12V DC Professional Grade Wire-In Receiver Instructions

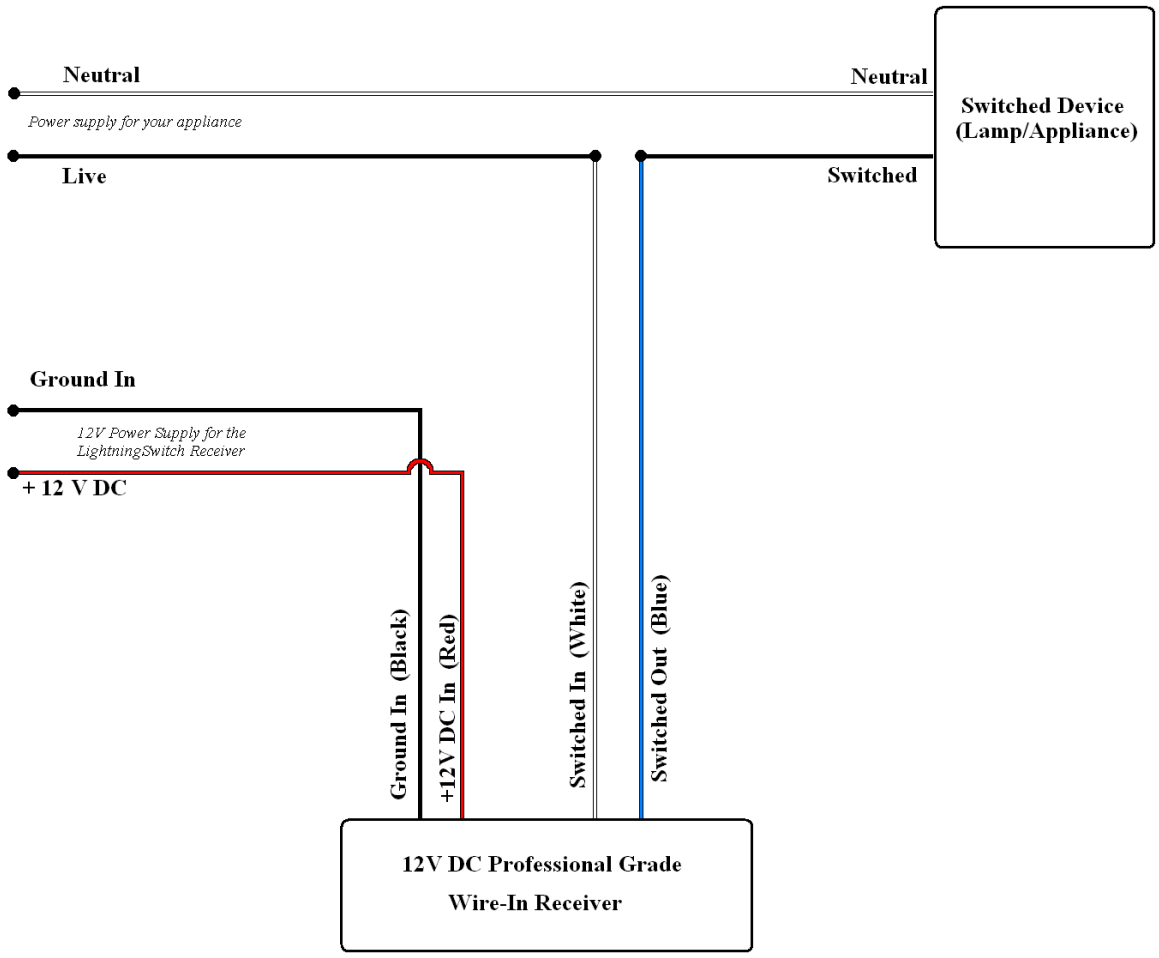
The 12V DC Professional Grade Receiver is technically a "Dry Switch", not a "Power Supply".
To operate properly, it always needs to have 12-14V DC power at its red "+12V DC" wire, and the black "Ground In" wire must be connected to ground. When it is powered this way, it will act as a "Switch" to "Make" or "Break" the switched line.

The line to be switched can carry any voltage up to 250V and should be connected to the white wire that is labeled "Switched In". The blue wire is the "Switched Out" wire.

