

WIRELESS REMOTE CONTROL for ROCK ELECTRIC WINCH

- * Voltage-12V/24V (receiver)
- * Frequency-315 mHz (433mHz is available)
- * FCC IDENTIFIER: 2ANRDFEWL2-1
- * FCC RULE PARTS: 15.231
- * Operating ambient temperature:
- 40 ~ + 80 °C
- * IP rating: IP67

FEATURES:

1. Waterproof
2. Power-IN and power-OUT control.
3. Remote range up to 15 meters.
4. Better line-of sight during recovery operations enables you standing on a safer position.
5. Somatological design makes operation soft and easy.

INSTALLATION:

1. Disconnect power to the winch.
2. Mount the Receiver on to the vehicle properly.
3. For winches with load capacity 5000 lbs and below:
Connect the Receiver to the Solenoid through Wire Connector as shown on fig.1.

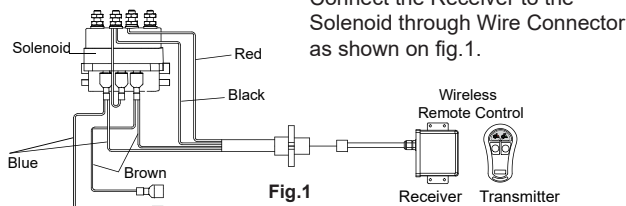


Fig.1

4. For winches with load capacity above 5000 lbs:
Connect the Receiver to the Solenoid through Wire Connector as shown on fig.2.
5. Reconnect power to the winch.
6. Turn the winch clutch handle to Free-spool position and pull out the steel cable/wire rope about 3 meters long laying loosely on the ground. Stay clear of the steel cable/wire rope and hook.
7. Reengage the winch clutch handle.
8. Activate Remote Transmitter by pressing and holding both IN and OUT buttons on the Transmitter simultaneously for 3 seconds till the red LED lights up and stays on.

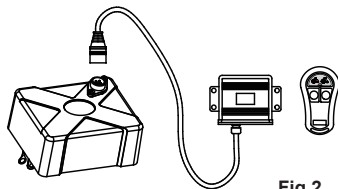


Fig.2

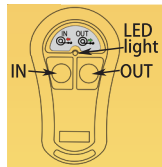


Fig.3

9. Press the "OUT" or "IN" button on the Transmitter. Watch the steel cable/wire rope feeding out or retracting in accordingly.
10. If the steel cable/wire rope movement does not match "OUT" or "IN" action on Transmitter, check and correct winch wiring. Make test again after correction.

11. If the Transmitter operates the winch in correct direction, the winch is ready for use.

OPERATION:

1. Activate the Transmitter(Refer to above Installation 1-9).
2. Press IN or OUT button to power in or power out as operation required.
3. Deactivate Wireless Remote Control by pressing and holding both IN and OUT button simultaneously for 3-5 seconds till the red LED in Remote Controller turns off.

NOTICE:

1. Remote Control can automatically turn off in 3 minutes standby.
2. Environmental interference

The remote control distance can be varied due to possible variation of environmental interference in winching operation.

REPLACE BATTERY in Transmitter

If LED light on Transmitter flashes during operation, the battery is low and should be replaced(Fig.3)

1. Remove the 2 screws from the Remote Transmitter.
2. Separate the top and bottom covers of the Remote Transmitter.
3. Replace the old battery with a new one.
Battery : DC12V/23A
4. Join the top and bottom covers with the rubber seal sitting between properly.
5. Secure the Remote with two screws.



Program Receiver to a replacement Transmitter

Remote Transmitter is programmed in the factory to communicate with Remote Receiver. Under normal circumstances, programming is not necessary unless a Remote Transmitter has to be replaced.

1st step: Activate new Remote Transmitter,
(Refer to Installation 1-8 above)

2nd step: Press and hold IN and OUT Button on new Transmitter for 5-8 seconds till LED lights on and the winch reacts. Now new program is set up.

NOTICE:

1. Programming should be fulfilled within 1 minute. Otherwise the programming has to be restarted following the procedure described above.
2. Transmitter can automatically power off in 3 minutes if there is no operation.

WARNING

1. This Remote Control is used for vehicle mounted recovery winches only. Do not use for any other application.
2. Read this manual and winch operation manual before use.
3. After use, disconnect the winch from power to prevent accidental operation.
4. To prevent fire, replace fuse only with fast acting 8 amp fuse(Fig.4)



Fig.4

Fuse 8am.

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