# Wireless RGB/RGBW Wall & Remote Control (1-Zone)

Detachable RF LED controller

*Commercial Grade*

## trouble-shooting guide

- ***LED lights are lit – why is my detachable controller not changing them?***

  If the wall/remote controller is not controlling its associated LEDs, first try replacing the battery.

  If the controller's battery is fine, then the problem is likely to be that it's not properly paired with the receiver.

  1. Clear any preset pairing by holding the receiver's black RF code key for at least 10 seconds. (You should see the LEDs flash or flicker; this indicates the reset has worked.)

  2. Now re-pair the wall controller to the receiver. Do this by clicking the black RF code key on the receiver and, within 5 seconds, click any button on the controller.

  Your wall controller and receiver are now paired. The controller should now be able to change and control your LEDs.

- ***Why can't I control the 'white' channel of my LEDs?***

  To use the fourth channel on your RGBW LEDs with this controller, follow these steps:

  - Set the controller to 'white' by short-pressing both of the bottom control keys together *('brightness' key + 'colour' key).* This will toggle the 'white' channel on/off.

  - To dim the 'white' channel, hold down both of the bottom control keys.

  - To increase the brightness of the 'white' channel again, hold down both of the bottom control keys again. (This toggles between dimming and brightening
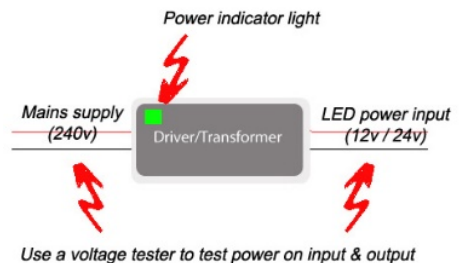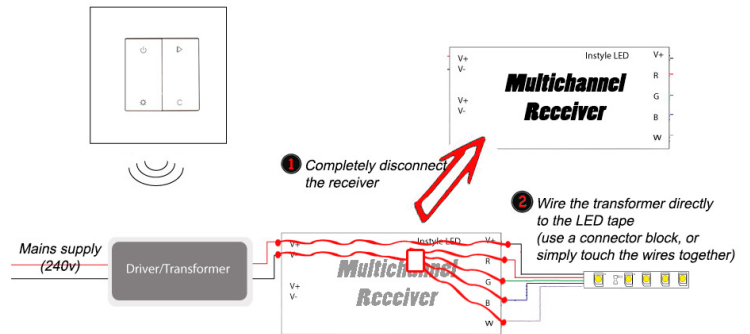
- *Why are my LEDs not lighting up at all?*

  First, test the LED tape by completely disconnecting the receiver then wire the transformer directly to the LED tape. This will confirm that your transformer and LED tape are both working.

  Wire the LED tape's black cable to the transformer's positive output (typically coloured red). Then wire the R, G, B and W cables to the transformer's negative output (typically black). The LEDs should light up.

  If the LEDs *do not* light up, then the transformer may be faulty. Many of our smaller transformers (internal 30W, 60W and 100W models) have a green light to indicate they are receiving power from the mains supply. If there is no green light, then the transformer is receiving no power or is faulty. Use a voltage tester to test the voltage going in.

  For transformers than *do not* have a light, use a voltage tester on both the transformer's input and output to see if you have voltage.

❶ Completely disconnect the receiver

❷ Wire the transformer directly to the LED tape (use a connector block, or simply touch the wires together)

Power indicator light

Mains supply (240v)    Driver/Transformer    LED power input (12v / 24v)

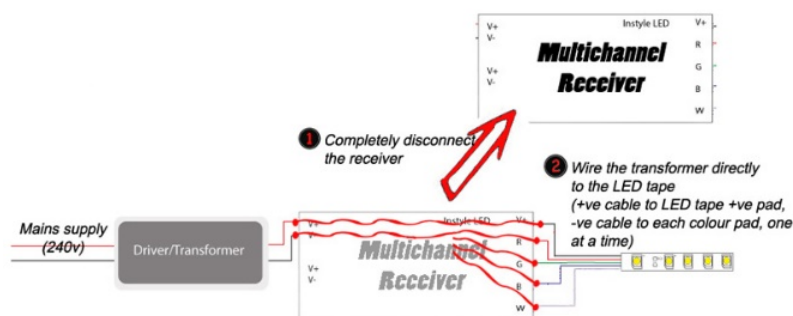Use a voltage tester to test power on input & output

- **Why are all the colours working on my LED tape when wired to the receiver, except for one?**

  There may be a loose cable. Check the cable and terminal-block connections. Use a voltage tester if possible.

  You can test each colour individually by temporarily disconnecting the receiver:

  Wire the transformer's positive output directly to the LED tape's '+' solder pad, then connect the negative output to each colour's pad individually (red then blue then green then white).

  This will enable you to see if there is a fault in the LED tape.

Check all cables and connections. (Use a voltage tester if possible.)

❶ Completely disconnect the receiver

❷ Wire the transformer directly to the LED tape (+ve cable to LED tape +ve pad, -ve cable to each colour pad, one at a time)

- **My LEDs are not lit, even though my transformer is definitely working. Why is this?**

   If the transformer is both receiving and outputting voltage properly, then there may be a break or fault in the power cable connecting the transformer to the LED tape.

   To test this, try bypassing the starter-lead cable:

   1. Touch the transformer's positive output cable directly to the LED tape's '+' pad (anywhere other than the starter lead) and then touch the transformer's negative output cable to either R, G, B or W solder pads on the LED tape (anywhere after the starter lead).

      This should light up the corresponding LED colour (e.g. red).

   2. Test each colour individually, by touching the transformer's negative output cable to each colour's solder pad in turn.



Mains supply (240v) — Driver/Transformer

❶ Connect +ve transformer output to +ve LED tape solder pad

+ve cable
-ve cable

❷ Connect -ve transformer output to red/green/blue/white LED tape solder pads in turn