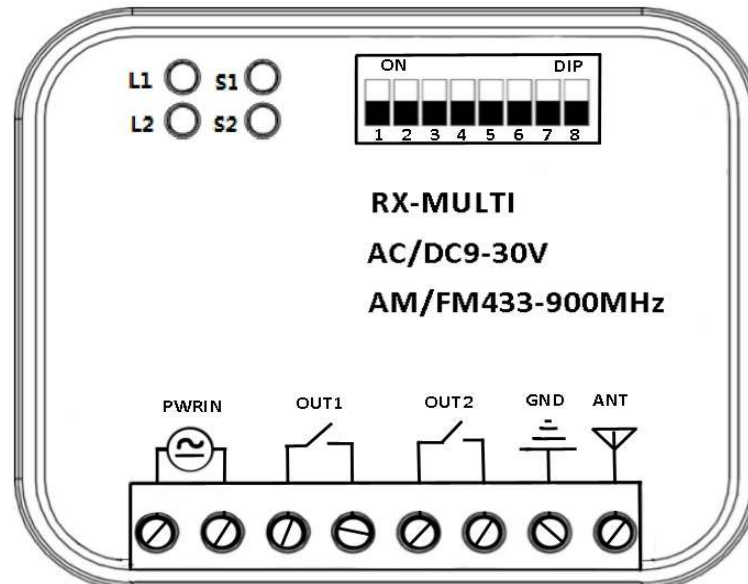


# DS001 RX MULTI

## MANUAL RX MULTI 433 TO 868 MHz

### 1. RX Multi drawing



### 2. Brand selector

With the 8 DIPs selector, the user can make different combinations for different remote brands. The brands selection is shown below in table 1.

### 3. Learn Button and LED

In RX Multi receiver, there are 2 independent channels. Each channel has independent learn button S1 and S2, and their corresponding LEDs L1 and L2. This receiver can memorize up to 250 remotes per channel.

- Channel 1 and 2 are set as monostable, the output is activated for 3 seconds.

### 4. Power Input Selector

The RX Multi can work at input AC/DC 9 V ~ 30 V. However, it's better to change the jumper according to the power supply. If the input is over 24 V, shorten pin 2&3; shorten 1&2 if input is less than 24 V (See image from section 8).

### 5. Exchangeable Memory Card

The memory card can be removed from the board to be inserted in a different receiver; this way the user can preserve all the remotes learned in the memory card. See image from section 8.

## 6. Programming one button or remote:

1. First, select the DIPs combination of the chosen remote's brand that will be programmed following table 1.
2. Press the learn button (S1 or S2), the corresponding LED turns on.
3. Press the button of the remote you want to programme, the LED L1 or L2 flashes for 5 seconds, this shows remote button entered the RX Multi successfully.

Repeat steps 2 and 3 for another button or remote.

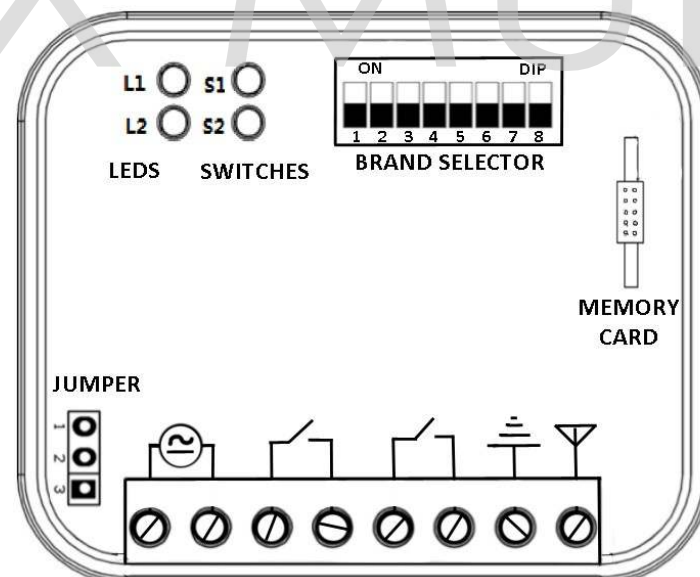
## 7. Erase all data in memory card:

By pressing for few seconds the button S1 or S2, the LED will be fixed. Keep pressing this button until the LED turns off. All data in the memory card will be erased permanently.

