



## Programming/Operating Instructions for RF 120V-4 Remote Control Transmitter and Receiver

### **Programming instructions:**

Each transmitter has its own unique internal address that is transmitted whenever a button is pressed. The receiver needs to be programmed to respond only to transmitters it is intended to operate with. The following steps configure the receiver to operate with a particular transmitter(s). Up to thirty transmitters can be programmed to one receiver. Please read the entire programming procedure before starting. Prior to programming the receiver, verify that the receiver is connected to the input power. When the receiver enters program mode, all previous transmitter addresses that were programmed will be erased from the receiver's memory.

1. Locate the pushbutton labeled "PROGRAM" on the receiver. Press and hold this button until the red LED next to the program button illuminates (approximately 5 seconds). The receiver is now in the transmitter program mode. Release the pushbutton. At this point all previously programmed transmitter addresses are erased from the receiver's memory.
2. Press and release any button on the transmitter and verify that the red LED on the receiver extinguishes and then illuminates (blinks once).
3. Repeat previous step for additional transmitters that will operate with this particular receiver. The red LED on the receiver will extinguish and illuminate one time for the first transmitter being programmed, twice for the second, three times for the third, four times for the fourth etc. The receiver will not respond to transmitters that have already been programmed.
4. After 5-seconds of no switch being pressed on the transmitter(s) the receiver will return to normal operation. The red LED on the receiver will blink rapidly, then extinguish. The receiver is now in the normal mode of operation. This completes the programming instructions. The receiver will retain all of its programming even when power is removed.

### **Operating Instructions:**

The remote control provides four independent 120 VAC outputs. Input power to the receiver is 120 VAC, single-phase 60Hz. The 4 switched outputs provide LINE voltage to the loads and the neutral should be connected to the other side of the loads. The maximum current rating of all 4-outputs is 20-amperes.

Each output can be configured for either latching or momentary by configuring the corresponding DIP switches on the receiver. Selecting momentary output provides the 120 VAC output for as long as the transmitter "ON" switch is held down. Latching outputs will turn on the 120 VAC output when the transmitter "ON" switch is pressed and released, and the output can be turned off by pressing and releasing the corresponding "OFF" switch on the transmitter.

The receiver has a terminal block for connecting auxiliary switches inputs for manual control of each output. The manual switches used should be momentary so the RF transmitter and switches will turn on/off each output. Note the auxiliary switch inputs are isolated from the line voltage.



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