

WIRELESS TRANSMITTER PROGRAMMING

DownEaster ✱

Wireless Controller for gas spreaders

Operating instructions:

1. Open fuel shut *off* valve, on engine.

Move Wireless Control Box ON/OFF switch, to the **ON** position.

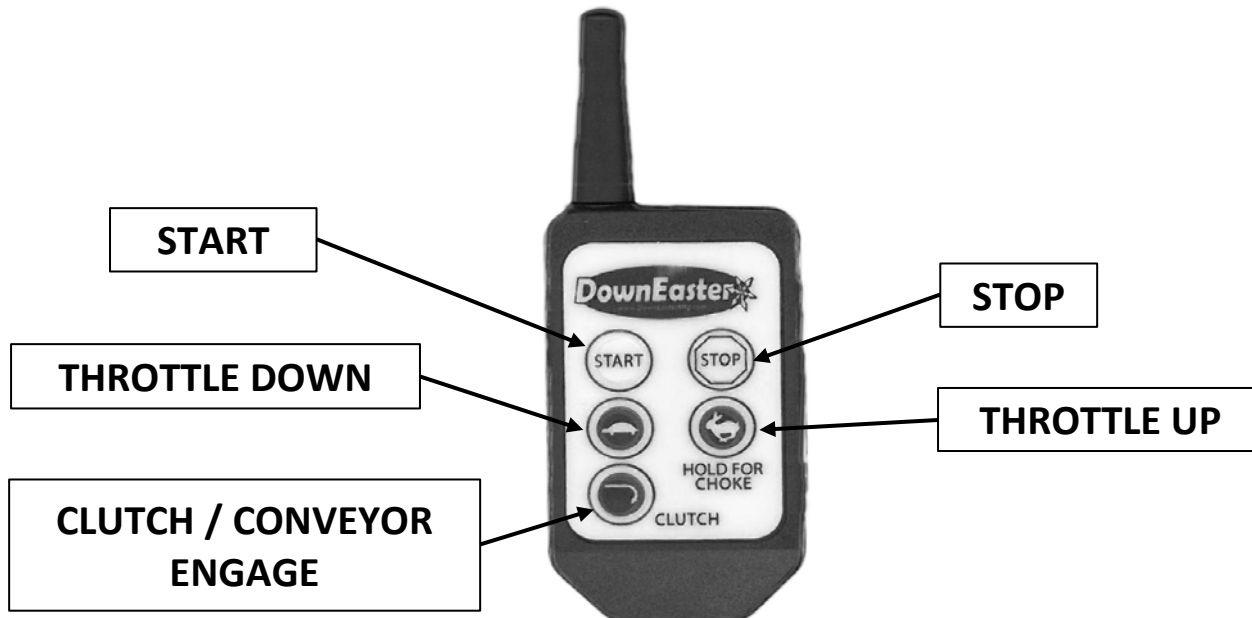
(NOTE: When the spreader is not in use, ensure that this switch is in the **OFF** position. Keeping this switch in the OFF position will avoid any risk of accidental operation and will avoid unnecessarily draining the spreader's battery.)

2. Depress the Throttle *UP* button and hold until Choke Indicator Light on spreader turns on. (Choking a warm engine may not be necessary.)

Depress the Start button and hold until the engine starts.

Press the Throttle *DOWN* button to decrease the throttle speed; this will turn off the choke. Adjust the engine speed down to idle by pressing and holding the throttle *DOWN* button.

6. ***WARNING: Ensure that the spread area is clear of people and objects that could be damaged prior to engaging the conveyor!***
In order to engage the conveyor and spinner, press the Conveyor/Clutch button.
7. Adjust the conveyor and spinner speed as appropriate, using the Throttle UP and Throttle DOWN buttons. ***(Do not hold the Throttle UP button once the desired RPM level is achieved or you will choke and stall the engine.)***
8. In order to disengage the conveyor and spinner, press the Conveyor/Clutch button.
9. To turn off the engine, press and hold the Throttle DOWN button to move the engine to idle speed, then press and hold the Stop button until engine has turned off completely.



Trouble shooting Wireless Control system

If Transmitter is not communicating with the wireless control box.

1. Ensure the wireless control box On / Off switch is properly connected and is in the on position.
2. Check or replace battery in transmitter. (See Battery Replacement section for more information.)
3. Remove cover from Wireless Control Box and press any button on the transmitter; red LED in Wireless Control Box should light. If red LED does not light:
 - a. Check battery connections in spreader to ensure that Wireless Control Box is getting power;
 - b. Check to make sure that spreader battery is fully charged; Wireless Control box will operate correctly if battery voltage is too low.
 - c. Reprogram Transmitter to Wireless Control Box. (See Programming instructions section for more information.)
4. If red LED lights when Transmitter button is pressed, then the Transmitter and Wireless Control Box are communicating properly.
 - a. Check connections in Wireless Control Box wire harness to insure that they haven't come loose.
 - b. Check spreader battery connections to make sure they are clean and secure.
 - c. Follow spreader troubleshooting steps as described in the spreader manual.

Programming instructions

The remote control Transmitter has been preprogrammed at the factory to communicate with the Wireless Control Box. Reprogramming should only be required in order to use a second Transmitter or if you replace the battery in the Transmitter.

Programming instructions are shown below.

1. Turn ON the Wireless Control Box.
2. Using a paperclip, depress the recessed button on the rear of the Transmitter. (If working properly, a blue LED above the button will begin to blink)
3. Push each button on the Transmitter individually to send the address to the Wireless Control Box.
4. Wait until the blue LED stops blinking before proceeding.
5. Take the *cover* off of the Wireless Control Box and push the "learn address" button inside. (If working properly, the red LED will begin to blink.)
6. Push each button on the Transmitter individually. Save that unique address.
7. Push the learn address button to end the programming mode. (The red LED will stop blinking.)

Transmitter and Wireless Control Box are now programmed and ready for use.

Battery Replacement

The Transmitter uses a standard lithium button cell battery:

3VCR2032.

To replace the battery, gently pry the battery cover off. Remove the battery by sliding it out from under the retainer clip. Observe the proper polarity when inserting the replacement battery. Once the battery is replaced, programming will be necessary. Refer to Programming Instructions section.

