

Linked Repeater System Autopatch Instructions

1. Listen to be sure the linked repeater system is not currently in use.
2. In an emergency, break in by using the word "break" or give your call sign between transmissions.
NOTE: The word "break" should be reserved for emergency break-ins only.
3. Wait until the frequency is clear, or if necessary give you call sign between transmissions and ask if you can use the auto patch.
4. Give your call sign and state you purpose. i.e. "KB7HAM for the patch."
5. Key your PTT then dial * and the phone number all in one session without letting up on the push-to-talk button.
6. When the other party answers their phone you need to let them know that you are using a radio phone and it will be necessary for them to wait until you finish speaking before they speak.
7. When finished with your conversation bring down the patch (key PTT & dial #) and give your call sign.

Rules & Reminders

- The phone-patch to the cache-valley exchange (area code 435) is available through the 146.72, 145.31, 147.26, 449.625 and 146.64 repeaters.
- Everyone should know how to use the phone-patch. Testing the phone-patch to become familiar with its operation is okay.
- No business related phone calls.
- If you are calling 911, the patch has a 22 minute cut-off timer. All other calls have a 3 minute cut-off timer.
- The 3 minute cut-off timer can be reset by dialing **3 while transmitting.
- If there is an emergency, car break-down, etc, you can use the patch to call a wrecker or summon any help you need.
- Remember to identify yourself before you bring up the patch and after you bring it down.
- Remember that you are the control operator when making a call and are responsible for what those on the other end say. (third-party traffic)
- If someone puts you on hold and music is played, you must terminate the patch.
(FCC rules 97.113 Prohibited transmissions)

"Bad Autopatch Number" Check Your WIRES

The Yaesu WIRES (Wide-coverage Internet Repeater Enhancement System) Internet Connection feature operates by transmitting a short (~ 0.1 second) DTMF (Dual Tone Multi Frequency) tone burst each time the Push-to-Talk button is pressed. If this feature is accidentally enabled, it will confuse the repeater controller and the system will reply with "bad autopatch number."

Enabling and disabling this feature is most often accomplished with a momentary press of the "WIRES" key which will look something like this:

