

## Applications

Ideal for Remote control multiple 4 independent channels (AC, DC loads can be mixed)

Multiple garage doors, lights, electrical appliance, pumps, caravans, and motors

Can be used as alternative of latching or hold relay, SPST, DPDT switch or remote trigger point of PLC control

## Specifications

<b>Model:</b>	<b>RSA H2 TLM4</b>
<b>Power Supply:</b>	85 ~ 260 VAC
<b>Static Current:</b>	≤ 7 mA
<b>Contact Rate:</b>	10A250VAC; 10A30VDC (able to drive a heavier load IF combined with Air Breaker)
<b>Remote Frequency:</b>	315 MHz
<b>Remote Distance:</b>	150 ~ 200 m in clear area
<b>Control Channel:</b>	4
<b>Control Type:</b>	Universal "T" or "L" or "M" type

### T Type

- Self Locking contact
- A contact holds until press same remote button again
- 4 channels works independently

### L type

- A contact holds accordingly after press associated remote button. The contact will be release once any other button pressed.
- 4 channels latch each other
- Only one channel can be on at any time

### M Type

- A contact holds only during its remote button is pressed and hold
- 4 channels works independently

**Control Type Selection:** The control type can be pre selected by using a soldering iron **BEFORE power on**. A soldering jumper on T is T type, on M is M type, and no jumper (open circuit) on all points means L type.

**Code learning:** To learn a new remote or remote with new communication code, press the code learning button (S1) till LED light on, release S1 then press any button on new remote in 5 seconds, LED will flash three times. The code learning is finished. Try the remote. Repeat above steps if failure.

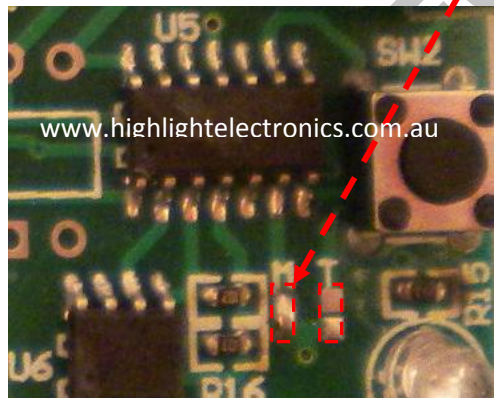
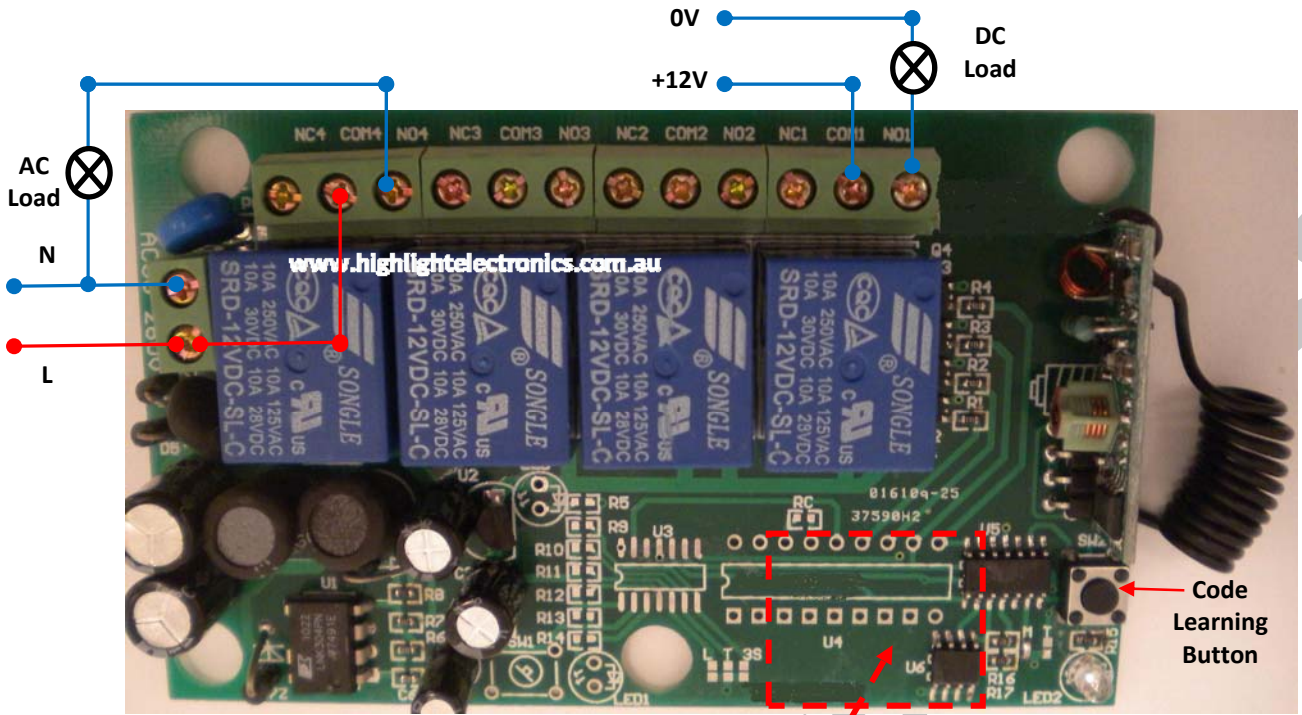
**External Dimension:** Approx 81L\* 65W\*30H mm (Main box with case);  
Approx 60L\*40W\*15H mm (Remote)

**Remote Battery:** 23A 12V DC battery included

**Warranty:** 12 month

**Contents Including:** One Receiver with case (12VDC, 4 Channels)  
One Remote (315 MHz, 23A 12V battery, 150 ~ 200 m)  
User manual

