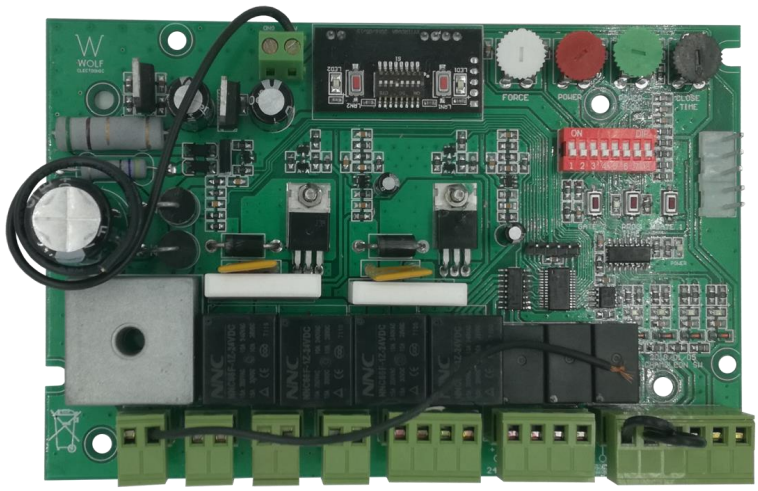
CUADRO DE CONTROL PARA PUERTAS BATIENTES



Cuadro de maniobra monofásico con alimentación de 24V AC diseñado para puertas batientes (1 o 2 hojas) con motor de 24V AC.

Con nuestro receptor universal RX Multi integrado, este cuadro de maniobra permite programar diferentes tiempos de desfase de apertura y cierre, regulación de fuerza y programación de paro suave al final de las maniobras de apertura y cierre. Incluye indicadores luminosos en las entradas de control.

FUNCIONAMIENTO

- Las maniobras del automatismo se ejecutan mediante los pulsadores OPEN o ALTER y con los botones del mando. La maniobra termina por la finalización del tiempo de funcionamiento programado por el usuario.

- La activación de STOP provoca la inmediata detención de la maniobra, siendo necesaria una orden para la reanudación de la misma.

- En la maniobra de cierre, la activación del contacto de seguridad provoca la inversión de ésta, pasándose a la maniobra de apertura.

- La regulación de fuerza del motor (seleccionada por el usuario); se aplica 2 segundos después de haber iniciado la maniobra.

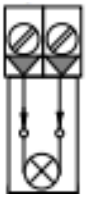
- El tiempo de Paro Suave (seleccionado en la programación de los tiempos de funcionamiento) es el tiempo que el motor funcionará de forma amortiguada al final de la maniobra. Se configura mediante POWER SLOW. Regula también la velocidad del motor.

WOLF SW 24: CONTROL BOARD FOR SWING GATES

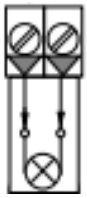
CARACTERÍSTICAS TÉCNICAS	
Alimentación	24V AC/DC +/- 10%
Motor	70W
Salida alimentación accesorios	24V DC 250mA
Tiempo espera cierre automático	5 segundos a 2 minutos
Tiempo funcionamiento normal	Máximo 2 minutos
Combinaciones códigos	72.000 billones de códigos
Número de códigos	254 códigos
Programación códigos	Autoaprendizaje
Selección de funciones	Se memoriza la función
Tiempo luz de garaje	4 minutos aproximadamente
Contacto luz de garaje	24V
Frecuencia	433,92 MHz – 868 MHz
Sensibilidad	Mejor de -100dBm
Alcance	Máximo 60m
Antena	Incorporada
Temperatura trabajo	-20º a 85ºC

CONEXIONES

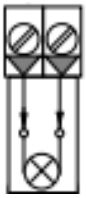
ALIMENTACION 24V
1 2



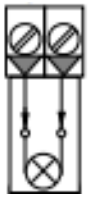
BATERIA 24V
3 4



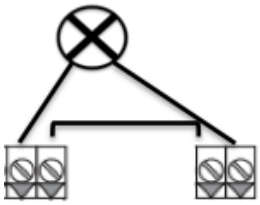
MOTOR 2 24V
5 6



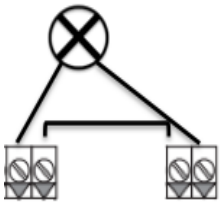
MOTOR 1 24V
7 8



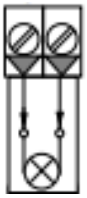
LAMP
1 2 9 10



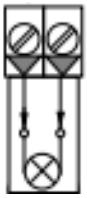
FLASH
1 2 11 12



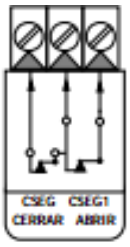
ALIMENTACIÓN ACCES. 24V
13 14



ELECTRO-CERRADURA 24V
15 16

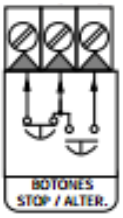


CONTACTOS SEGURIDAD
17 18 19



SEG 1
COMÚN
SEG 2

BOTONES TERMINALES
20 21 22



PARO
COMÚN
PULSADOR

CONECTOR FAAC

POTENCIÓMETROS

FUERZA (ROJO) DESHABILITADO

POTENCIA (AZUL)
Regulación de la potencia. Girar a la izquierda para disminuir y a la derecha para aumentar.

