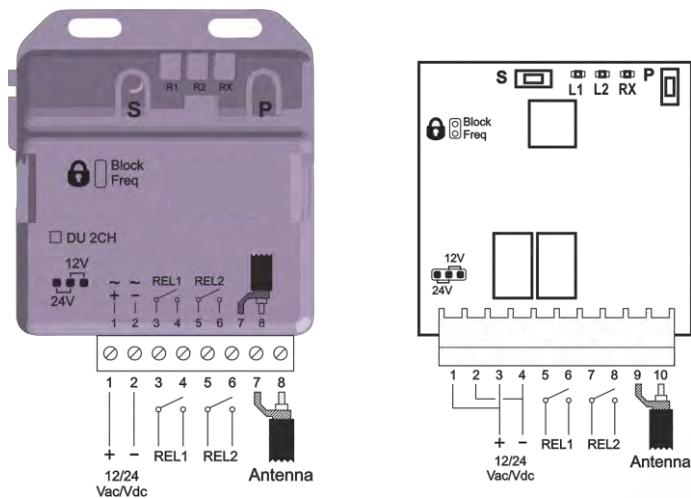# RX2DUAL Receiver

Installation manual

1- MAIN FEATURES

- Universal multi-frequency two-channel receiver.

- Power: 12Vac/dc or 24Vac/dc **selectable with a jumper**.

- Relay contacts 1A 230Vac / 1A 24Vdc.

2- PROGRAMMING REMOTE

Programming allows you to associate a remote to the receiver output.
To proceed with programming, press the P button.
The LED related to relay 1 will flash; to select another relay, press the P button again.
Press the button on the remote control to program until the LED on the receiver stays on. A few seconds may pass before the receiver decodes the new code.
NOTE: If the remote to be recorded is an HCS and the receiver LED flashes twice, it is necessary to send another radio code, see the dedicated chapter.
If the procedure has occurred correctly, all the receiver LEDs will light up.

3- HCS PROGRAMMING PROCEDURE

If during the programming procedure of a remote the relay LED flashes twice, it is necessary to send another SEED code through the remote. This code is transmitted by some remotes through a hidden button or a combination of buttons. If you do not know the procedure for sending the SEED code, continue pressing the remote button. This will be memorized as a fixed HCS.
If the procedure has occurred correctly, all the receiver LEDs will light up.

4- REMOTE REMOVAL

To delete a remote, press the P button. Then press the S button. In this phase all the LEDs will be on, press the button of the remote that you want to delete. Wait until all the LEDs go out.

5- RELAY CONFIGURATIONS

The relays can be configured to operate in four different modes: bistable, pulse, second timer and minute timer. They can be modified and configured at any time.

NOTE: The S key allows you to select the relays to configure, the P key changes the configuration.

To continue configuring the relay, press the **S** key.

The Relay 1 LED will flash, to select Relay 2, press the **S** key again.

Both receiver relays are set to pulse by default. To change the selected relay mode, press the **P** key, the relay LED will flash according to the set mode (see table); Each time **P** is pressed, the setting changes to the next mode in cyclic mode. Once the desired operating mode is established, wait for the LED to stop flashing.

The number of flashes indicates the mode configured for that relay:

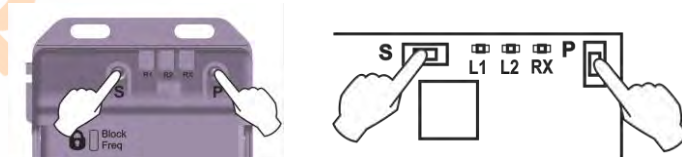|		
1 Flash	☼	BISTABLE
2 Flashes	☼ ☼	IMPULS
3 Flashes	☼ ☼ ☼	TIMER SECONDS
4 Flashes	☼ ☼ ☼ ☼	TIMER MINUTES

6- TIMER CONFIGURATION

While in timer mode (seconds or minutes), press the **S** button for approximately 2 seconds and wait for the LED to flash regularly.

Continue pressing the **S** button for a few seconds (or minutes) for which you want to program the timer.

7- FACTORY RESET

Press the P and S buttons for 10 seconds, wait until all the LEDs flash quickly.

8- ERROR CODES

When error signals occur, LED RX stays on steadily. By observing the behavior of LEDs 1 and 2 you can understand the type of error in progress.

R1	R2	RX	Description
☼	Flashing	☼	Code not found
Flashing	☼	☼	Code memory full
Flashing	●	☼	Frequency memory full

Code not found: when deleting a remote, it is not correctly recognized. Check that it has been stored in precedence and repeat the removal operation.

Code memory full: the receiver's memory is full and you want to memorize a new remote. Delete an unused remote and retry.

Frequency memory full: an attempt is being made to program a new remote with a transmission frequency different from the previous ones. The number of memorized frequencies in the receiver is limited but it will be possible to memorize other remotes with the same frequencies as the previous ones.