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**DO NOT** Discard with normal waste, please recycle.

**ROHS Directive 2011/65/EU as amended by 2015/863/UE**

Specifies certain limits for hazardous substances.

**WEEE Directive 2012/19/EU**

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfils its WEEE obligations by membership of an approved compliance scheme. Environment Agency producer registration number: **WEE/JB0104WV**.



### Waste Batteries and Accumulators Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point. RF Solutions battery producer number: **BPRN00060**.

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# MAINSSWITCH Control Systems

## Quick Start Guide

### What's in the box?

- 1 x RECEIVER
- 2 x KEY FOBS
- 2 x CABLE GLANDS

- Up to 200m range, line of sight
- UK design and manufacture.
- Waterproof Tx & Rx to IP68

### Applications

- Conservatories
- Outdoor lighting.
- Garden lighting and pond pump switching.



MAINSSWITCH is a single channel, 230Vac Remote Control for indoor/outdoor use.

Ready to deploy, the receiver requires a 230Vac supply via screw terminals and provides a Switched 230Vac output.

Up to 30 additional Key fobs or Wall mount switches (SWITCHLINK-8T1) can be added to a system.

Part Number	Description
MAINSSWITCH-8SL1	System including 2 Key fobs and Receiver
MAINSLINK-RX	Receiver Unit
FOBBER-8TL1	Key fob



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Available online: [www.rfsolutions.co.uk](http://www.rfsolutions.co.uk)

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1



For Professional use ONLY  
Installation to be by a  
qualified electrician.

2

Remove the front of the enclosure  
with the receiver board



3



Remove your chosen knockouts from  
the enclosure rear section and screw  
in the cable glands provided. Pull cables  
through glands.

NOTE: The Relay Switches are rated at: 1.2kW or 5A @ 230Vac



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Alternative systems: SWITCHLINK

Wireless mains switching at the flick of a switch.



SWITCHLINK is a wireless cable replacement system which allows you to avoid costly and time consuming cable runs. If an install requires a switch across a road or through a house then use SWITCHLINK to save time and money.

Specifications

- Up to 1km range!
- UK design and manufacture.
- High quality MK switch transmitter.
- IP68 waterproof receiver.
- Lithium battery for 5 year life.

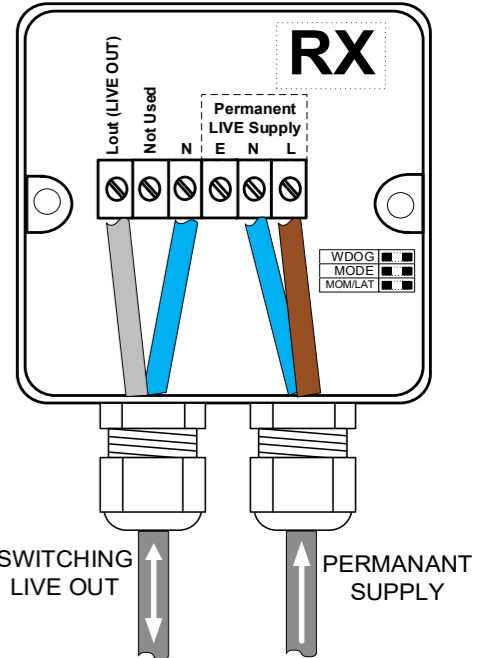
Perfect for:

- Retro fit light switch installations.
- Outdoor lighting.
- Garden lighting and pond pump switching.



4

Wire the Receiver as required - standard wiring shown.



5



Replace front of enclosure

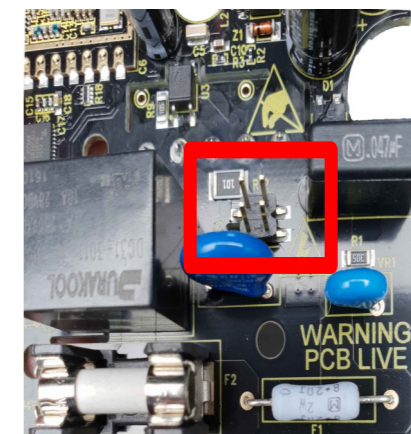
This device is Double Insulated i.e. does not require a safety connection to earth. However earth terminals are provided for convenience to ensure earth continuity if required.

NOTE: Switching LED Lights and low current devices  
Switching Lower Power LED Lights

MAINSLINK-RX incorporates a "snubber" protection circuit which is recommended with Load connections such as a Motor or pump.

If switching lower power LED lighting the snubber circuit can cause the LED lights to faintly glow when switched off.

To remove the snubber, remove Jumper link J2 on the rear of the PCB (as image shows).









### Advanced operation: Pairing Additional Transmitters

**NOTE:** All systems are supplied ready paired and would not require pairing. Pairing is only required for extra transmitters.

1. Apply a 230Vac supply to the MAINSLINK-RX
2. Briefly swipe a magnet along Right side as shown  
The GREEN comms LED will flash 3 times to show "in Pairing Mode"



MAINSLINK-RX COMMS LED		
Operation	2 x Flashes 	3 x Flashes 
Status	Unpaired	In Pairing Mode

3. When the receiver is in learn mode you will need to operate the transmitter within 10 seconds. To do this you must press the on then off button on the transmitter. (for non latching transmitters without ON/OFF buttons just press and release the button you wish to pair)
4. Allow 15 seconds for the receiver to return to normal operation.



### Erasing a Receiver

To erase all transmitters from the receiver hold a magnet on the right side for 10 seconds.

**NOTE:** You cannot erase individual transmitter fobs.



### Replacing the battery

Remove the screws holding the back panel in place. Open the case and change the battery. Ensure you check the orientation of the battery.



### MAINSSWITCH remote control systems



#### Warnings :

- Product is not independently isolated, ISOLATE the mains electricity supply before removing the cover and observe any relevant safety precautions. Maintenance to the product that involves removal of the cover should only be carried out by a competent person or qualified electrician.
- Load Fuse rating is 4A (T) 250 H (Ceramic). Replace fuse with same type and rating.
- Relay is rated at 10A peak, and 5A constant.
- Product must be connected to a switch fused (spur/supply) or BS 1363 Plug.
- For Professional use ONLY