

Thank you for buying a genuine **WINCHMAX** wireless remote control kit. This should provide many years of trouble free operation, however it is essential that it is correctly installed otherwise irreparable damage to the micro circuitry/contactors will be caused.

IMPORTANT

PLEASE READ AND UNDERSTAND THIS ENTIRE MANUAL BEFORE INSTALLING OR OPERATING THIS PRODUCT – FAILURE TO DO SO COULD RESULT IN DAMAGE TO PROPERTY, SERIOUS INJURY OR DEATH. UNDERTAKE A FULL SAFETY CHECK AND RISK ASSESSMENT BEFORE EACH USE.

PLEASE CHECK THAT THE CONTROL BOX YOU HAVE BOUGHT IS THE SAME VOLTAGE AS YOUR WINCH 12V/24V (AND THE VEHICLE IT IS BEING INSTALLED ON). ONCE INSTALLED/USED IT CANNOT BE RETURNED FOR A REFUND.

GETTING STARTED

- **Warning:** to prevent damage or injury in the case of unintended operation always electrically isolate any equipment when not in use.
- Please note that this remote control box has been fully tested before being despatched and is in full working order.
- As the most common cause of damage is incorrect wiring we ask our customers to test the unit themselves before installation and report any problem at that time
- If the unit is damaged as a result of incorrect installation we cannot be held responsible for the damaged caused.

If you would like help or have any questions about the correct wiring please get in touch as below. If in doubt, **Do not attempt connection** before checking with us.

- **Tel:** +44 (0) 1986 899 264 (English Only)
- **Email:** support@winchmax.co.uk (All languages).
- **Whats App:** +44 (0) 7563 284 861 Text/pics/videos Only. (All languages)



KEYHOLE STYLE REMOTES:

- To power on the transmitter hold down the central buttons for approximately 3 seconds until either the wired or wireless light illuminates.
- A short press on the central button will change between wired/wireless modes.
- The large IN/OUT rocker switch will activate the winch motor.
- Repeat the above procedure to turn off manually.
- If the transmitters are left on and unused for approximately 5 minutes they will auto power-off to preserve the battery.
- If the power light fails to illuminate or becomes weak, please replace the batteries. Each transmitter contains 2 no. CR2032 (3V) button cells
- Always keep the wireless transmitters safe and dry and protect from unauthorized/accidental operation.

WIRELESS REMOTE CONTROL BOX CONNECTIONS.

Note: The solenoid, wireless receiver unit and wander lead socket are pre-fitted into the control box. The only connections that need to be made are to the winch motor and the battery.

The basic principle of operation is that once connected to a power supply, the two output wires of the receiver will go to the supply voltage (12v or 24v depending on the model) when the corresponding button on the transmitter (hand set) is pressed.

The output can then be used to operate the trigger terminals on a secondary contactor (solenoid) to switch the main load (e.g. a Winch). The outputs **MUST NEVER** be connected to earth as otherwise they will short circuit and burn out.

