



eRIC Development Kit - Quick Start Guide



To power the eRIC Development boards connect either the battery or connect the board to a PC USB port via the supplied USB adapter lead.



Ensure that the slide switch is 'On' and check that the Red power LED is lit. Check that jumper JP1 is NOT fitted. (Pins not bridged) The eRIC modules will now be working in easyRadio mode.



N.B. The boards should be separated by a minimum distance of 30cm (1 foot) to prevent RF overload (swamping).

Demonstration Modes

To enter demonstration mode(s) press and hold down Switch 1. Whilst holding down Switch 1 momentarily press and release the red reset button, now release switch 1. The blue LEDs 3 & 4 will flash twice indicating demonstration mode is now active.

Decide which board is to be the 'receiver', then press and release Switch 3 to select 'Receive' mode for this board.



To select 'Manual Transmit' mode on the other (transmitter) board repeat the initial procedure then press and release Switch 2. Any button now pressed on this board will be 'echoed' on the receiving board by a corresponding LED indication.

To select 'Automatic Transmit' mode on the other (transmitter) board repeat the initial procedure then press and release Switch 4. The transmitting board will then display an incrementing binary pattern on the local LEDs that will similarly be 'echoed' on the receiving board by a corresponding LED indication. This mode is useful for performing battery powered range tests.

To return the boards back to the default easyRadio mode, simply press and release the red reset button.



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