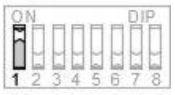
FUERZA DEL PARO SUAVE (BLANCO)
Regulación de fuerza del paro suave. Solo con opción 7 ON. Girar a la izquierda para disminuir y a la derecha para aumentar.

TIEMPO DE CIERRE AUTOMÁTICO (VERDE)
Regula el tiempo de espera de cierre automático. Girar a la izquierda para disminuir y a la derecha para aumentar.

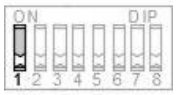
Mínimo 3 segundos.
Máximo 120 segundas.

OPCIONES

1 BAJADA AUTOMÁTICA

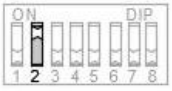


ON: Activada. La puerta cierra automáticamente cuando está abierta y ha transcurrido el tiempo programado.

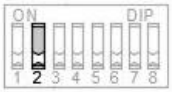


OFF: Desactivada. No hay cierre automático.

2 INHIBICIÓN PARO AL ABRIR



ON: No se puede detener la puerta mientras abre con el EMISOR, con el pulsador GATE 1 o ALTER (15-16) de la placa.



OFF: Sí se puede detener la puerta mientras abre con el EMISOR, con el pulsador GATE 1 o ALTER (15-16) de la placa.

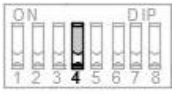
3 PROGRAMACIÓN VÍA RADIO

ON: Desactivada.

OFF: Activada. El pulsador START(1-2) y el emisor paran la puerta durante la apertura y la invierten en el cierre.

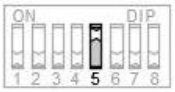
4 GOLPE DE INVERSIÓN

ON: Antes de abrir la puerta se activa la electro cerradura y se cierra durante unos instantes. Al final de la maniobra de cierre tiempo de apriete 2 seg por seguridad.



OFF: Apertura normal con electro cerradura.

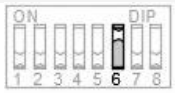
5



ON: La entrada CSEG1 (11-12) detiene la maniobra de apertura e invierte 2 segundos. En el cierre para e invierte la maniobra.

OFF: La entrada CSEG1 (11-12) detiene la maniobra de apertura. Al desactivarse CSEG1 la puerta vuelve a abrir.

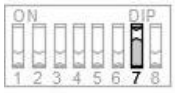
6 LUZ DESTELLO



ON: Destello.

OFF: Fija.

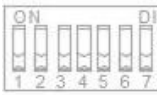
7 PARO SUAVE



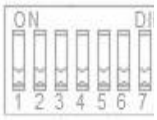
ON: Paro suave activado. Al final de las maniobras de apertura y cierre se realiza el paro suave.

OFF: Paro suave desactivado.

