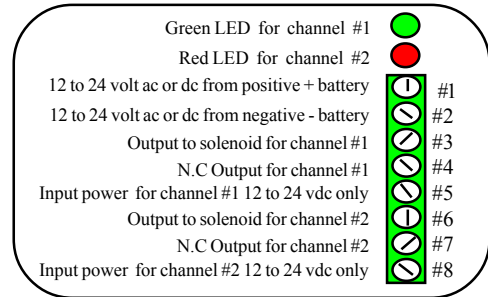


**Wireless remote control System Installation Instructions for Winches**

In Fig 1, there are a series of numbers that will be referenced often in this installation process.

- (1) In Fig 1, #1 on the green terminal strip will need to be wired to the positive + side of a 12 to 24vdc battery.
- (2) In Fig 1, #2 on the green terminal strip will need to be wired to the – negative side of a 12 to 24vdc battery.
- (3) In Fig 1, #3 (NORMALLY OPEN OUTPUT FOR CHANNEL ONE) on the green terminal strip will need to be wired to the winch solenoid used for operating the winch in the “forward position”. This solenoid can be located under a cover in most cases, once finding the solenoid; the connection of the wire is done by loosening the nut on the solenoid and placing the wire from the receiver unit under the nut and tighten it down firmly.
- (4) The terminal #4 (NORMALLY CLOSED OUTPUT) is not used in this procedure.
- (5) #5 terminal on the green terminal strip is the common input for channel one, this connector should be connected to a 12 to 24 volt + positive source, the power that feeds the winch is a good.
- (6) In Fig 1, #6 (NORMALLY OPEN OUTPUT FOR CHANNEL TWO) on the green terminal strip will need to be wired to the winch solenoid used for operating the winch in the “reverse position”. This solenoid can be located under a cover in most cases, once finding the solenoid; the connection of the wire is done by loosening the nut on the solenoid and placing the wire from the receiver unit under the nut and tighten it down firmly.
- (7) The terminal #7 (NORMALLY CLOSED OUTPUT) is not used in this procedure.
- (8) #8 terminal on the green terminal strip is the common input for channel two, this terminal should be connected to a 12 to 24 volt + positive source, the power that feeds the winch is a good.
- (9) Connect the antenna, to the red connector on the end of the black wire located next to terminal #8.
- (10) Check over the unit to make sure it is wired up correctly, then pull out about 5 feet of cable before pressing a button on the remote as not to accidentally pull the cable up in the winch or breaking the hook.
- (11) Take the wireless key chain remote in you`re hand pressing button #1 and then #2 making sure the forward and reverse positions work, if the unit doesn`t operate then it will need to be programmed, look at the diagram on the reverse page for programming instructions.

Fig 1



TR2P-W Specifications	
<b>Caution:</b>	This unit is not to be used in <b>personal lift s.</b>
<b>Operating Frequency:</b>	315 MHz
<b>Operating Voltage:</b>	11 to 24VDC
<b>Operating Distance:</b>	Up to 200 feet (open air)
<b>Operating Temperature:</b>	-20°C to 72°, -4°F to 162°F
<b>Current Drain:</b>	8mA 12VDC @ (standby) 60mA per channel @ 12VDC (activated)
<b>RF Codes:</b>	18 Quintillion
<b>RF Channels:</b>	Two
<b>Number of Stored Transmitter Codes:</b>	15 per channel, 30 per receiver unit
<b>Receiver Outputs:</b>	Two form “C” dry relay contacts ; 6 Amps at 12VDC
<b>Connectors:</b>	8 Quick-connect screw terminals (+, -, with N.O./N.C./Common for channel 1 and N.O./N.C./Common for channel 2)
<b>Size:</b>	3.25” x 2.7” x 1.1” (83 x 68 x 27.5mm)
<b>Weight:</b>	6.1 oz. (116gm.)
<b>Approvals:</b>	FCC