# Main Board & Wiring Example & Control Type Selection & Remote



- Control type selection: (Prior Power On)
1. T Type: Short T only (Joins up and low points)
  2. M Type: Short M only (Joins up and low points as shown)
  3. L Type: All Open (no joints on both M and T).
  4. Only chose one of three types

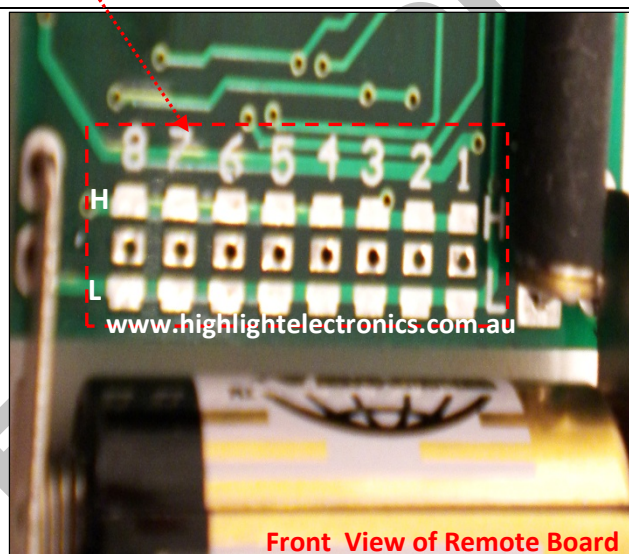
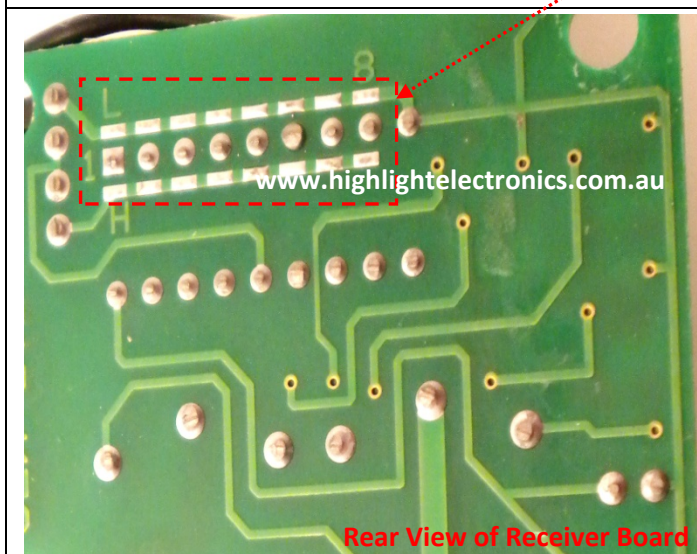


## How to change the communication code

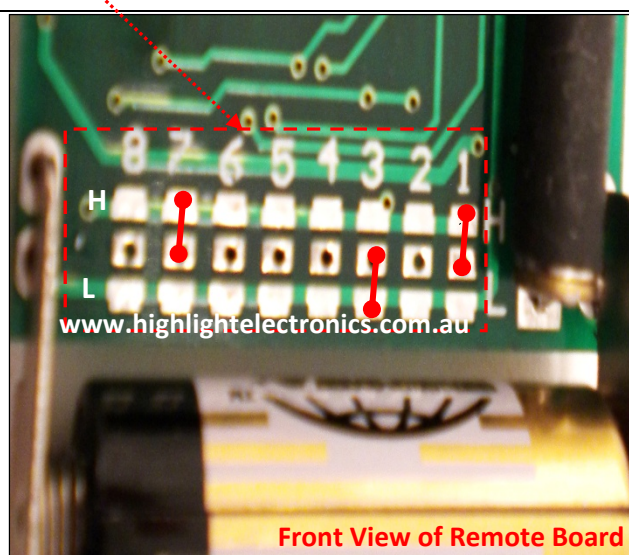
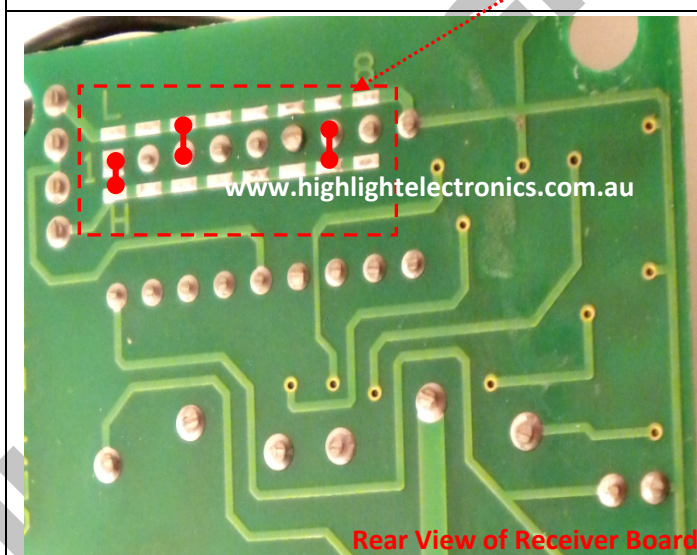
By factory default, the DIP position of communication code both on remote and receiver are open circuit which means all other remotes and receivers with same settings are able to communicate each other.

You can change the settings to your own channel by soldering the DIP pins. **Please make sure not overheat the circuit board with soldering pencil, and configure same combination of DIP pins both on remote and receiver.**

By factory default DIP 1 ~ 8 pins  
are all opened



Pin 1 joins to H, Pin 3 to L, Pin  
7 to H. Others remain opened.



The product is made in China