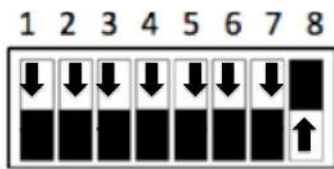

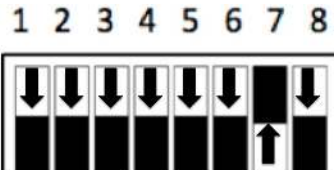

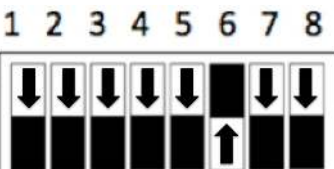


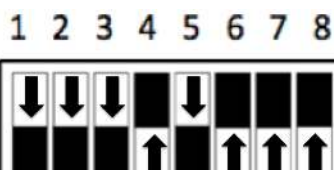

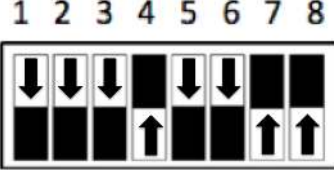

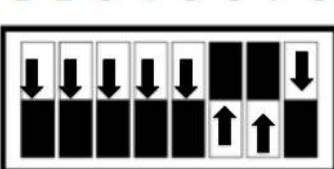

**NOTICE: Be careful at erasing all data in the memory card. The data will be erased permanently and CANNOT be recovered.**

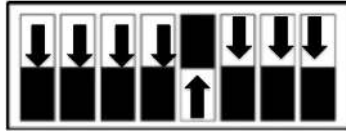
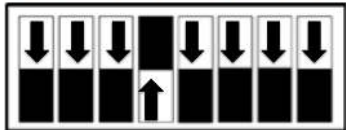
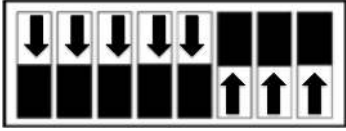
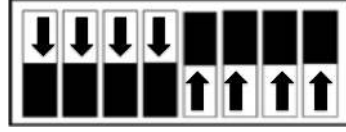
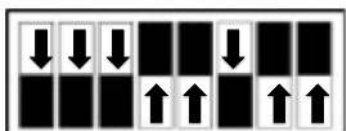

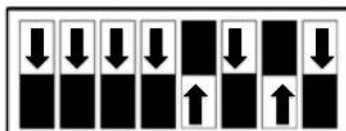

## 8. Details picture

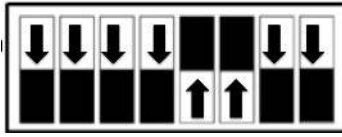
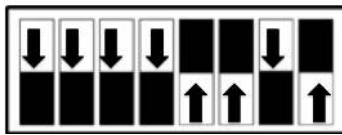
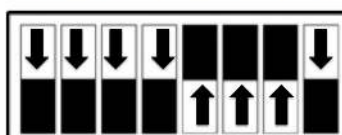
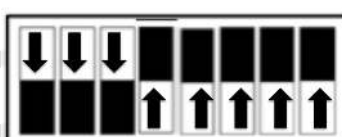
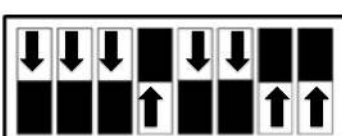



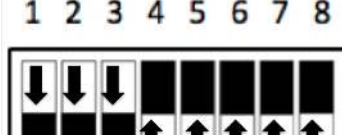

Location of LEDs, buttons, DIP selector, memory card and jumper.

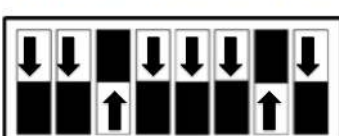


**Tabla1: Selección de Marcas**
**Tableau : Sélection de la marque**
**Table1: Brands' selection**
**Tabella 1: selezione del marchio**

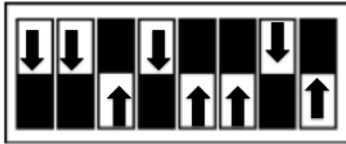

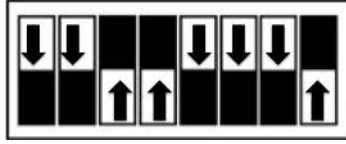

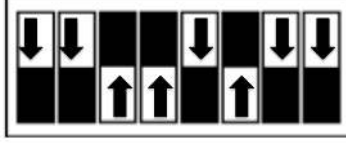

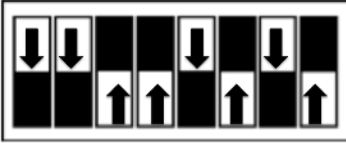

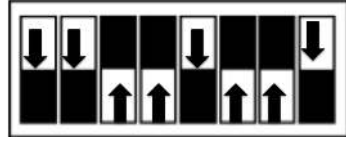

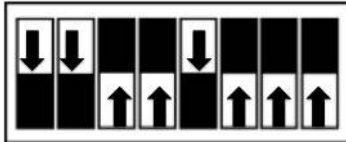

ITEM	SELECTION DIP SWITCH	BRAND	FREQ	NOTES
1		<b>NICE FLORS</b>	433.92 MHz	
2		<b>MARANTEC</b>	433.92 MHz	
3		<b>Universal Fixed Code Código Fijo Code Fixe</b>	433.92 MHz	Fixed Code
4		<b>FAAC SLH Rolling Code Code Variable</b>	433.92 MHz	
5		<b>Liftmaster</b>	310 MHz	
6		<b>Liftmaster</b>	390 MHz	
7		<b>Liftmaster</b>	433.92 MHz	

