

The Utah Amateur Radio Club

IRLP Node #3352/Echolink Node #703269 - Quick Reference

<p>Put the system in "IRLP/Echolink Mode"</p>	<p>By default, the repeater is <u>always</u> ready to accept incoming connections, or allow users to make outgoing connections.</p> <p><i>There are some control codes, available only to control operators and official repeater monitors, that can be used to disable IRLP and/or Echolink connections, but this should be the exception rather than the rule.</i></p>
<p>Connect to an IRLP node. <i>The user must know the number of the node or reflector being connected to.</i></p> <p>IRLP nodes have 4 digits, Echolink nodes may have more than 4 digits.</p>	<p>For IRLP, say "<i>This is <callsign> connecting to <node name and/or number></i>" followed by the <u>control prefix</u> followed by the 4-digit IRLP node number.</p> <p>For Echolink, say "<i>This is <callsign> connecting to <node name and/or number></i>" followed by the <u>control prefix</u> followed by the "*" (star) key followed by the node number.</p> <p><i>If successful, the system will respond with a voice message indicating success or failure of the connect request.</i></p>
<p>Disconnect from an IRLP or Echolink node.</p> <p><i>After this command, one may connect to another node/reflector, or accept a connect from another node.</i></p>	<p>Say "<i>This is <callsign> disconnecting from the node</i>" followed by the <u>control prefix</u> followed by " 73 "</p> <p><i>If successful, the system will respond with a voice message indicating the disconnect state.</i></p>

Important:

- **The "Control Prefix" is required for node operation:**
DO NOT give the control prefix over the air and/or to non-UARC members. The prefix code may be found on the inside front cover of your most recent Microvolt.
- **Echolink node numbers require a "*" (star) before the node number - IRLP nodes DO NOT!**
- **Be courteous!** Don't be long-winded or "hog" the repeater/IRLP - give others a chance!
- **DO NOT** carry on "local" QSOs if the system is linked: You should disconnect or go to another repeater or simplex frequency!
- **Always** ask if the repeater is in use before bringing up the IRLP node!
- If the control operator does *not* hear a clear ID before the codes are sent, they will be ignored.
- If you bring up the IRLP system, take it down before you leave *or* hand it off to another UARC member:
Don't just walk away!

Autopatch operation:

- If an autopatch is brought up while a node is connected, the IRLP connection is put "On Hold" for the duration of the autopatch call. That is, the connection is still active, but those on the IRLP link will not be able to hear anything from the repeater (and the autopatch call) *and* those on the repeater will not be able to hear anything of the IRLP connection.
- During an autopatch call, the IRLP connection (if one is active) can either timeout due to non-use, the user on the "other" end can disconnect, or it can drop due to a network problem. If this happens, the voice announcement of this may not be heard, so the connection may not still be active at the end of the autopatch call.
- It is possible for someone to connect into the node (and even disconnect again) during an autopatch call - and those on the repeater may not even know that it has happened.