

New Gas Spreader Remote Kit With Built in Relay and On/Off Switch

NOTE: Read all directions first before continuing. See quick programming guide for initial sync.

IMPORTANT INFORMATION BEFORE INSTALLATION

NOTE FOR SWENSON AND MEYER GAS SPREADERS THIS IS A DIRECT PLUG AND PLAY SYSTEM> ALL YOU NEED TO DO IS FIND THE MATING PLUG TO THIS UNIT AND PLUG INTO THE SPREADER HARNESS, PROGRAM THE TRANSMITTER TO THE RECEIVER AND YOU ARE SET TO GO. THE REST OF THE DIRECTIONS ARE FOR INFORMATION OLNLY

- If the engine does not have a voltage regulator on it, at no time should the battery cables be disconnected or jumper cables, chargers, etc., be used while hooked up to the remote unit. If the battery cables become disconnected, the engine will send over 60 Volts to the receiver unit and burn the box out. This will void your 90-day warranty.
- No warranty on burnt circuit boards.
- Never jump or charge the vehicle's battery, which is supplying power to the receiver without first disconnecting the power wire. Failure to do this will damage the receiver unit and void your warranty.
- Do not bypass the built in relay for any reason.
- Use a 10-Amp in-Line fuse on the red power wire. Use the same gauge of wire.
- Always use a test light to locate the proper OEM wires for connection to our wireless controller kit.
- Make sure you have a secure and clean connection on all wires you install. Do not hook up any other accessory to the remotes power and ground wires.
- This unit will replace your OEM controller. Before installing, locate and be familiar with the original equipment wiring to assist in where to attach the wires from our wireless controller kit.

Gas Spreader Wireless Controller Kit Includes

- 1 wireless receiver box base unit
- 1 wireless REMOTE
- 1 clutch relay socket with relay built in
- Fuse link with 10amp fuse

VIEW TYPICAL WIRING INSTRUCTIONS FOR THE GAS SPREADER ON THE LAST PAGE

Learn address from transmitter button

LED

Switch



MT-8 Wireless Transmitter

The MT-8 wireless transmitter is 2.87" x 4.65" in size. This industrial unit can be mated with Control All Wireless's current lineup of wireless receivers. All MT-8 transmitters come from the factory with a pre-install address (1 in 16 million). The MT-8 will transmit up to 8 individual signals to the wireless receiver using buttons 1 thru 8.

Button Indicator LED.

This LED will light up when you press any of the 8 buttons, and go off when you release the button. If the LED doesn't light up the MT-8 will still work but it's time to change batteries



Programming indicator LED.

This LED will light up for 15 seconds after you press the programming button on the back and will go out on its own.

Programming

- Turn on the transmitter by toggling the switch on top to the right
- Make sure receiver has power and the cover of the receiver is off. You can test if the receiver has power by depressing the black button inside. The right red led will begin to flash if power is present. Wait until the light goes out before continuing with programming.
- You will want to program the MT-8 remote within a couple feet of the receiver
- MT-8 programming hole is found on backside of MT-8
- Using a paperclip carefully depress the button through the hole on the backside of the MT-8
- Flip the MT-8 over and you will see a red LED flashing on the upper right side of the transmitter. While the LED is flashing, push and release each of the 8 buttons one at a time.
- LED will stop flashing after 15 seconds of pushing programming button. Wait until the light quits flashing before continuing.
- Next depress the black button inside the receiver. The receiver led will begin to flash. Again depress each button one at a time on the transmitter. When finished wait until the receiver light stops blinking. You are now programmed test all functions. Note if a function seems to be missing. Reprogram.



Programming Hole

Battery Cover

Battery Replacement

The MT-8 uses 2 standard Alkaline AA batteries. If the MT-8 is going to be used in below 0 Fahrenheit conditions, we recommend changing the batteries to Lithium. In normal use it will provide 1 to 2 years of operation. To replace the battery, remove the cover on backside of MT-8. Observe the battery polarity when replacing.

In rare instances the batteries may lose connection with the terminals and need to be rolled.



TYPICAL GAS SPREADER WIRING INSTRUCTIONS

FROM WIRELESS	TO SPREADER
Green Wire	Brown throttle down (throttle control)
Blue Wire	Red throttle up and choke (throttle control)
Orange Wire	Black wire from magneto (kill switch)
Black Wire	Goes to battery ground
Red Wire	Goes to battery positive
Yellow Wire	Goes to clutch/conveyor
Brown Wire	Goes to small post of starter solenoid

❖ NOTE: Other small post of solenoid is typically going to ground.

Before permanently mounting the receiver, locate a mounting spot for the receiver on the driver's side of the spreader outside the engine compartment. Test the unit from the cab of your vehicle to ensure operation before permanently mounting the unit. Use rubber washers if bolting the unit down. Use anti-seize on the receiver cover screws.

It is very important that when the unit is not in use that the power is disconnected

- Yellow wire is activated by button #1 Latch/Unlatch – Clutch conveyor/spinner On/Off (L).
 - This will run through the built in relay 
- Blue wire is activated by button #3 throttle control (throttle up) “rabbit” button
- Green wire is activated by button #4 throttle control (throttle down) “turtle” button
- Brown wire is activated by button #5 momentary engine start left of stop button
- Orange wire is activated by button #6 momentary to ground/kill motor (stop) button 
- Red wire is DC power supply, Black wire is DC ground
- Use the on/off switch to turn the receiver off and on.
 - When switch is “in”, it’s on. When switch is “out”, it’s off.
 - If the unit is left on and unattended for a long length of time, it will discharge the power source.

WARRANTY INFORMATION

- 1-year warranty on wireless receiver and wireless transmitter. See specific wireless warranty on the website for in depth details.
- Check online for any updated directions at <https://www.controlallwireless.com>
- User must maintain good, clean and properly connected connections in order for proper operation and to avoid damage to the receiver as well as possibly voiding the warranty. It is recommended that you use a battery disconnect when the unit is not in use, as continuous powered wiring will enhance corrosion of wiring.

We have no control over the end user’s method used to install our wireless controllers. For any warranty consideration, all units must be sent back for inspection and testing. Burnt boards or any modification of factory wires of any type means that failure to follow proper installation has occurred. With electronics, care needs to be taken and directions need to be followed in order to keep your warranty in tact.