OPCION 8 IMPULSO CADA HORA DURANTE 6 SEGUNDOS

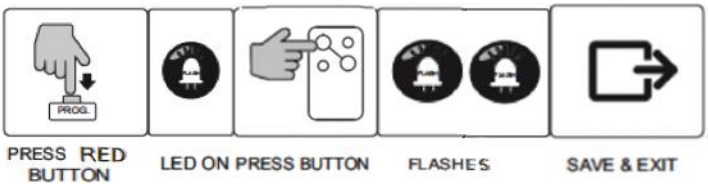


ON DESACTIVADO



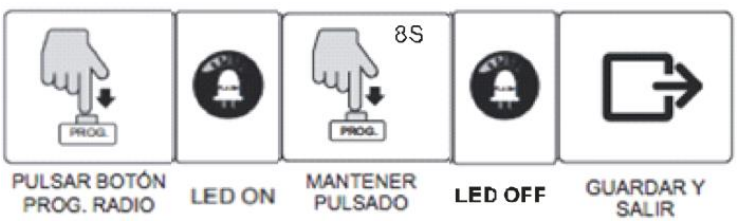
OFF ACTIVADO

PROGRAMAR UN MANDO

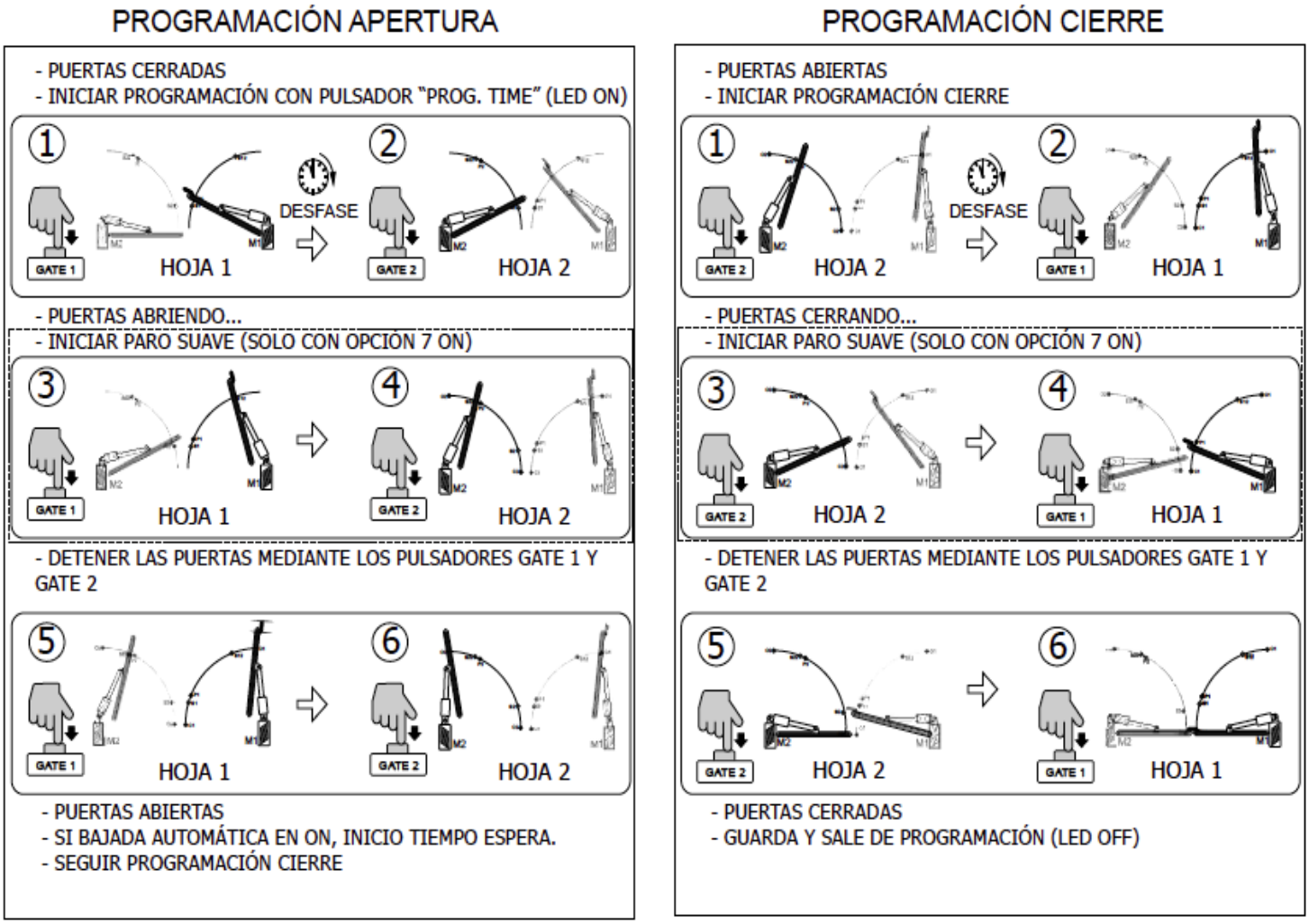


****EL BOTÓN ROJO ESTÁ UBICADO EN LA TARJETA RECEPTORA(PERPENDICULAR A LA PLACA), AL IGUAL QUE EL LED.**

BORRADO DE MEMORIA



PROGRAMACIÓN DIGITAL TIEMPO DE MANIOBRA



PROGRAMACION DIGITAL DE TIEMPO DE MANIOBRA CON EL MANDO

1.-grabar dos botones del mando en el receptor **"RX MULTI"** de la placa. El primer botón se grabara en el **"CANAL 2"** y controlara la puerta maestra. Y el segundo botón se grabara en el **"CANAL 1"** y controlara la puerta esclava.

2.- una vez hallamos realizado el paso 1, pulsar en la placa el botón "PROG TIME", el led se quedara fijo(la programación está abierta).

3.- Pulsar "**BOTÓN 1"** del mando la puerta maestra comenzara a abrirse. Esperar un tiempo de desfase y pulsar el **"BOTÓN 2".**

4.-Pulsar de nuevo el **"BOTÓN 1"** para iniciar el paro suave en puerta maestra, y pulsar **"BOTÓN 2"** para iniciar paro suave es puerta esclava. (esta función solo funciona si se activa la opción **"PARO SUAVE"** (opción 7).

5.- Pulsar el **"BOTÓN 1"** de nuevo para finalizar la maniobra de apertura en puerta maestra y pulsar **"BOTÓN 2"** para finalizar la maniobra de apertura en puerta esclava.

6.- realizaremos la maniobra de cierre pulsando "**BOTÓN 2"** del mando para que la puerta esclava comience a cerrarse. Esperar un tiempo de desfase y pulsar el **"BOTÓN 1".**

7.- Pulsar de nuevo el **"BOTÓN 2"** para iniciar el paro suave en puerta esclava, y pulsar **"BOTÓN 2"** para iniciar paro suave es puerta maestra. (esta función solo funciona si se activa la opción **"PARO SUAVE"** (opción 7).

8.- Pulsar el **"BOTÓN 2"** de nuevo para finalizar la maniobra de cierre en puerta esclava y pulsar **"BOTÓN 1"** para finalizar la maniobra de cierre en puerta maestra.

