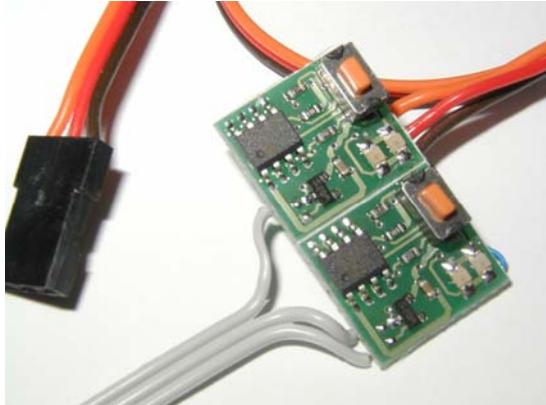




RC Switch Twin version.



1. Overview

The 'Twin Switch' is a special version of the RC-Switch that can control, with two independent outputs, the double-step shutter used in some cameras. Two *RC-switches* are connected and packed together as a single unit with two outputs connected to the same rc channel.

The two switches can be programmed separately, setting the two outputs activation at different positions of the same command.

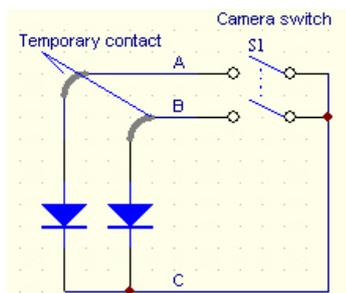
Moving the stick from 0% to 50% can activate the first shutter step (focus and exp. time) and moving to more than 60% will trigger the camera.

Going back to half stick travel (50%) will not restart the focus and exposure calculation and the camera is ready to take an other picture, while going to 0% will restart the complete process.

2. Connections

If the common pole of the two switches in your camera it is not connected to GND or pulled down to GND, it is not possible to use the Twin switch.

Please check with a simple test.



Identify the three points of the switch as follows:

- A: First step (focus)
- B: Second step (shutter)
- C: Common pole

You must be able to operate the camera by temporary close A to C for focus and B to C for shutter operation. If your camera works by closing the same points with two diodes connected with cathode to point C, your camera has a common GND pole and the Twin switch can be used.

The two outputs out of the switch use three wires only, as the GND (black wire) is common for the two outputs.

3. Software differences

Please refer to the standard *RC-Switch* user's manual for programming and set-up operation, with the only exception of the 'single' and 'continuous' mode selection.

As in this application the first-step switch can be in 'on' position for long time (continuous mode), the mode selection criteria is reversed.

When you apply power with the control in 'off' position the Switch starts in continuous mode, while if you apply power with the command in 'on' position the single mode is entered.

As in the standard version, the selected function mode is confirmed by the led color at power on:

Red means the selected mode is **continuous**.

Green means the selected mode is **single**

The **auto-on** function can be programmed on both outputs, but can be useful on the second-step only.

4. Program mode start-up

To program the two outputs separately, simply press the pushbutton on **one unit only** and power on the switch, then proceed as described on the manual; at the end switch off, press the pushbutton of the other switch and power on again: the first (already programmed) unit will start working normally, while the second one will enter the programming mode.

As the first unit is now programmed and will react to the input command, you can use its LED to identify the exact trigger point, as a reference for the second output set-up.