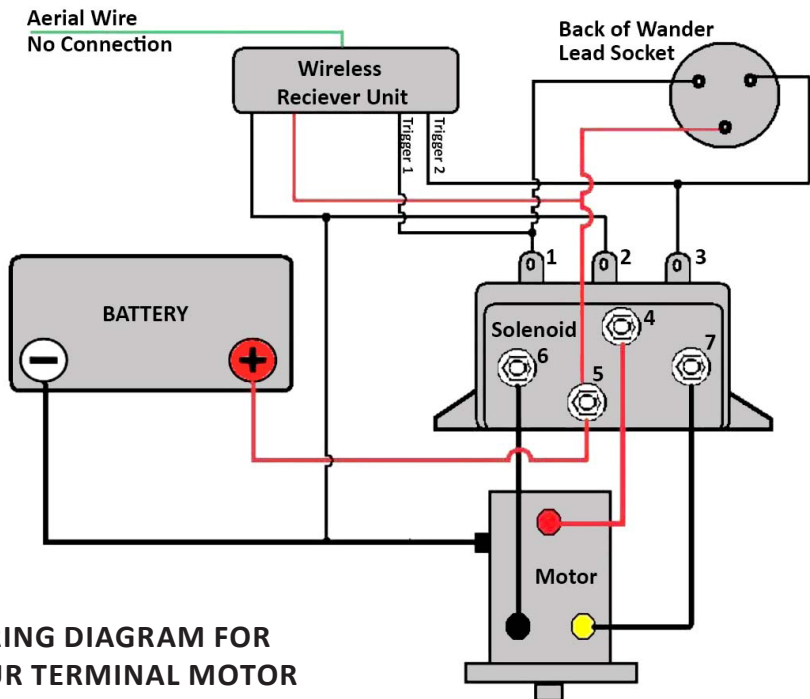
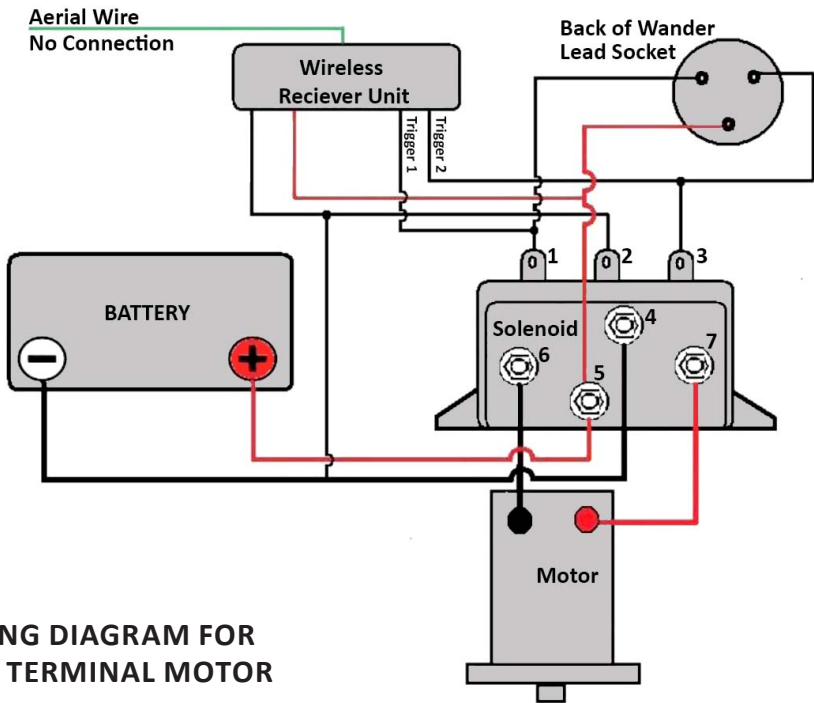
If you have any doubt about which are the trigger terminals on your solenoid, first check by using a thin piece of wire connected to the positive supply, when you apply it to one of the solenoid trigger terminals the winch should run in one direction, if you apply it to the trigger terminal it should operate in the opposite direction.

In most cases winches are fitted with a plug in wander lead, at the back of the wander lead socket you will see three wires. One of the wires is the positive feed to the wander lead switch, depending on which way the switch is pressed this feed will then be diverted down one of the other two wires (the output wires) which will in turn be connected to the trigger terminal of the solenoid.

There are many different types of control configurations, but if you understand the basic principle of operation this should allow you to apply it to whichever set you have. The diagrams on the next page show examples of how to connect the control box to a two terminal and a four terminal motor. In our diagram trigger terminals on the solenoid are labelled as '1' & '3' but if you have any doubt as to how you should connect your remote please contact us.

Solenoid function:

- Terminal 2 is the earth supply to the solenoid.
- Energise terminal 1 = 5 connects to 6 & 4 connects to 7
- Energise terminal 3 = 5 connects to 7 & 4 connects to 6
- No input (at rest) = 6, 7 & 4 connected. 5 open circuit (no connection)





Customer Support

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WARRANTY

This product is covered by a limited RTB (return to base) warranty for a period of 12months. In the case of product failure, please return to Winchmax UK ensuring that you enclose proof of purchase and full contact details. Once the item has been inspected we will contact you to report our findings and if failure is dues to manufacturing defect we will repair or replace the item at our discretion. Winchmax UK cannot be held responsible for any consequential loss or damage due to the failure of this device.

WINCHMAX LTD

The Powerhouse, Earsham Hall,
Bungay, Suffolk, NR3452AN. UK.

Company Registration: 04083040 | VAT: 765658285 | EORI: GB765658285000