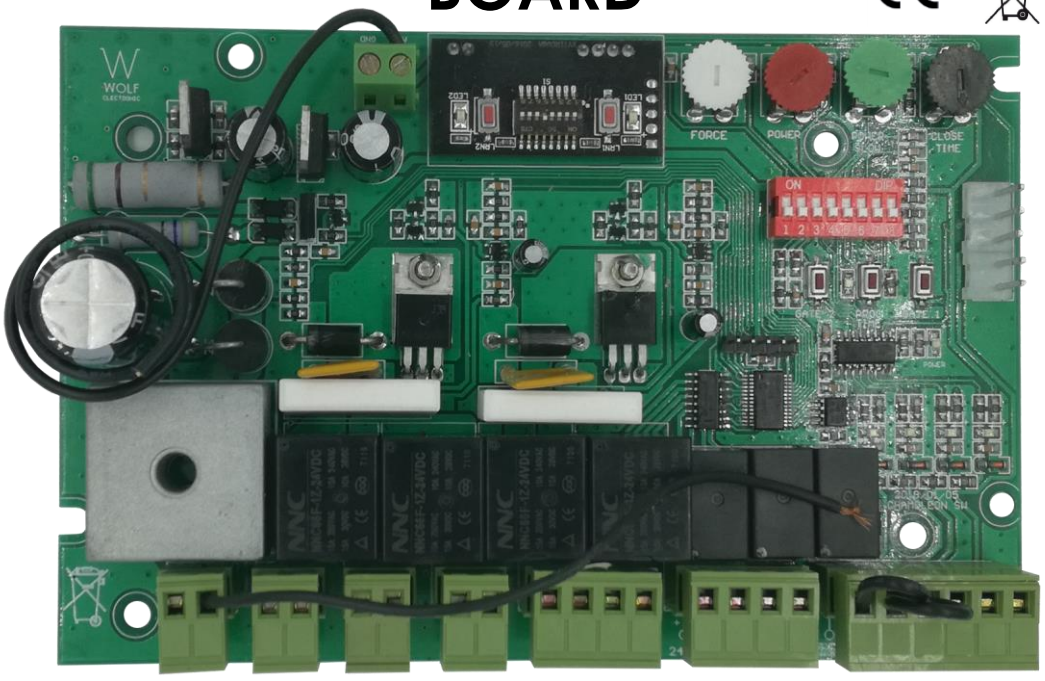
En caso de utilizar un motor, realizar la programación sólo con el pulsador Gate 1.

OPCION PEATONAL

Esta opción se realizara grabando en el **canal 1** del **RX MULTI** un botón diferente del seleccionado para abrir la puerta. Cada vez que pulsemos este botón abriremos o cerraremos solo la puerta maestra. . Si ambas puertas están abiertas esta opción no funciona.

La tabla de selección de marca del receptor se encuentra al final del manual.

SWING DOORS CONTROL BOARD



Swing doors control board with power supply at 24V AC with RX Multi universal receiver integrated, designed to control 1 or 2 electromechanical motors. Programmation allows different offset times for opening and closing, force regulation and soft stop at the end of opening and closing maneuvers. It includes LED indicators for control inputs.

This control unit is designed for 1 or 2 wing doors without limit switch.

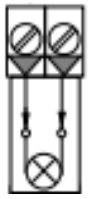
HOW IT WORKS

- The control unit maneuvers are executed with OPEN or ALTER buttons and with remote control buttons. The maneuvers end when programmed times finish.

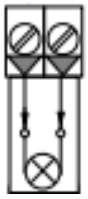
- STOP activation causes the sudden stop of the maneuver, requiring an order for restarting it again.
- During closing maneuver, the activation of the security device provoques the invertion of the door's direction.
- Motor power is adjusted by the user and it is applied to the maneuver two seconds after it started.
- Soft stop time (selected in the working time programmation) is the period when the door automatically slows down before reaching the end of the maneuver. It is programmed by using POWER SLOW button. It also regulates the pace of the motor.

CONNECTIONS

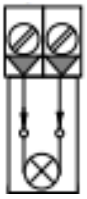
POWER SUPPLY 24V
1 2



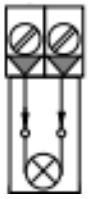
BATTERY 24V
3 4



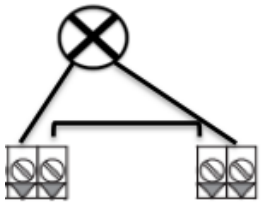
MOTOR 2 24V
5 6



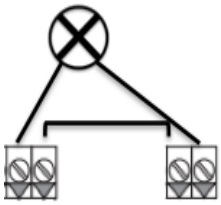
MOTOR 1 24V
7 8



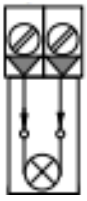
LAMP
1 2 9 10



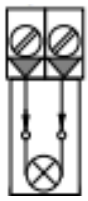
FLASH
1 2 11 12



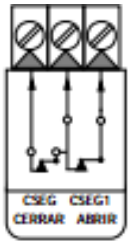
POWER SUPPLY ACC. 24V
13 14



ELECTRO-LOOK 24V
15 16

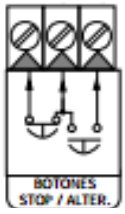


SEGURITY DEVICE
17 18 19



SEG 1
COMÚN
SEG 2

TERMINAL BUTTONS
20 21 22



PARO
COMÚN
PULSADOR

CONECTOR FAAC

REGULATIONS

FORCE (WHITE) DISABLE

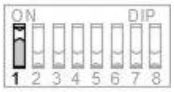
POWER REGULATION (RED)
Power regulation. Turn left to decrease and right to increase.

SOT STOP (GREEN)
Soft stop motor regulation. Only with Option 7 ON. Rotate to the LEFT to decrease it and rotate to the RIGHT to increase it. Available for opening and closing.

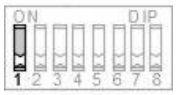
AUTOMATIC CLOSING TIME (BLACK)
Regulates the stand-by time before the automatic closure. Turn to the LEFT to decrease it and to the RIGHT to increase it.
Minimum 3 seconds.
Maximum 120 seconds.

