

Autoroll UK Ltd.

AR433 Standard Remote control

Analog control unit for roller shutters for use with Autoroll 4 channel transmitters (can be used with up to 4 different receivers to control up to 4 doors independently).

- 230V power supply for 1 single phase motor (1500W max)
- Opening / closing time adjustment (3 – 120 seconds) by means of VD1 potentiometer
- Input for key switch or momentary bell push button
- Built in self learning rolling code receiver (433 MHZ)

PLEASE READ THIS INSTRUCTION MANUAL VERY CAREFULLY BEFORE INSTALLING AND PROGRAMMING YOUR CONTROLL UNIT.

This instruction manual is only for qualified technicians who specialize in installations and automations.

AUTOMATION MUST BE IMPLEMENTED IN COMPLIANCE WITH THE EUROPEAN REGULATIONS IN FORCE:

EN 60204-1 (machinery safety, electrical equipment of machines, part 1; general rules)

EN 12445 (safe use of automated locking devices, test methods)

EN 12453 (safe use of automated locking devices, requirements)

CONNECTIONS.

1. Neutral of power supply.
2. Phase (live) of power supply 230vac.
3. Common to motor.
4. Output power supply 230vac to motor during opening.
5. Output power supply 230vac to motor during closing.
6. Opening /closing control for the connection of push-button or key switch to terminal 8.
(common) Contact normally open.
7. Stop control. Contact normally closed. (MUST BE LOOPED TO TERMINAL 8. (COMMON-) WHEN NOT USED.)
8. Common (-)
9. Antenna shield.
10. Antenna central cable.

MOTOR MUST BE EARTHED.

IMPORTANT! If a stop control is not fitted, a loop wire must be connected to terminals 7 to 8 otherwise the unit will not operate!

PROGRAMMING OF NEW HANDSET TRANSMITTERS

Press the small black button (S3) which is located almost in the centre of the circuit board, for approximately 5 seconds until the red LED light comes on. Now press any of the 4 buttons on the handset transmitter and the red LED light will then start to flash and then go out. That button on the handset will now operate the door.

If you wish for more than 1 button to operate the door, you must repeat the above for each button to work.

FUNCTION LOGIC

The logic of its function is STEP BY STEP: the first press of the transmitter triggers the opening, the second one triggers the stopping, the third the closing, the fourth the stopping and so forth. IF you wish to open or close the door within 120 seconds of the door stopping on its motor limits, it will be necessary to push the button on the transmitter twice, the first triggers the stop relay (although the door is stopped) the second triggers the start.

The run timer can be reduced by inserting a 2mm Alan key in the potentiometer and turning it anti-clockwise. Be sure not to reduce the run time too far as the door will not fully open or close.

CLEARING CODE MEMORY

Disconnect the power supply

Press the receivers (S3) small black programming button located almost centre of the circuit board and at the same time re-connect power supply.

Still with the button depressed the receivers led light will illuminate, then wait until it starts to flash (approx 5 seconds) and then release the button.

Once the light goes out the memory is now clear and ready for programming.

CONFORMITY TO REGULATIONS

Autoroll UK Ltd declares that the AR 433 STANDARD is in accordance with the provisions of the directive 99/05/CE and with the standard reference here below;

EN 60335-1: ELECTRICAL SAFETY

EN 301489-3: ELECTROMAGNETIC COMPATIBILITY

EN 300220-3: OFFICIAL USE OF THE SPECTRUM