

# ELECTRONIC EXCHANGE LRX 2137

GB

Electronic exchange with incorporated radio receiver, for the remote control of roller blinds and sun shades.

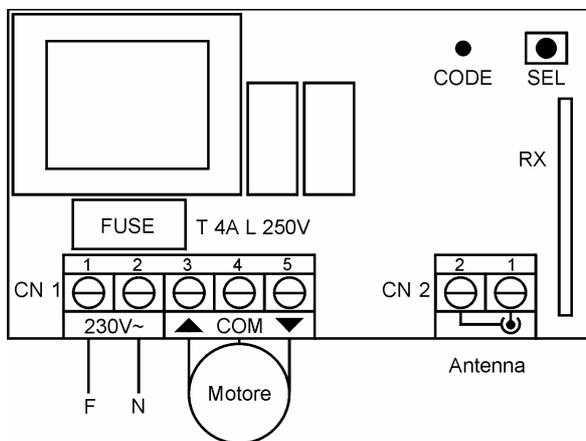
Pairing possibility with one or more mono-bi-channel radio controls, for the individual or centralised command (for the simultaneous move of more equipment).

- Mod. ( **LR 2137** ) : 306 MHz
- Mod. ( **LR 2137/330** ) : 330 MHz
- Mod. ( **LR 2137/418** ) : 418 MHz
- Mod. **LRS 2137**: 433,92MHz

( ) This product is destined only for countries in which its use is allowed

## TECHNICAL DATA

- Power supply: 230V~ 50-60Hz 2,5w
- Motor output 230V~ 500W Max
- Working temperature: -20÷85°C
- Radio receiver: refer to type
- Op. transmitter: 12-18 Bit or Rolling Code
- Memorizable TX codes: 32 UP, 32 DOWN or 32 P/P
- Card dimensions: 99x50x28mm
- Container: ABS V-0
- Protection capability: IP44 for internal use



## TERMINAL BOARD CONNECTION CN1

- 1: 230V~ input (Phase)
- 2: 230V~ input (Neutral)
- 3: Opening motor output (Up)
- 4: Common motor output
- 5: Closing motor output (Down)

## TERMINAL BOARD CONNECTION CN2

- 1: Aerial pole input
- 2: Aerial earth input

## OPERATING INITIAL CONDITIONS

The equipment can operate only in pairing with one or more radio controls; at the first starting the exchange does not have any radio control memorised codes.

## OPERATING WITH ONE OR TWO CODES OF THE RADIO CONTROL

1 or 2 radio control codes can be programmed, memorising one code results in a Step – by – Step operation (Raise – Stop – Lower), memorising two different codes results in distinct commands, the first for raising, the second for lowering.

### One code operating

Using the radio control with only one code (1 button), will cause the following.

The first command impulse will cause the shutter to rise until the motor operation time limit expires after 2 minutes.

The second command impulse will cause the shutter to lower, if a command impulse is received by the controller before the motor operation time expires, the controller will stop the shutter, a further command impulse will cause the motor to reactivate in the opposite direction.

### Two codes operating

Using the radio control with two codes (2 buttons), will cause the following.

The first code commands the shutter to rise until the motor operation time limit expires after 2 minutes.

The second code commands the shutter to lower.

If during the rise a new command is sent (associated to the rise), the central will continue its rise while if a command is sent (associated to the descent) the central will then stop its motion.

The same procedure is valid during the descent phase.

## GENERAL OR GROUP CENTRALIZATION

Moreover, it is possible, to insert for example two equal codes of a radio control (the first to lift, second to lower) to all the exchanges or to a group that are at a distance of 20 meters maximum from the command point, so that it is possible to obtain the general or partial movement of more automations.

## PROGRAMMING PROCEDURE

The transmission codes are programmed in the following manner: press the SEL button until the CODE led flashes, immediately transmit the pre-selected code with the desired remote control, as soon as the CODE led begins to flash rapidly send the second code to be memorised, when the CODE led remains lit, the programming is complete. If the second code is not sent within 10 seconds, the control board exits from the programming phase, selecting operation with only one radio control code.

If all the 32 codes have been memorised, repeating the programming procedure, the CODE led begins to flash rapidly, signalling that no further memorizations are available.

## RESET

All transmission codes are cancelled in the following manner: press the SEL button continuously for 5 seconds, the CODE led flashes for 3 times, than will be turned off and the central come back to the factory settings.

## IMPORTANT NOTICE FOR THE INSTALLER

- In order for the receiving part of the radio to function correctly, in cases where two or more centres are used, it is advisable to install them at a distance of at least 3 meters from each other.
- The centre does not have any type of sectioning mechanism, it is therefore the responsibility of the installer to see to the installation of a sectioning device within the plant.
- The centre must be inserted into a box which is complete with the means for fixing the electricity supply and connection cables.

SEAV s.r.l. declares that the product

### Electronic exchange LRS 2137

Comply with the requirements of Directives R&TTE 99/5/EC, EMC 2004/108/EC, LVD 2006/95/EC.



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