OPTIONS

1 AUTOMATIC CLOSURE



ON: Activated. Door closes automatically.



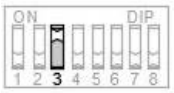
OFF: Deactivated. Door does not close automatically.

2 DEACTIVATION STOP OPENING

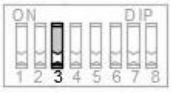
ON: Door can not stop while opening.

OFF: Doors stop while opening by pressing the TRANSMITTER, GATE1 or ALTER (15- 16) on board.

3 RADIO PROGRAMMING

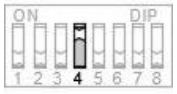


ON: Not allowed.

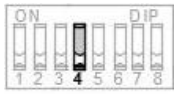


OFF: Allowed.

4 INVERSION SHUT



ON: Before opening, the electro lock and closure relay are activated. At the end of the closing maneuver tightening time 2 sec for safety.



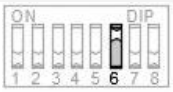
OFF: Normal opening with electro lock.

5

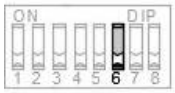
ON: CSEG (11-12) input stops and inverts 2 seconds the opening maneuver. On closing, stops and inverts the maneuver.

OFF: CSEG1 (11-12) input stops the opening maneuver. When CSEG1 is deactivated, the door opens again.

6 FLASHING LIGHT

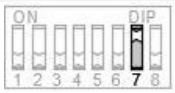


ON: Flashing.



OFF: Fixed.

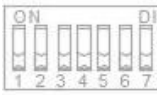
7 SOFT STOP



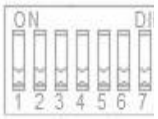
ON: Soft stop activated. The door makes a soft stop at the end of the opening and closing maneuver(Requires option 8 ON, option 7 generates an impulse per hour.)

OFF: Soft stop deactivated.

OPCION 8 IMPULSE EVERY HOUR DURING 6 SECONDS

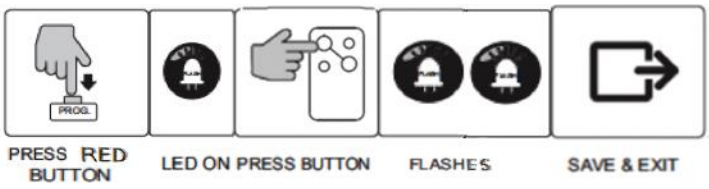


ON DISABLE



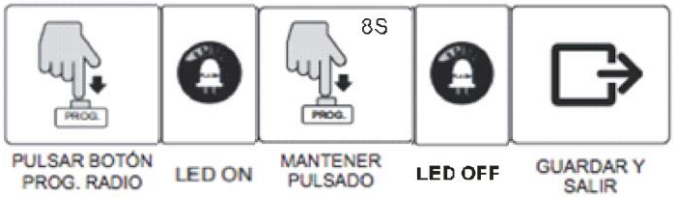
OFF ENABLE

PROGRAMMING A TRANSMITTER



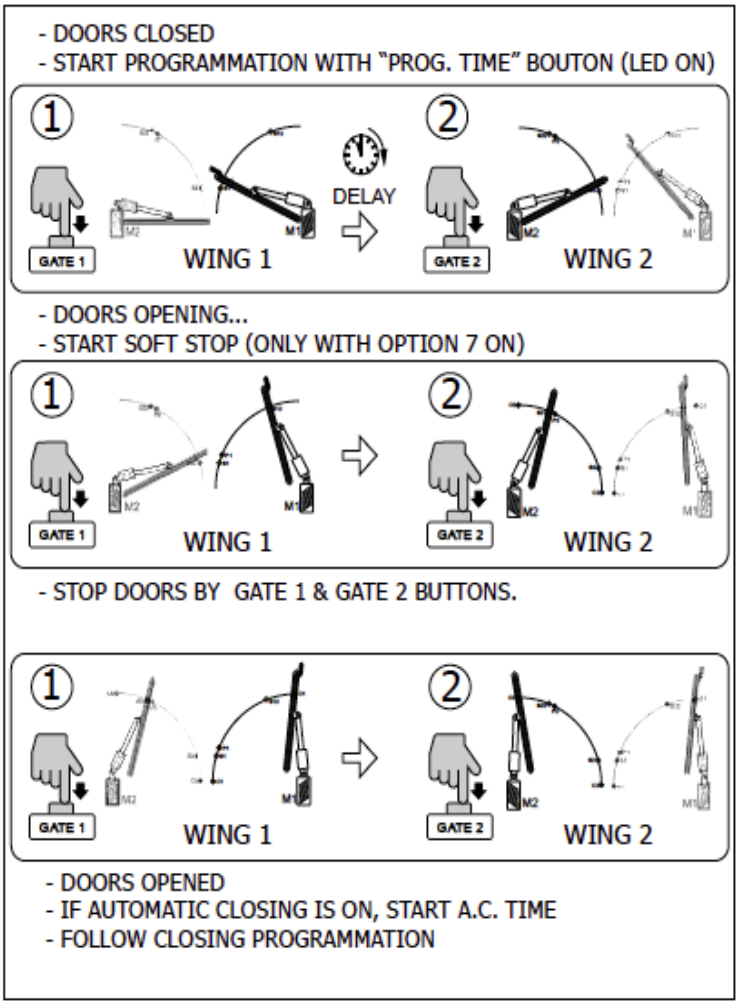
**** THE RED BUTTON IS LOCATED ON THE RECEIVER'S CARD (PERPENDICULAR TO THE BOARD) AND THE LED THAT FLASHES ASWELL.**

