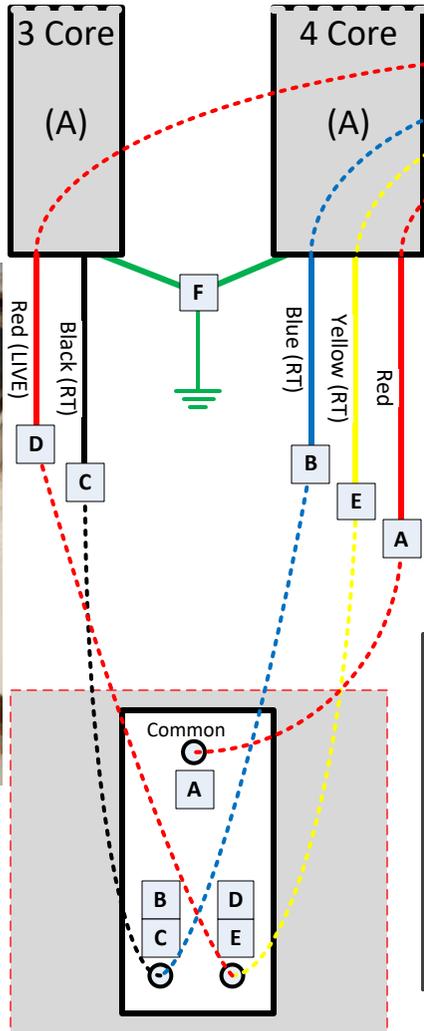
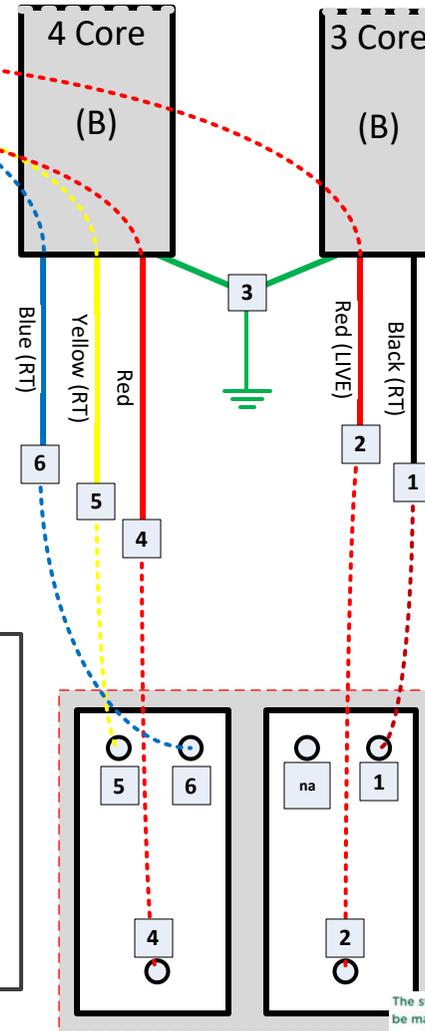


## Left Side (Dining Light) Single switch layout



Existing SW-A

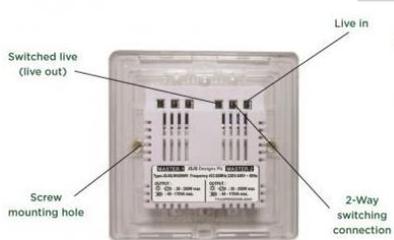
## Right Side (Kitchen Light) Double switch layout



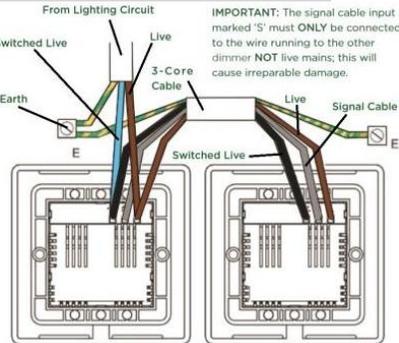
Existing SW-B

### Notes:

- Cable core numbers include earth wire
- RT = 'Red Tip' where it has a red sleeve on the wire
- Wires D & 2 tested as live (Under safe conditions - I'm still alive! 😊)
- Continuity tests conducted with wiring disconnected from switches
- Switch connectivity views are from the front, not the back



Rear view of the LW420 looks like this. (Colours vary is all it seems.) LW450 is the same, but with no connection options on the left side.

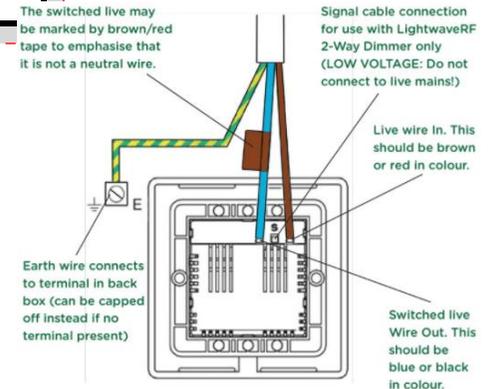


IMPORTANT: The signal cable input marked 'S' must ONLY be connected to the wire running to the other dimmer NOT live mains; this will cause irreparable damage.

