

Explosion Proof Wireless Signal Transceiver Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. IMPROPER USE OF THIS DEVICE CAN LEAD TO SERIOUS INJURIES OR DEATH TO PERSONNEL.

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. IF PROPER INSTALLATION PROCEDURES ARE NOT FOLLOWED EXACTLY, THE TRANSCEIVER MAY NOT BE SUITABLE FOR THE HAZARDOUS LOCATION INVOLVED.

PERIODIC INSPECTION OF THE TRANSCEIVER IS NECESSARY.

THE LENS AND ENCLOSURE MUST BE ROUTINELY CHECKED FOR, BREAKS, OR ANY SEVERE ABRASIONS. IF GLASS BECOMES SCRATCHED OR CHIPPED IT SHOULD BE REPLACED IMMEDIATELY.

INSTALLATION

1. When mounting, choose a suitable location that can support the load within working distance of the wireless device. 3/8"-16 or 3/8"-24 bolts are recommended for mounting the transceiver with a minimum bolt length of 1/4" depending on the location.
2. This device is powered via an internal battery and requires no additional wiring.

OPERATION

1. Press the button on top of the enclosure for controlling wireless devices. If the remote doesn't work, ensure you are within operating distance of the receiving device or check batteries. Ensure receiving device is powered on.



BATTERY REPLACEMENT

WARNING: DO NOT OPEN THE WIRELESS TRANSCEIVER INSIDE THE HAZARDOUS AREA!

1. Place the remote control with the glass lens facing up.
2. Loosen the set screw and unscrew the lens of the enclosure.
3. Once inside, remove the old battery.
4. Insert a new battery with the correct polarity.
5. Test the remote.
6. Close the unit tightly to maintain explosion proof rating!

REMOTE PROGRAMMING

The programmable remote is capable of 2187 different channels. This feature allows you the freedom to change the channel selection, and the receiver re-learns the new selection. It is not necessary to re-program the transmitter, unless you experience outside interference. To program transmitter:

1. **IMPORTANT:** Disconnect power.
2. Place the remote control with the glass lens facing up.
3. Loosen the set screw and unscrew the lens of the enclosure.
4. Remove batteries.
5. Set the 7 dip switches to a selection of your choice. There are 3 positions on each; positive, negative and neutral. Use a small screwdriver and select a position for each dip switch. *Please note that the orientation of the +/- switch positions may vary among different models of wireless remote controls.
6. Insert batteries. Be sure batteries have adequate charge.

7. Replace glass lens.
8. Depress the on/off button and hold it down. Red LED will light.
9. While holding the on/off button down, reinstall the power to receiving device.
10. Keep on/off button depressed for 5-6 seconds, and then release. The device should now be programmed.

MAINTENANCE:

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basic, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

WARNING: IF ANY PARTS OF THE WIRELESS TRANSCIEVER APPEAR TO BE MISSING, BROKEN, OR SHOW SIGNS OR DAMAGE, DISCONTINUE USE IMMEDIATELY. REPLACE WITH THE PROPER REPLACEMENT PART(S) BEFORE CONTINUING SERVICE.

USE AND CARE

Unauthorized modification may impair the function and/or safety of the transceiver and could affect the life of the equipment. Always check damaged or worn out parts before using the unit. When transceiver is not in use, store it in a secure place. Inspect for good working condition prior to storage and before re-use.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.