MEMORY RESET

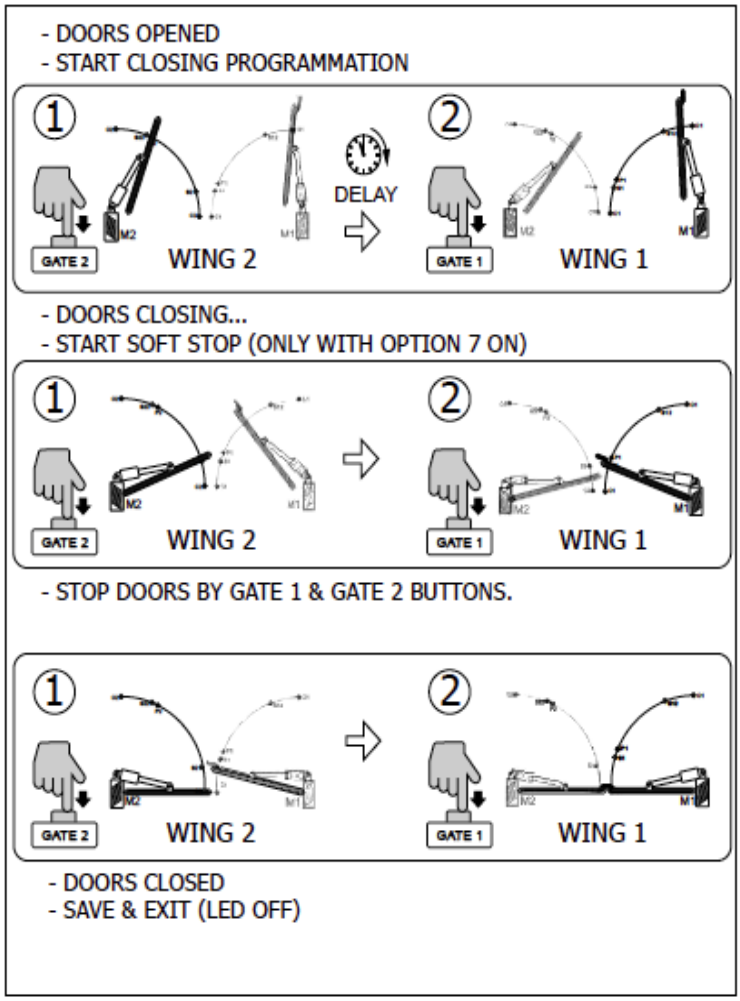


DIGITAL TIME PROGRAMMING AND AUTOMATIC CLOSURE

OPENING PROGRAMMATION



CLOSING PROGRAMMATION



DIGITAL PROGRAMMING OF MANEUVER TIME WITH THE COMMAND

1. - Record two buttons of the remote on the **"RX MULTI"** receiver on the control board. The first button will be recorded in **"CHANNEL 2"** and will control the master gate. And the second button will be recorded in **"CHANNEL 1"** and will control the slave gate.

2. - Once we have made step 1, press the **"PROG TIME"** button on the control board, the led will remain fixed (programming is open).

3. - Press **"BUTTON 1"** of the remote the master door will begin to open. Wait for a time and press **"BUTTON 2",** the slave door will begin to open.

4. -Press again the **"BUTTON 1"** to start the soft stop at the master door, and press **"BUTTON 2"** to start the soft stop is slave door. (This function only works if the **"SOFT STOP"** option is activated (option 7).

5. - Press **"BUTTON 1"** again to finish the maneuver of opening in the master door and press **"BUTTON 2"** to finish the maneuver of opening in the slave door.

6. - We will perform the closing maneuver by pressing **"BUTTON 2"** of the remote so that the slave door begins to close. Wait for a time and press **"BUTTON 1",** the master door will begin to close

7. - Press again the **"BUTTON 2"** to start the soft stop in slave door, and press **"BUTTON 2"** to start soft stop is master door. (This function only works if the **"SOFT STOP"** option is activated (option 7).

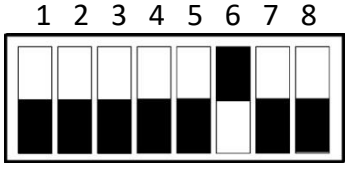
8. - Press the **"BUTTON 2"** again to finish the closing maneuver in the slave door and press "BUTTON 1" to finish the master door closing maneuver

