

Rako Rx-Link Installation Instructions

Overview

The Rako Rx-Link module is a receiver unit designed for use with the RAK-4 range of dimmer units. The Rx-Link interconnects with the RAK-4 units via a CAT 5 cable and is intended to be sited centrally to the Rako control panels and up to 100m from the RAK-4 units

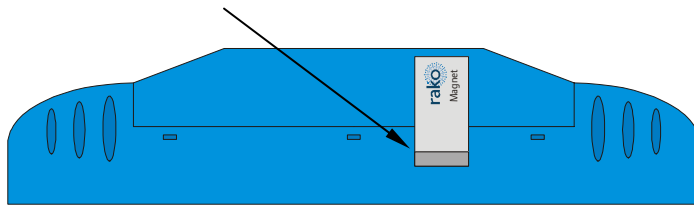
Addressing

The Rx-Link module should be given a Rako House and Room and channel number. If more than one Rx-Link is to be used in a project then it is recommended that they be given different channel numbers within the same House and Room and that the Room number be different from any other Rako dimmer modules on the project. It should be noted that mapping to the RAK-4 channels is then achieved using the RASOFT software package and either a RAV232 or RAUSB interface device.

The default address of an Rx-Link unit is House 1 Room 255 Channel 1. To readdress this put the unit into set up mode

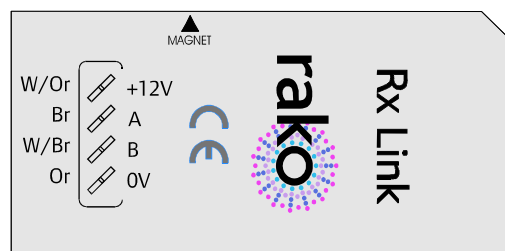
Using the small magnet provided with each module, press the magnet against the receiver casing just over halfway down (see below). The approximate position for this is indicated by the 'magnet point' legend on the top label. When the magnet is in the correct position an internal LED will illuminate. The LED will stay on with a steady illumination all the time that the magnet is in the correct position. Hold the magnet in this position for 3 seconds until the LED starts to flash. The receiver is now in set up mode. From the RASOFT software chose a House Room and Channel number and click IDENT. The Rx-Link will then receive this address and drop out of set-up mode.

Approximate position for Rako programming magnet.



Connection.

The Rx-Link comes with a CAT5 cable and can plug directly into a RAK-4 unit. To extend the cable to be able to mount the Rx-Link more locally to the wallpanels or other transmitting devices use a CAT 5 extension. Alternatively a longer CAT 5 cable can be connected to the Rx-Link using the connections as detailed on the label, see below.



Termination

A terminating shorting link is included with each Rx-Link. This should be fitted to the TERM header connector (located adjacent to the RJ45 IN socket on the last RAK-4 unit on the data chain. If only one RAK-4 is used it should be fitted to that unit.