

SPA Remote helmet shift light Manual

The SPA remote shift light will connect to the SPA Tacho, Shiftlight or Kitdash with the an adaptor lead. If you are using the Shiftlight, please make sure that the “Shift light flashing mode” SFL option is set to off.

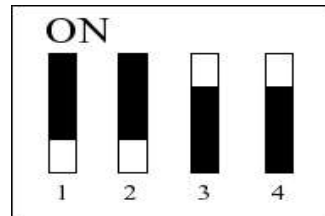
The remote shiftlight transmitter sends shift information to the remote helmet shiftlight receiver worn by the user.

The remote helmet shiftlight can be switched on by pressing the button, or by passing a magnet near the button area (if its covered by jacket/leathers). It will switch off automatically after 6 minutes of inactivity from the transmitter (IE it is out of range or the shiftlight power is off).

Whenever the on switch is pressed, the LED's quickly flash green, yellow, red twice. When switching off after 6 minutes of no activity, the LED's slowly flash red, yellow, green once.

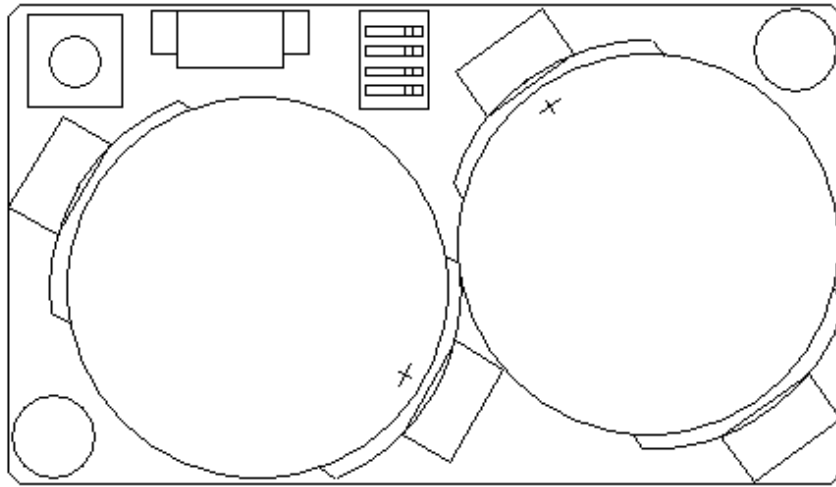
The shiftlight transmitter and receiver have 16 selectable channels. These are selected by tiny switches inside them. Their channels must match for them to communicate. You only need to change these if there are other remote shiftlights in use nearby. Here is a chart showing the switch selection of the channels:-

Channel	1	2	3	4
1	OFF	OFF	OFF	OFF
2	OFF	OFF	OFF	ON
3	OFF	OFF	ON	OFF
4	OFF	OFF	ON	ON
5	OFF	ON	OFF	OFF
6	OFF	ON	OFF	ON
7	OFF	ON	ON	OFF
8	OFF	ON	ON	ON
9	ON	OFF	OFF	OFF
10	ON	OFF	OFF	ON
11	ON	OFF	ON	OFF
12	ON	OFF	ON	ON
13	ON	ON	OFF	OFF
14	ON	ON	OFF	ON
15	ON	ON	ON	OFF
16	ON	ON	ON	ON



The above picture shows the default channel 4 selected. Push the white slider up for ON. You will need a very tiny screwdriver or fairly sharp pointed tool to alter them. To access this switch in the trasmitter, uncrew the case halves. To access this switch in the receiver, just pull the case back off by the indent (see diagram for changing the batteries).

Battery replacement: The remote helmet shift light runs from two CR2430 Lithium coin cell batteries. When these need replacing, use a thumb nail in the small indent to prize off the back of the case. Now carefully use your fingers to prize up each battery from its holder. Insert one end of the each new coin cell battery and then press it down and it will snap in place.



Installation:-

Use the adaptor lead to connect to the Tacho, Kitdash or Shiflight. Connect the yellow/green ground wire to the nearest chassis point or negative earth wire. The red antenna wire should be taped away from any wiring with as little distance to the driver/rider as possible. The transmitter antenna must not be screened by the bulkhead or chassis, it must have a direct path to the rider/driver. The remote helmet transmitter and receiver are not water proof and should be protected.