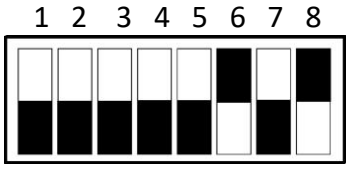
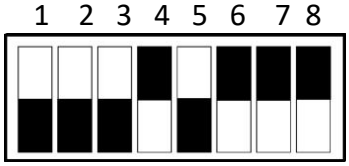
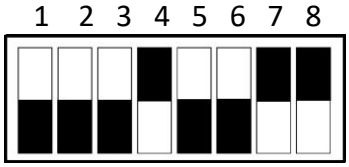
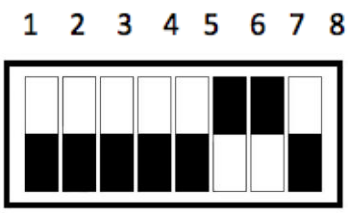
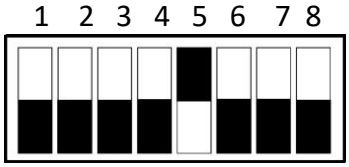
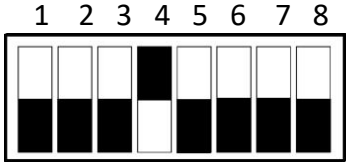
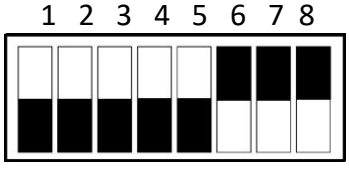
If you use only one motor, make the programming process with gate 1 button.

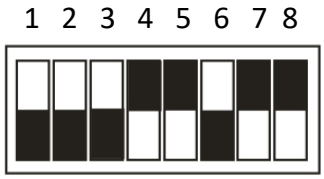
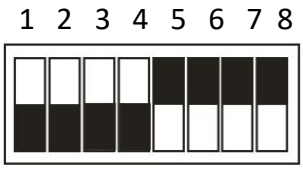
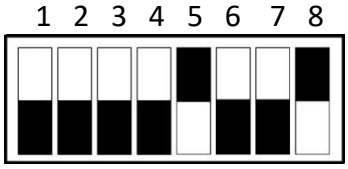
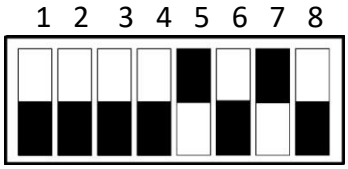
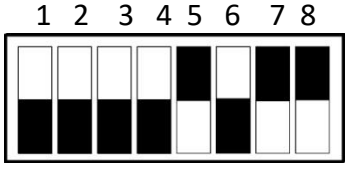
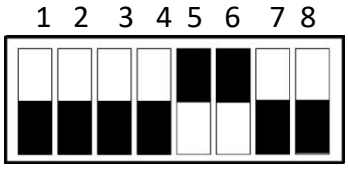
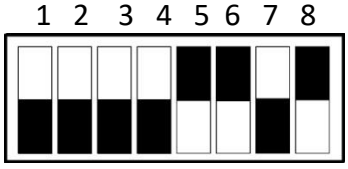
PEDESTRIAN OPTION

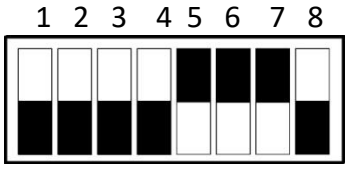
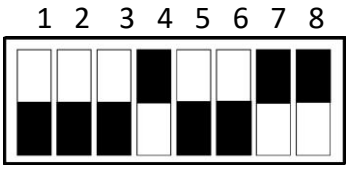
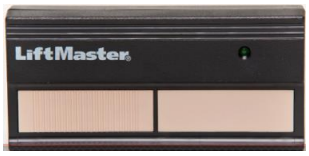
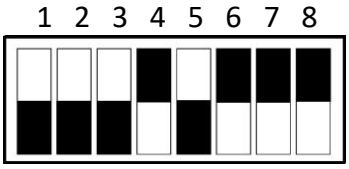
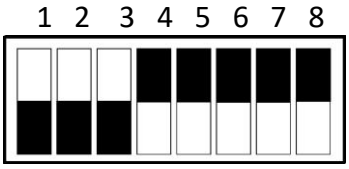
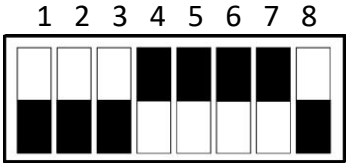
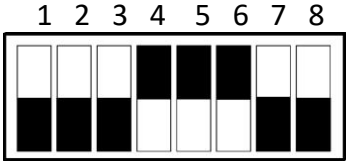
This option will be done by recording on the **channel 1** of the RX MULTI a button different from the one selected to open the door. Each time we press this button we will open or close only the master door. If both doors are open, this option does not work.

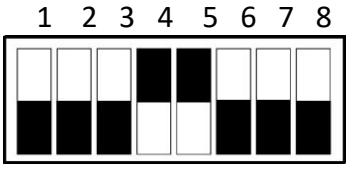
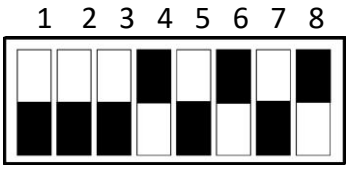
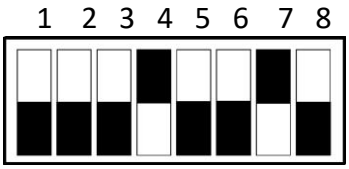
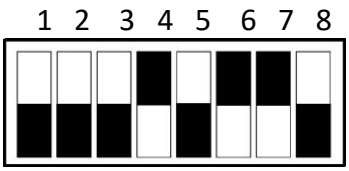
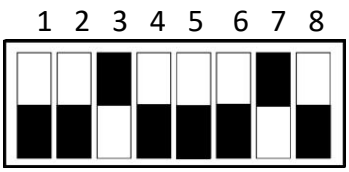
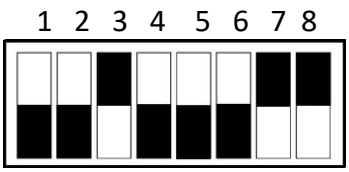
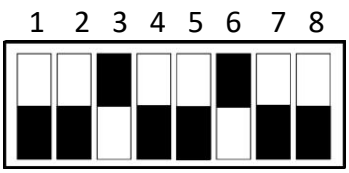
Tabla 1: Selección de Marcas **Table 1: Brand Selection**