The diagram here, comes with the LW450 2-Way Dimmer (1 gang)

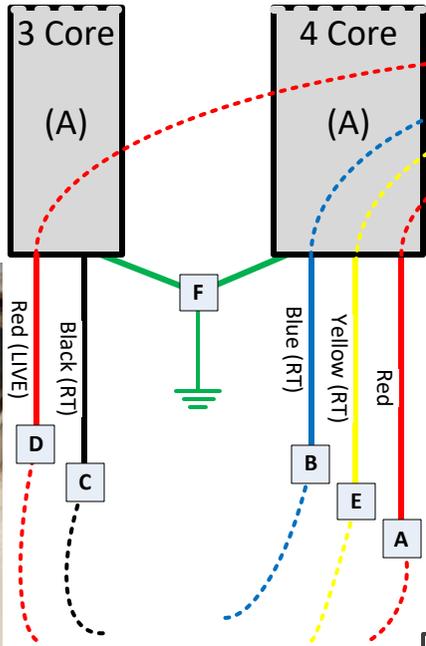


This diagram comes with the LW420 Dimmer (2 gang)

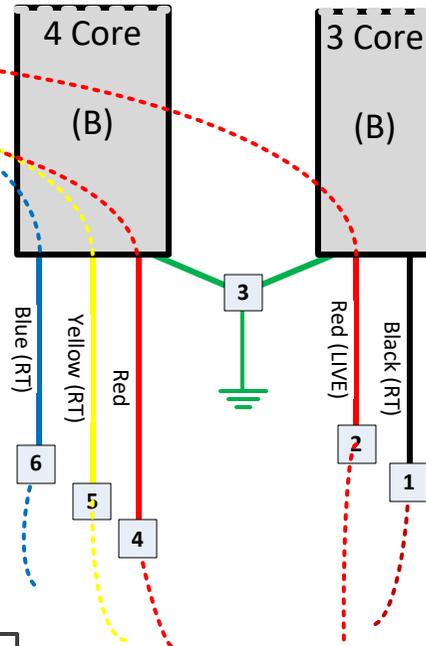


**Updated with new switches**

**Left Side (Dining Light)  
Single switch layout**



**Right Side (Kitchen Light)  
Double switch layout**

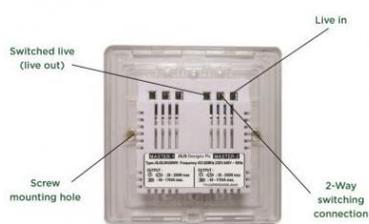
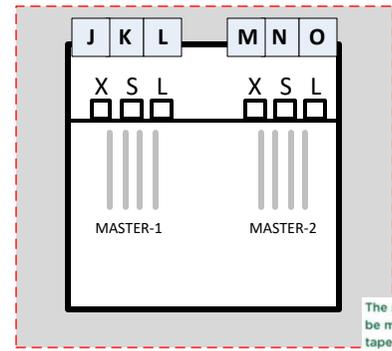
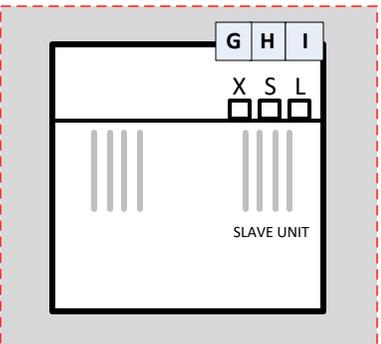


Supply

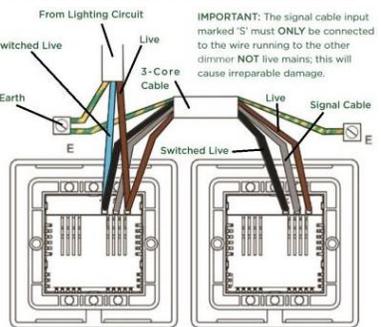
Continuity tests between labelled wires confirms these connections



- Notes:**
- Cable core numbers include earth wire
  - RT = 'Red Tip' where it has a red sleeve on the wire. Line(Live) (Thanks EFLimpudence)
  - Switch connectivity **views for new switches are from the back** this time
  - X on the switches indicate 'Switched live wire out.. should be blue or black'
  - S indicates 'Signal cable connection' 'Do not install a LIVE or "X" wire'
  - L indicates 'Live wire in.. Should be red or brown'
  - MASTER-2 is closest to the SLAVE UNIT which it should control
  - Label points added G to O



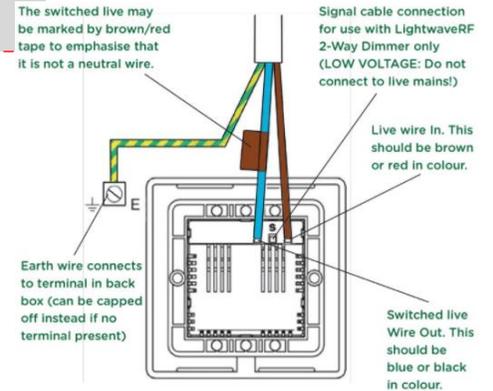
Rear view of the LW420 looks like this. (Colours vary is all it seems.) LW450 is the same, but with no connection options on the left side.



The diagram here, comes with the LW450 2-Way Dimmer (1 gang)



This diagram comes with the LW420 Dimmer (2 gang)



The switched live may be marked by brown/red tape to emphasise that it is not a neutral wire.

Signal cable connection for use with LightwaveRF 2-Way Dimmer only (LOW VOLTAGE: Do not connect to live mains!)

Live wire in. This should be brown or red in colour.

Switched live Wire Out. This should be blue or black in colour.