Ridgeway Repeater Group www.rrg.org.uk

GB3WH

GB3WH User Guide

Using the repeater

To gain access to the GB3WH repeater when it is not in operation you provide a 1750Hz tone or a CTCSS tone set at 118.8Hz while transmitting and keep the transmitter on for 3 second this will open the repeater and when accessed you will hear an "E" (**.**) in Morse come back and a 2nd "E" (**.**) 1 second later.

Once the repeater is open, no other tone is required and it will stay open while it is in use.

The repeater will give an "E" (**.**) at the end of a transmission that lasts longer than 2 seconds and another "E" 1 second later.

If you wait for the 2nd "E" each time it is your over, it will allow others to break in as a chance to be heard.

If you have no tone burst or CTCSS tone you could try whistling it up or you can wait for one of the repeater announcements as this will open the repeater for about 10 seconds before closing down again.

The repeater has a 5 minute time out where time out pips will be heard at the same time as the rag chewer.

Should power fail the pips will be replaced by the morse character "P" (**.--.**) to indicate that the repeater is running on it's battery backup.

Repeaters in the UK are provided for the benefit of all Amateur radio stations however their primary role is to assist communications between mobile/mobile and mobile/fixed stations. Fixed stations are of course very welcome, but do please allow for the lone mobile user(s) to have their chance to use the repeater especially if you are in simplex range of the station that you are working.