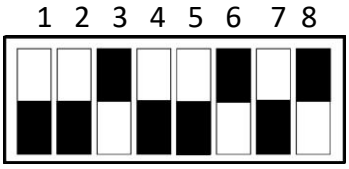
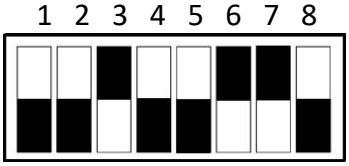
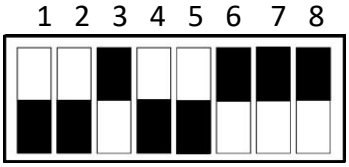
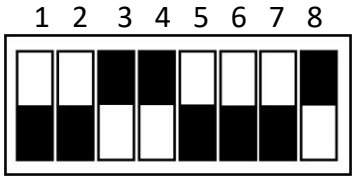
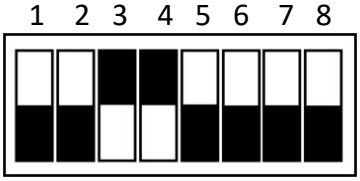
ITEM	SELECTION DIP	BRAND/MARCA	FREQ	ORIGINAL
1		**NICE FLORS**	433.92 MHz	
2		**MARANTEC**	433.92 MHz	
3		**Universal Fixed Code** **Código Fijo**	433.92 MHz	Fixed Code

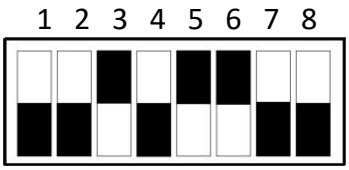
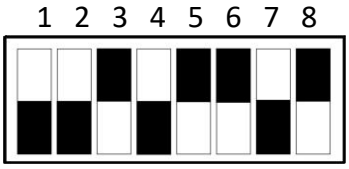
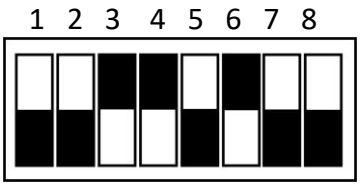
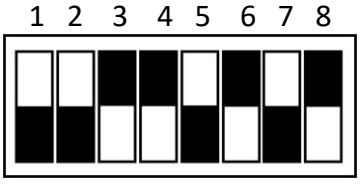
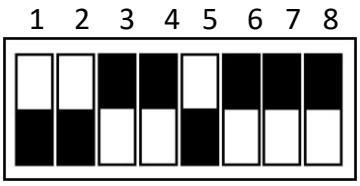
4		**FAAC SLH Rolling Code**	433.92 MHz	
5		**Liftmaster**	315 MHz	
6		**Liftmaster**	390 MHz	
7		**Liftmaster**	433.92 MHz	
8		**Universal Rolling Open Code**	433.92 MHz	Open Code
9		**Universal Rolling Open Code**	315 MHz	Open Code
10		**Universal Rolling Open Code**	318 MHz	Open Code

11		**Universal Rolling Code**	868 MHz FSK	
12		**Universal Rolling Code**	868.3 MHz ASK	
13		**Universal Fixed Code** **Código Fijo**	300MHz	Fixed Code
14		**Universal Fixed Code** **Código Fijo**	310 MHz	Fixed Code
15		**Universal Fixed Code** **Código Fijo**	315 MHz	Fixed Code
16		**Universal Fixed Code** **Código Fijo**	318 MHz	Fixed Code
17		**Universal Fixed Code** **Código Fijo**	330 MHz	Fixed Code

18		**Universal Fixed Code** **Código Fijo**	390 MHz	Fixed Code
19		**Liftmaster Rolling Code Billioncode**	390 MHz	
20		**Liftmaster Rolling Code**	315 MHz	
21		**Hormann Marantec Berner**	868 MHz	
22		**FAAC SLH**	868 MHz	
23		**Prastel**	433.92 MHz	

24		**Sommer**	868 MHz	
25		**Sommer**	433.34 MHz	
26		**Liftmaster Rolling Code**	868 MHz	
27		**Clemsa Mastercode**	433.92 MHz	
28		**DITEC**	315 MHz	
29		**DITEC**	390 MHz	
30		**DITEC**	433.92 MHz	

31		**V2**	315 MHz	
32		**V2**	390 MHz	
33		**V2**	433.92 MHz	
34		**MARANTEC**	868.80 MHz	
35		**JCM TECH**	868.3 MHz	
36		**JCM GO**	868.3 MHz	

37		**Aprimatic** **Encrypted Code**	433.92 MHz	
38		**Aprimatic** **Encrypted Code**	868.3 MHz	
39		**P.N.C.**	868.3 MHz	
40		**MAP**	868.3 MHz	
41		**FORSA**	868.3 MHz	
42		**ALMA**	868.3 MHz	