



811LX (With Wire Antenna) / 811F (With Screw-On Antenna)

WIRELESS 1 CH RECEIVER INSTRUCTIONS

WIRING :

- RED** – (+) POWER IN 12-18VDC
- BLUE** – Data Out & Tech Control
- ORANGE** – Normally Closed Relay Contact
- GREEN** – Common Relay Contact
- WHITE** – Normally Open Relay Contact
- BLACK** – (-) POWER IN – GROUND

FREQUENCY : 304 MHz

Connect the power to the **RED** (+) and **BLACK** (-) wires. The alarm contacts are completely isolated from the **RED** and **BLACK** power wires and may be used as any alarm contact for input to an alarm panel, communicator, or control room. If Normally Open Contacts are needed at the control room then use the **GREEN** & **WHITE** wires. If Normally Closed Contacts are needed at the control room then use the **GREEN** & **ORANGE** wires. The 811LX receiver is a remote control switch which is activated by the transmitters.

The **BLUE** wire is a “DATA” output and “CODE ENTER” control line. If you are using extra channel decoders connect the **BLUE** wire to the data input of the decoder(s) Max cable run 20m. If the **BLUE** wire is not used for a multi-channel decoder connect to GROUND (-) when installation is complete.

TRANSMITTER/RECEIVER CODE

The Model 811LX receiver stores the transmitter key codes in an internal memory cell.

The Receiver will not respond to any key code which is not stored in memory. The receiver can store in memory up to 60 different key codes for different transmitters.

TO ADD A TRANSMITTER

To add a transmitter remove the plastic cap covering the “TEACH” button and at the same time activate the transmitter you wish to add. When the receiver activates the new code is loaded. The TEACH function can also be activated by connecting the **BLUE** wire to (+) 12V

*WHEN THE **BLUE** WIRE IS CONNECTED TO THE (+) OR THE TEACH SWITCH IS ACTIVATED WHILE TURNING THE RECEIVER POWER FROM OFF TO ON THE ENTIRE CONTENTS OF THE RECEIVER MEMORY IS CLEARED AND MUST BE RELOADED.*

***LOW BATTERY OUTPUT :** The wire tab connector is a low battery indicator output. All transmitters (WW-101, PD-102W, DW-101A, etc) send the battery status each time they are activated. If a transmitter is loaded into the receiver memory and the battery is low the low battery output will switch to ground (-) at the same time the receiver is activated. There is a 220 ohm resistor in line with the output for short circuit protection.