REMOCON

Radio Control
Wiring Instructions

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3. Wiring to old two-wire (Bell-push or Keyswitch circuit only) operators.

- Using a suitable power supply (transformer) or if you are suitably qualified find a 24-volt D.C. supply, if available, from within the operator motor housing.

- Connect the Red to the positive and the Black wire to the negative connection of the 24-volt D.C supply seconds, double-checking that the polarity is correct.

- Next connect the two yellow wires to the two terminals to which the bell push and/or keyswitch are wired. The polarity of the Yellow wires is not important.

- Test for operation using the handset - you should now have a remote controlled operator.

4. Custom use on remote controlled lighting etc.

- Using a suitable 24-volt D.C. powered latching mains relay board, which is available to special order; it is possible to operate mains powered security or other external lighting by remote control. Wiring must be carried out in accordance with the instructions supplied with the mains relay board.

- Connect the Red wire to the positive and the Black wire to the negative terminals on the mains relay board that provide the 24-volt D.C supply, double checking that the polarity is correct.

- Next connect the two yellow wires to the appropriate volt free terminals on the latching relay, ignoring polarity, as it is not important.

- Now wire up the mains input and output in accordance with the supplier's instructions.

- Test for operation using the handset and you should now have remote controlled lighting.

Coding Instructions

Remocon radio control sets are supplied pre-coded and tested. If your handset has been lost or stolen, it is advisable to delete the code on the receiver and generate a new code for all existing handsets and any replacements - Follow coding method "A".

If you are simply adding another handset - Follow coding method "B".

If you are coding different handset buttons to different receivers, (e.g. multiple garage or garage and gate installations) – Use a combination of methods "A" and "B" as appropriate.

Coding method "A"

Deleting the code on the receiver

- Firstly press one of the four buttons on the transmitter for eight seconds.

- Secondly press the reset switch on the receiver (a tooth pick is useful for this purpose) for approximately two seconds.

- When you hear two beeps from the receiver the code has been deleted.

Coding the handset from the reset switch on the receiver

- Press the reset switch on the receiver and hold this in.

- Press one of the four buttons on the transmitter until you hear two beeps.

- The coding procedure is now complete.

Coding method "B"

Coding the handset from an existing working transmitter

- Firstly press one of the buttons on the coded transmitter and hold for approximately eight seconds until you hear two beeps from the receiver, (or the appropriate receiver if there is more than one).

- Secondly press one of the buttons on the new transmitter and once you have heard two beeps the coding is complete.

Installation problems

Please phone one of our approved dealers if you encounter any difficulties during installation and they will be able to offer advice or in some cases on site assistance at an agreed charge.

U.K.Importers
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Dealer Stamp

We generally recommend that approved professional installers fit Remocon radio controls, however any competent person can fit single sets but multi-receiver installations are best left to approved installers. These approved professional installers have the necessary equipment and have received training in setting up multi-receiver installation.

These radio controls are wired in European wiring colours and will be more familiar to installers in the gate automation industry than those in the garage door industry.

Remocon receiver wiring:

Receiver Wiring Identification guide
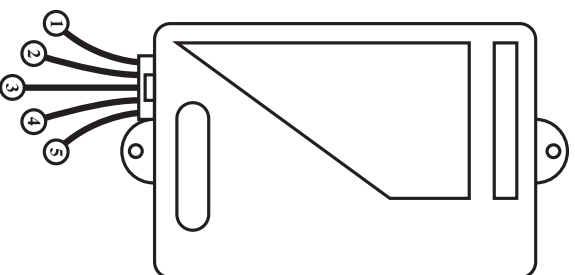
1. White wire
- Antenna

2. Yellow wire
- Relay common

3. Yellow wire
- Relay (normally open)

4. Black Wire
- Common (0 volt)

5. Red wire
- Positive (24 volt)

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1. Standard wiring to suit most 3 terminal garage door operators.

Connect the wires as follows:

Terminal one = Black and the relay common Yellow wire.

Terminal two = Yellow normally open (N.O) wire.

Terminal three = Red 24-volt D.C. wire

(*If this fails to work use option two below*)

2. Alternative standard wiring to suit most 3 terminal garage door operators.

Connect the wires as follows:

Terminal one = Red 24-volt D.C. wire

Terminal two = Yellow normally open (N.O) wire.

Terminal three = Black and the relay common Yellow wire.

Variants

Our extensive testing has only revealed three exceptions to either of the standard wiring options and they apply to wiring of these operators:

Chamberlain Liftmaster Model 3750 Garage door operators which have to be wired as follows:-

Yellow normally open (N.O.) wire - Terminal one on the operator

Black and relay common Yellow wire - Terminal two on the operator

Red 24 volt D.C. wire - Terminal three on the operator

Henderson 880 series operators with SIX terminals must be wired as follows:-

Yellow normally open (N.O.) wire - Terminal six on the operator

Black and relay common Yellow wire - Terminal two on the operator

Red 24 volt D.C. wire - Terminal five on the operator

Henderson garage door operators with FIVE terminals must be wired as follows:-

Yellow normally open (N.O.) wire - Terminal two on the operator

Black and relay common Yellow wire - Terminal one on the operator

Red 24 volt D.C. wire - Terminal three on the operator