.
2. Optionally, you can determine if the Echolink gateway is operational by keying a "*" DTMF tone. The gateway node will respond with status information.
3. Key the four or five digit station code for the station or repeater that you wish to link to.

4. After a few seconds delay, the Echolink node will respond with a "Connected" message if the link was successful. If the link was not successful, key a "#" to disconnect the gateway node.
5. Following a successful connection, announce your presence on the linked repeater by calling CQ, etc.
6. During a QSO using linked repeaters, let the 146.91 repeater tail completely drop before transmitting to avoid any timeout problems.
7. At the end of the QSO, disconnect the link by keying a "#" DTMF tone. The Echolink gateway will respond with confirmation that the link has been disconnected.

Accessing Echolink From Your Computer

Perform the following the access a Echolink station or repeater from your computer.

1. Download and install the EchoLink user program from the Echolink web site..
2. Verify that you have a microphone properly connected to your computer and the the microphone input volume level is properly adjusted.
3. Connect to the internet and run the Echolink user program.
4. Select a station or repeater to link to from the displayed Echolink station link.
5. Once connected, use the Enter key or spacebar to toggle between transmit and receive.