

TROUBLE SHOOTING

WARNING READ THIS BEFORE YOU INSTALL THE UNIT

ALL UNITS ARE RE-TESTED THE DAY THEY ARE SHIPPED. IF THEY WORK HERE THEY WILL WORK WHEN YOU GET THEM.

WE HIGHLY RECOMMEND THE USE OF DIODES OR FUSES ON YOUR RECEIVER WIRES TO PREVENT ANY BACK FEEDING FROM DEVICES THAT THE RECEIVER WILL BE CONNECTED TO. IF POWER IS BACKFED INTO THE RECEIVER IT WILL BURN OUT ONE OR MORE FUNCTIONS IF NOT INSTANTLY OVER TIME. IF YOU CREATE A SHORT YOU WILL BURN OUT ONE OR MORE FUNCTIONS. RECEIVERS CANNOT BE REPAIRED AS THEY ARE POTTED. **WE WILL NOT COVER ANY RECEIVERS THAT HAVE BURNT OUT CIRCUITS, TAMPERED RECEIVERS OR TRANSMITTERS THAT HAVE BROKEN BATTERY HOLDERS.** THERE ARE HUNDREDS OF APPLICATIONS FOR THESE UNITS. WE DO NOT PROVIDE APPLICATION DIRECTIONS. IF YOU ARE UNSURE HOW TO MAKE THE WIRELESS UNIT WORK WITH YOUR APPLICATION SEEK THE ASSISTANCE OF SOMEONE THAT IS.

Follow these steps:

- Make sure the components you are connecting the wireless unit to are operating properly and not froze up, wiring connections are clean and secure...
- Check for clean power and ground of receiver. Power and ground should come directly from the battery.
- Check the equipment that the wireless unit is attached to. This includes electrical connections wiring, fuses, free operation of attached components ...
- Check for secure wiring connections.
- With the receiver powered up, make sure the red LED on the receiver comes on when the buttons are depressed on the Transmitter. If the red LED does not come on, the receiver is not getting a signal from the transmitter. Check battery's and orientation. Then reprogram
- After completing the above steps and the unit still will not function, follow the procedure, **Set-up of Transmitter to Base unit below.**
- If the unit still will not operate. Check connections to the component that the unit is trying to activate using a voltmeter.
- Control trouble shooting, red light blinks dim on receiver, bad power or ground being supplied to unit
- Spreader works when empty but not when full- Power wire being supplied for spreader is to small use at least a 8 gauge wire

Set-up of transmitter to base unit. FOR ALL SMALL KEYFOB TYPE TRANSMITTERS

Please follow these steps

- Remove cover and Power up the base unit (note you must be withing a few feet from the base unit receiver when programming)
- On the backside of the 8 button transmitter. Find the programming hole. Using a paperclip gently depress the small black button inside and release. (if working properly a blue light in the transmitter will blink)
- Flip the transmitter over and push each button individually to send the address to the receiver / base unit.
- **THEN WAIT UNTIL THE BLUE LIGHT STOPS BLINKING AND PROCEED.**
- Go to the receiver / base unit and push and release the black learn address button next to the LED. The red LED will begin to flash
- Again push each button on the transmitter (one at a time) to save that unique address.
- Push the black button on the receiver / base unit to end the programming mode and the red LED will stop flashing. Or the light will go out by itself in approx. 15 seconds.

Your Controller is now ready for use.

Battery Replacement

The transmitter uses a standard lithium button cell battery. In normal use it will provide 1 to 2 years of operation. To replace the battery, gently pry the battery cover off. Remove the battery by sliding it out from underneath the retainer. Observe the battery polarity when replacing. Once the battery is replaced, repeat the above steps to set a new address between the transmitter and the receiver / base unit.

Medium red cased transmitters. Make sure the switch on the transmitter is on.

Verify with transmitter on that each button when depressed actuates the left red led on the transmitter. Then verify with the transmitter on and the receiver powered up that the red light in the receiver comes on when each button is depressed. From this point you will want to check connections and the motors of the spreader. Then try reprogramming. If this still fails to operate then try a hard reset of the receiver by when powered up press and hold the black button in the receiver until the light goes off or blinks (hold down about 15 seconds)

If the problems still exist then disconnect motors from receiver and test for voltage at green and yellow wires when operating a function. If no voltage then the receiver is more than likely fried and needs replacement. You will want to check your motors and vibrators for excessive draw or shorts in any wiring. All connections must be clean, Must have 12 volts at the truck plug and nothing less.

Other Considerations

Only one transmitter at a time can be activated within a reception area. Only one carrier of a particular frequency may occupy the same airspace at a given time. This means that if two transmitters are activated in the same area at the same time the signals will interfere and the decoder on the receiver will not see a valid transmission and the RF-500 will not function.

More info: see www.controlallwireless.com or email sales@controlallwireless.com