The diagram pictured below shows how to use the 12V DC Professional Grade Receiver as a "Dry Switch" so it can control or switch a single line. This "switched" line can be any voltage up to 250V, and it can be either AC or DC.

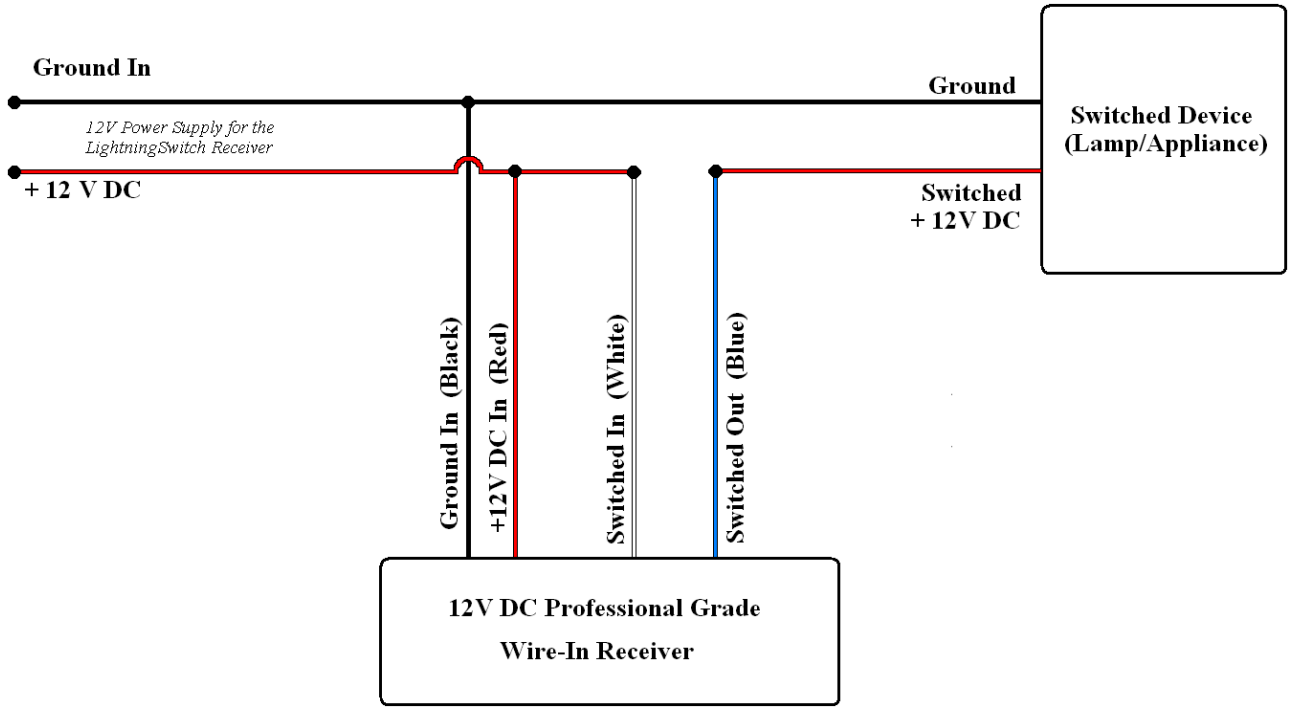
The diagram on the <u>opposite</u> side of this page shows how to use the 12V DC Professional Grade Receiver to control or switch a 12V DC device. This is just a "special case" of the "dry switch".

<u>Wiring Diagram for use as a "Dry Switch"</u>



In the special case where you want to switch 12-14V DC power, (as opposed to any other voltage or AC current) you can wire the 12V DC Professional Grade Receiver as shown below. The 12V DC line to be "Switched" should be connected to the white "Switched In" wire as well as to the red "+12V DC In" wire. The blue "Switched Out" wire and the ground wire should be connected to the appliance you want to control as shown below.

Wiring Diagram for Powering 12V DC Devices



This diagram above *shows how to use the*
12V DC Professional Grade Receiver to control or switch a ***12-14V DC device.***

The diagram on the ***opposite*** *side of this page shows how to use the*
*12V DC Professional Grade Receiver as a "****dry switch****".*