

KR5NM Repeater Operation

When the two repeaters are linked together:

When a transmission originates on the Alto Crest Repeater (146.92) a two element courtesy beep (DTMF 15) plus a chime is heard on the Alto Crest Repeater at the end of a transmission. Just the two element courtesy beep is heard on the Camelot Repeater.

When a transmission originates on the Camelot Repeater (145.45) a single tone courtesy beep is heard on the Camelot Repeater at the end of a transmission. A single tone beep plus the chime is heard on the Alto Crest Repeater.

When a transmission originates on EchoLink, a two element courtesy beep (DTMF 15) is heard on the Camelot Repeater at the end of the transmission and a two element courtesy beep (DTMF 15) plus a chime is heard on the Alto Crest Repeater.

A transmission originating on the Remote Receiver will have the same courtesy beep sequence as a user on the Alto Crest Repeater.

When the two repeaters are not linked:

When a transmission originates on the Alto Crest Repeater (146.92) a chime is heard on the Alto Crest Repeater at the end of the transmission. The transmission will NOT be heard on the Camelot Repeater and will NOT be heard on EchoLink.

When a transmission originates on the Camelot Repeater (145.45) a single tone courtesy beep is heard on the Camelot Repeater at the end of the transmission. The transmission will NOT be heard on the Alto Crest Repeater but WILL be heard on EchoLink.

When a transmission originates on EchoLink, a two element courtesy beep (DTMF 15) is heard on the Camelot Repeater at the end of the transmission. The transmission will NOT be heard on the Alto Crest Repeater.

A transmission originating on the Remote Receiver will have the same courtesy beep as a user on the Alto Crest Repeater but will NOT be heard on the Camelot Repeater.

Linking Commands

Zone Six functions 1 and 6 must be enabled on the CAT 300 Controller at Alto Crest to link the two repeaters. Setting Zone 6 function 6 to OFF will disable the link. Zone 6 function 7 will enable the second radio port (not presently utilized).

The two repeaters will normally be linked together. During an extended power outage the repeaters will not be linked to conserve battery power at the Camelot Repeater.