

BRAARC Repeater Operations

The following information will highlight the basic operation of the repeater's various functions available to repeater users. These functions are accessed through the use of DTMF signals generated on air by the repeater user (you). Functions will be grouped by the repeater they are available on. The DTMF code will be expressed as follows: [400] means press the four key and the zero key twice on your radio's DTMF keypad. Please remember to announce your intentions with the repeater and your call sign.

BRAARC 2 Meter Repeater Functions

Time of Day Request

- Key up, enter [400] and unkey.

Key Pad Test

- Key up, enter [375X] and unkey. The repeater will read back the X key. Any number or key pad letters can be entered, including the star and pound. Note: the [D] can not be tested.

Radio Check

- Key up, enter [725*] and unkey. The repeater will state "start test now." Key up and record a seven second voice message. Unkey and the repeater will play back your recording.

Weather Alert Operation

- Key up, enter [1752] and unkey. This will place the repeater in Weather Alert mode used for Skywarn nets.
- Exit weather alert by keying up, entering [1751] and unkeying.

Autopatch Operation – open to local calls

- Key up, [*XXXXXXX] and unkey. The repeater will announce the number XXX-XXXX and dial.
- Key up, [*911] and unkey. This will dial Newago County 911.
- Key up, [911] and unkey. This will dial Meceola Central Dispatch.
- Key up, [#] and unkey to end your call.

BRAARC 440 Repeater Functions

Time of Day Request

- Key up, enter [400] and unkey.

Key Pad Test

- Key up, enter [375X] and unkey. The repeater will read back the "X" key. Any number or key pad letters can be entered, including the star and pound. Note: the [D] can not be tested.

Radio Check

- Key up, enter [725*] and unkey. The repeater will state "start test now." Key up and record a seven second voice message. Unkey and the repeater will play back your recording.

Autopatch Operation – Please limit autopatch calls on this repeater to emergencies.

- Key up, [*XXXXXXX] and unkey. The repeater will announce the number XXX-XXXX and dial.
- Key up, [*911] and unkey. This will dial Meceola Central Dispatch.
- Key up, [911] and unkey. This will dial Meceola Central Dispatch.
- Key up, [#] and unkey to end your call.

Echolink – These commands allow the repeater user to control the Echolink system on air.

- Key up, [CXXXXXX], and unkey. This will connect to an echolink node of your choice. Echolink node numbers are four to six digits long.
- Key up, [#] or [##] to disconnect or disconnect all connected Echolink stations.
- Key up, [A123], and unkey to shut down Echolink.
- Key up, [B123], and unkey to restart Echolink.

BRAARC 6 Meter Repeater Functions

DTMF Keypad Test – This command will read-back all DTMF numbers and letters decoded.

- Key up, and enter [375], the DTMF keypad access code followed by the keypad numbers and letters to be tested.
- The entries can be in any order.
- Unkey, and the voice will read-back all numbers and letters that were decoded including the "star" and "pound".

Weather Report – This feature is not active.

- Key up, and enter [200 XX] Where XX is replaced by the two digit weather report code below.
 - o [00] – complete weather report
 - o [01] – inside temperature
 - o [02] – outside temperature
 - o [03] – wind speed and direction report
 - o [04] – rain fall report
 - o [05] – one minute wind speed report
- Unkey and the repeater will provide a weather report.