

LitSwitch™

FITTING INSTRUCTIONS

Nytoy Ltd

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- Please read all instructions carefully before starting work.
- To prevent electrocution do not work on switches live. Turn OFF the mains supply before commencing work.
- LitSwitch should be installed by a competent person if you have any doubts please consult a qualified electrician.
- If this LitSwitch has a metal front plate it must be earthed.
- Do not exceed the rated current of 6 Amps to prevent fire hazard. (Keep load less than 14 x 100w light bulbs)
- LitSwitches can be used as one-way or two-way switches.

1 WAY is where one switch turns one light ON or OFF.

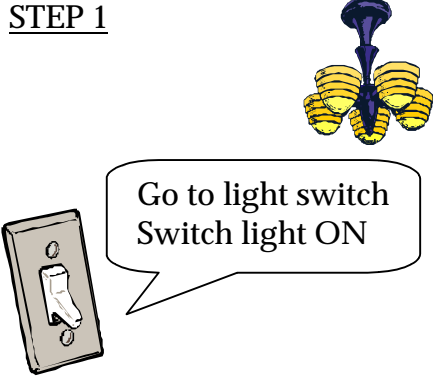
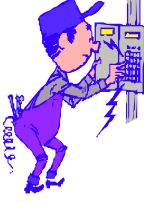
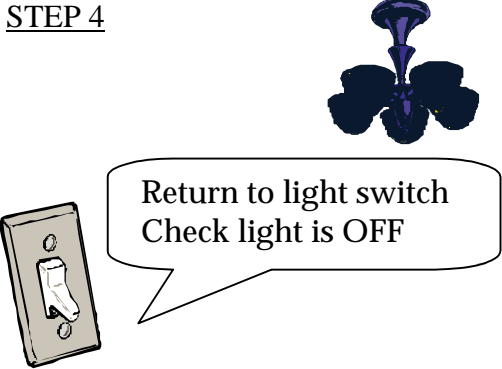
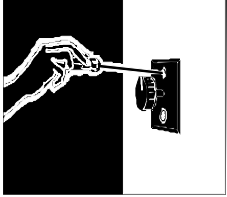
2 WAY is where two switches turn one light ON or OFF.

A downstairs switch and an upstairs switch both controlling a hallway light is an example of two way switching.

A SINGLE (1 Gang) switch has one rocker.

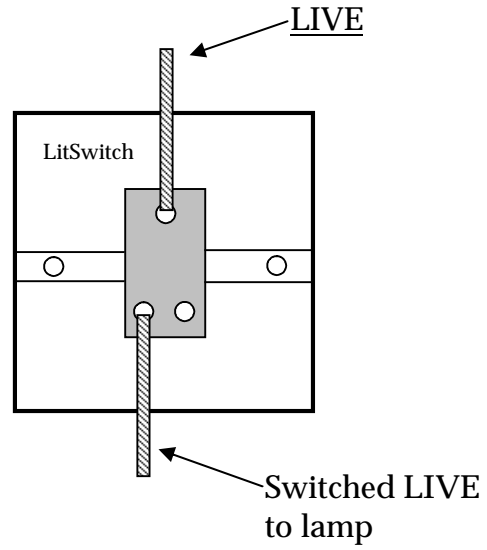
A DOUBLE (2 Gang) switch has two rockers.

- Wiring a double switch is normally repetition of wiring a single switch.
- LitSwitch is compatible with many ENERGY SAVING LAMPS but not all. See website or phone for details.

<p><u>STEP 1</u></p>  <p>Go to light switch Switch light ON</p>	<p><u>STEP 2</u></p>  <p>Go to fuse box Switch mains OFF</p>
<p>Check Light comes ON</p>	<p>For additional safety...</p>
<p><u>STEP 3</u></p> <p>Remove circuit fuse or Switch circuit breaker OFF Add sign 'DO NOT TOUCH'</p>	<p><u>STEP 4</u></p>  <p>Return to light switch Check light is OFF</p>
<p>Make sure no one can accidentally turn power back ON</p>	<p>If light is not OFF proceed no further and contact electrician.</p>
<p><u>STEP 5</u></p> <p>Remove front plate screws</p> 	<p><u>STEP 6</u></p> <p>Terminal names may differ from the LitSwitch COM = COMMON L1 = 1 WAY L2 = 2 WAY Disconnect wires</p>
<p>If switch has a clip-on front plate remove by sliding a screwdriver between plate and main body</p>	<p>It may help to make a sketch of the terminal layout</p>

<p><u>STEP 7</u></p> <p>Unclip fixing screws Add sleeving around insulation (See below) Connect wires to terminals as shown in diagrams on Page 4</p>	<p><u>STEP 8</u></p> <p>For Brass switches connect switch EARTH terminal to metal box EARTH terminal with green/yellow sleeved copper wire</p>										
<p>Ensure wires are firmly connected into terminals</p>	<p>Metal front plates MUST be earthed for safety</p>										
<p><u>STEP 9</u></p> <p>Secure LitSwitch to wall box with fixing screws</p>	<p><u>STEP 10</u></p> <p>Replace fuse Reset circuit breaker Switch mains ON Check LitSwitch operation</p>										
<p>Do not over tighten screws as this may damage the front plate</p>	<p>The LitSwitch rocker glows when the main light is OFF</p>										
<ul style="list-style-type: none"> If the fixing screws are too short use screws from the old switch. 											
<p>All wires in a switch are LIVE or switched LIVE. To indicate this condition you should add a short length of PVC tape around the end of wires according to the guidance in the following table.</p>											
<table border="1"> <thead> <tr> <th>Wire Colours</th> <th>Sleeve</th> </tr> </thead> <tbody> <tr> <td>Red - Black - Copper</td> <td>Black with RED PVC tape</td> </tr> <tr> <td>Red - Yellow - Blue - Copper</td> <td>Yellow and Blue with RED PVC tape</td> </tr> <tr> <td>Brown - Blue - Copper</td> <td>Blue with BROWN PVC tape</td> </tr> <tr> <td>Brown - Black - Grey - Copper</td> <td>Black and Grey with BROWN PVC tape</td> </tr> </tbody> </table>	Wire Colours	Sleeve	Red - Black - Copper	Black with RED PVC tape	Red - Yellow - Blue - Copper	Yellow and Blue with RED PVC tape	Brown - Blue - Copper	Blue with BROWN PVC tape	Brown - Black - Grey - Copper	Black and Grey with BROWN PVC tape	
Wire Colours	Sleeve										
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Brown - Black - Grey - Copper	Black and Grey with BROWN PVC tape										
<p>(This is optional but recommended by the IEE Wiring Regulations)</p>											

1 WAY Switching



2 WAY Switching

