

INSTALLATION INSTRUCTIONS

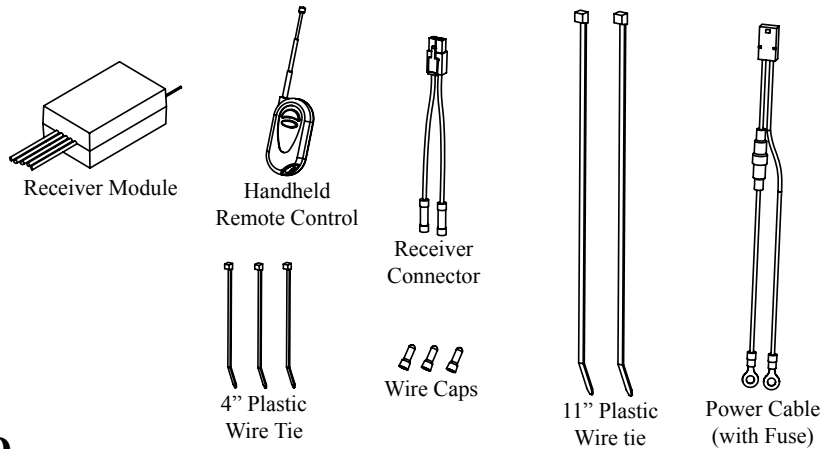
WARNING

BY INSTALLING OR USING THIS PRODUCT YOU AGREE TO OUR "END USER AGREEMENT". IT IS INCLUDED WITH THESE INSTRUCTIONS AND AVAILABLE ON-LINE AT <http://www.3built.com/support.asp>

Performance and range is not guaranteed. Radio frequency interference may be common in some areas. If any doubt of potential injury, do not use. Once installed, to understand how this product functions, test the device by clicking the LOCK and UNLOCK buttons. This product's installation and use is at your own risk.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INCLUDED PARTS



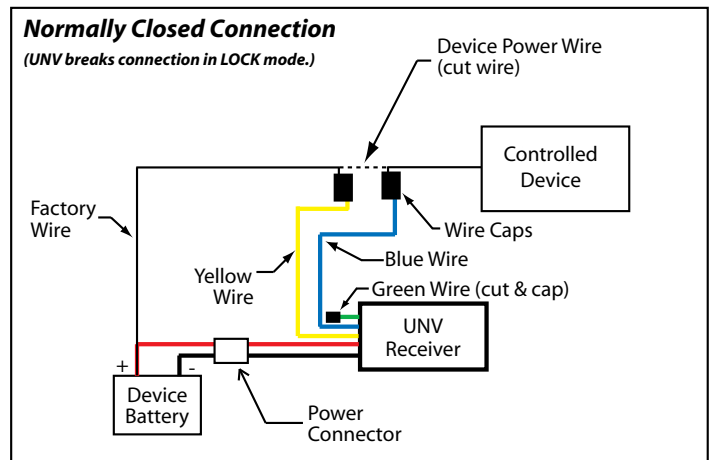
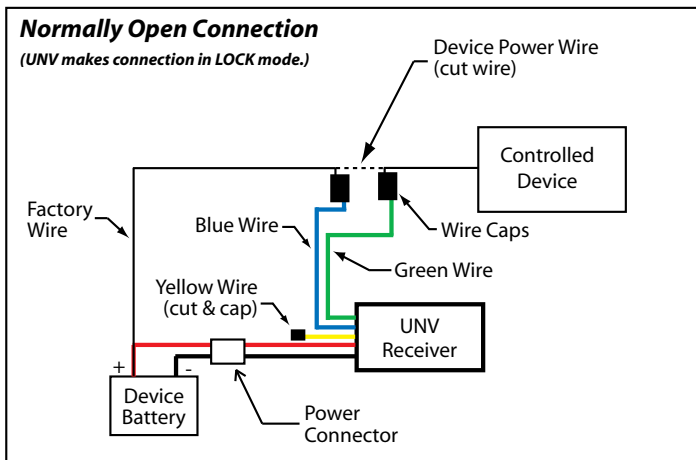
GETTING STARTED

- 1) Installation of this device requires electrical and electronics knowledge.
- 2) You should have a wiring diagram for the device you are connecting to.
- 3) UNV6U can handle 5-7 volts DC. Overvoltage will damage the receiver and void the warranty.
- 4) UNV12U can handle 9-24 volts DC. Overvoltage will damage the receiver and void the warranty.
- 5) UNV can switch up to 10 amperes of power. (High power kits are available at www.3built.com)
- 5) This device is a remotely activated latching switch. The switch can be connected as a normally-open or normally-closed switch.
- 6) DEFINITIONS

UNV - 3Built's Remote Switch kit

Normally-open - means that the switch is open (no connection) when the UNV is in the unlocked mode. This connection type is used to MAKE a connection when the LOCK button is pressed.

Normally-closed - means that the switch is closed (connected) when the UNV is in the unlocked mode. This connection type is used to BREAK a connection when the LOCK button is pressed.





Remote Switch

UNV12U & UNV6U

INSTALLATION

- 1) Find a suitable place to mount the *Receiver Module*. Position it so that it will stay dry. Attach with double sided tape and/or two 11" plastic wire ties (zip ties).
- 2) Attach the Black wire ring terminal on the *Power Cable* to the negative terminal of the battery.
- 3) Attach the Red wire ring terminal on the *Power Cable* to the positive terminal of the battery.
- 4) Plug *Receiver Connector* in to the mating connector on the *Power Cable*
- 5) Route the Black & Red wire from the *Receiver Module* to the *Receiver Connector*. Cut to appropriate length. Strip both wires about 1/4 inch. Crimp black wire on *Receiver Module* to black wire on the *Receiver Connector*. Do the same for the red wire. Use the 4" *Plastic Wire Ties* to secure cable. Additional wire ties may be necessary to keep wire safe. Improperly mounted wires can become damaged and short causing significant damage. Damage may include high heat and/or fire.
- 6) Choose either Normally Open or Normally Closed connection type. **See image on previous page.**
 - 6a) **Normally Open Connection**
 - Yellow Wire** - Cut wire close to *Receiver Module* and use included *Wire Cap* to protect end of wire. This wire will not be used.
 - Blue Wire** - Cut the power wire for the device being controlled and connect one end to the Blue wire.
 - Green Wire** - Attach the other end of the power wire for the device being controlled to the Green wire.
 - 6b) **Normally Closed Connection**
 - Green Wire** - Cut wire close to *Receiver Module* and use included *Wire Cap* to protect end of wire. This wire will not be used.
 - Blue Wire** - Cut the power wire for the device being controlled and connect one end to the Blue wire.
 - Yellow Wire** - Attach the other end of the power wire for the device being controlled to the Green wire
- 7) Once the system is fully installed, press the "Lock" button. A click type sound should be heard from the receiver.
- 8) Unlock the UNV unit by pressing the "UnLock" button.
- 9) The UNV device consumes a small amount of power when it is on and a bit more power when it is in the LOCK state. To avoid draining the battery, we suggest that you disconnect the *Power Cable* connector when not in use.



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