8		Universal Rolling Open Code	433.92 MHz	Open Code
9		Universal Rolling Open Code	315 MHz	Open Code
10		Universal Rolling Open Code	318 MHz	Open Code
11		Universal Rolling Code ASK	868 MHz	Open Code
12		Universal Rolling Code FSK	868 MHz	Open Code
13		Universal Fixed Code Código Fijo Code Fixe	300 MHz	Fixed Code
14		Universal Fixed Code Código Fijo Code Fixe	310 MHz	Fixed Code
15		Universal Fixed Code Código Fijo Code Fixe	315 MHz	Fixed Code

16	<p>1 2 3 4 5 6 7 8</p> 	<b>Universal Fixed Code Código Fijo Code Fixe</b>	318 MHz	Fixed Code
17	<p>1 2 3 4 5 6 7 8</p> 	<b>Universal Fixed Code Código Fijo Code Fixe</b>	330 MHz	Fixed Code
18	<p>1 2 3 4 5 6 7 8</p> 	<b>Universal Fixed Code Código Fijo Code Fixe</b>	390 MHz	Fixed Code
19	<p>1 2 3 4 5 6 7 8</p> 	<b>Universal Fixed Code Código Fijo Code Fixe</b>	868 Mhz	Fixed Code
20	<p>1 2 3 4 5 6 7 8</p> 	<b>Liftmaster Rolling Code Billioncode Code Variable</b>	390 MHz	
21	<p>1 2 3 4 5 6 7 8</p> 	<b>Liftmaster Rolling Code Code Variable</b>	315 MHz	
22	<p>1 2 3 4 5 6 7 8</p> 	<b>Hormann Marantec Berner</b>	868 MHz	

23	<p>1 2 3 4 5 6 7 8</p> 	<b>FAAC SLH</b>	868 MHz	
24	<p>1 2 3 4 5 6 7 8</p> 	<b>Prastel</b>	433.92 MHz	
25	<p>1 2 3 4 5 6 7 8</p> 	<b>Sommer</b>	868.80 MHz	
26	<p>1 2 3 4 5 6 7 8</p> 	<b>Sommer</b>	434.4 MHz	
27	<p>1 2 3 4 5 6 7 8</p> 	<b>Liftmaster Rolling Code</b>	868.30 MHz	
28	<p>1 2 3 4 5 6 7 8</p> 	<b>Clemsa Mastercode</b>	433.92 MHz	
29	<p>1 2 3 4 5 6 7 8</p> 	<b>DITEC</b>	315 MHz	

30	<p>1 2 3 4 5 6 7 8</p> 	<b>DITEC</b>	390 MHz	
31	<p>1 2 3 4 5 6 7 8</p> 	<b>DITEC</b>	433.92 MHz	
32	<p>1 2 3 4 5 6 7 8</p> 	<b>V2</b>	315 MHz	
33	<p>1 2 3 4 5 6 7 8</p> 	<b>V2</b>	390 MHz	
34	<p>1 2 3 4 5 6 7 8</p> 	<b>V2</b>	433.92 MHz	
35	<p>1 2 3 4 5 6 7 8</p> 	<b>MARANTEC</b>	868.30 MHz	
36	<p>1 2 3 4 5 6 7 8</p> 	<b>Aprimatic Encrypted Code</b>	433.92 MHz	

37	<p>1 2 3 4 5 6 7 8</p> 	<b>Aprimatic Encrypted Code</b>	868.3 MHz	
38	<p>1 2 3 4 5 6 7 8</p> 	<b>JCM TECH</b>	868.3 MHz	
39	<p>1 2 3 4 5 6 7 8</p> 	<b>P.N.C</b>	868.3 MHz	
40	<p>1 2 3 4 5 6 7 8</p> 	<b>MAP</b>	868.3 MHz	
41	<p>1 2 3 4 5 6 7 8</p> 	<b>FORSA</b>	868.3 MHz	
42	<p>1 2 3 4 5 6 7 8</p> 	<b>ALMA</b>	868.3 MHz	



43		<b>DMiL</b>	868.3 MHz	
44		<b>CEA</b>	868.3 MHz	
45		<b>Roper</b>	868.3 MHz	

**NOTE:** To programme a FAAC remote in the RX MULTI please follow the next steps:  
 1- Press at the same time channels 2 and 3 on the FAAC remote, the remote LED will start flashing.  
 2- Press in the RX MULTI the channel where you want programme the remote. The LED stays fixed.  
 3- Press several times the button of the FAAC remote you want to programme.