

# BICHANNEL RECEIVER RXX 2175

GB

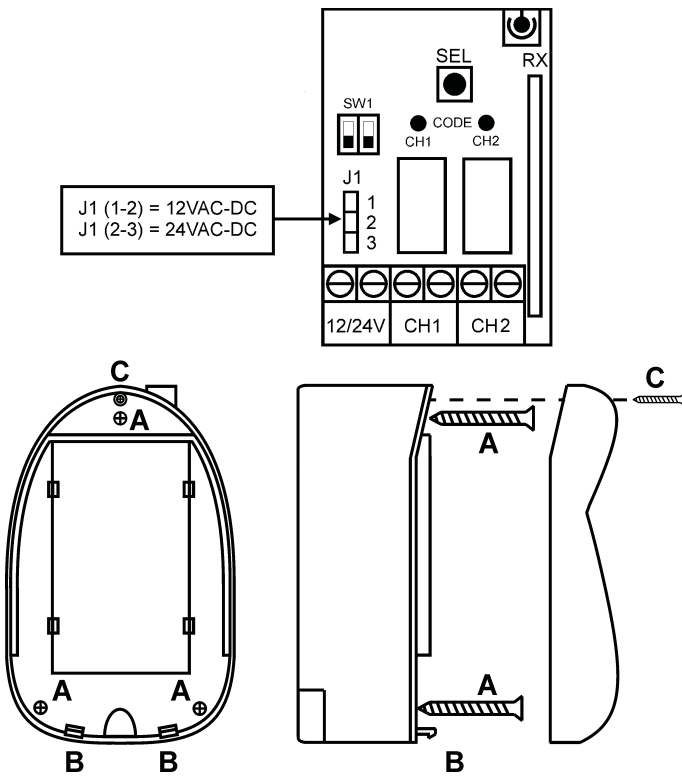
The bichannel radio receiver RXX 2175, allows the remote control of electrical and electronic devices when coupled with one or more transmitters.

- Mod. ( **RXQ 2175** ) : 30,875 MHz
- Mod. ( **RX 2175** ) : 306 MHz
- Mod. **RXS 2175**: 433,92 MHz
- Mod. **RES 2175** : Narrow band 433,92 MHz
- Mod. **RXH 2175** : Narrow band 868,3 MHz

( ) This product is designed only for countries in which this use is allowed.

## TECHNICAL DATA:

- Work frequency : see model
- Power supply: 12-24VAC-DC
- Max. consumption : 5W
- Optional transmitter : 12-18 Bit or Rolling Code
- TX codes memorizable (CH1 + CH2) : 120 Max
- Control relay : 30VDC 1A
- Working temperature : -20+55°C
- Dimensions : 53x82x40mm
- Rating in open space : 50-100m
- Degree of protection : IP 54



## CN1 TERMINAL BOARD CONNECTIONS:

- 1: Power supply 12-24VAC-DC
- 2: Power supply 0V
- 3: Contact output "normally open" CH1
- 4: Contact output "normally open" CH1
- 5: Contact output "normally open" CH2
- 6: Contact output "normally open" CH2

## INSTALLATION OF THE RECEIVER:

It is very important to choose the place of installation carefully. In order to obtain an optimal functioning between the transmitter and the receiver. Capacity is not only conditioned by the technical characteristics of the device, but also varies according to the radio-electric conditions of the site. The receiver is equipped with a tuned aerial. The aerial must be placed in a visible spot far from any metal structures.

There must be a distance of at least 5 metres between the two

receivers if installation is to be successful.

## POWER SUPPLY SELECTION

Through the selection of the Jumper J1, it is possible to select the tension of the power supply:

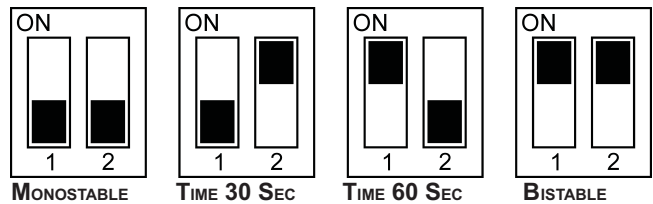
**Jumper J1:** select the power supply 12/24VAC-DC.  
Pos. 1-2 = 12VAC-DC.  
Pos. 2-3 = 24VAC-DC (default).

## INSTRUCTIONS FOR THE FUNCTION CH1 AND CH2

The receiver is able to manage both channels separately and furthermore permits one to have diverse methods of function:

**Channel CH1:** only function monostable.

**Channel CH2:** through the selection of the Switch SW1, the following methods of function for the channel CH2 are possible to be selected:



## INSTRUCTIONS FOR PROGRAMMING

The radio-controls programming to be used is of a self-learning kind, and can be carried out with **the aerial disconnected** as follows:

Press the SEL button, as a result of which the Led CODE will begin to flash. Send the selected code using the radio-control, making sure that you stand a few metres away. When the Led remains illuminated, channel CH1 programming is finished. In order to memorize a radio-control code on the channel CH2 follow the same procedure explained above by pressing the SEL button twice.

It is possible to repeat the memorization procedure using up to a maximum of 120 codes in total. By continuing to repeat the operation once the available memory capacity is used up, the Led CODE CH1 and CODE CH2 will start to flash rapidly, indicating that further storage is not possible.

## RESET

If you wish to reset the receiver to its original configuration, (without any memorized code), press the SEL button for 5 seconds. The Led CODE CH1 and CODE CH2 will emit three short flashes before switching itself off.

*The products*

**Receivers RXH 2175 - RES 2175 - RXS 2175**

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

