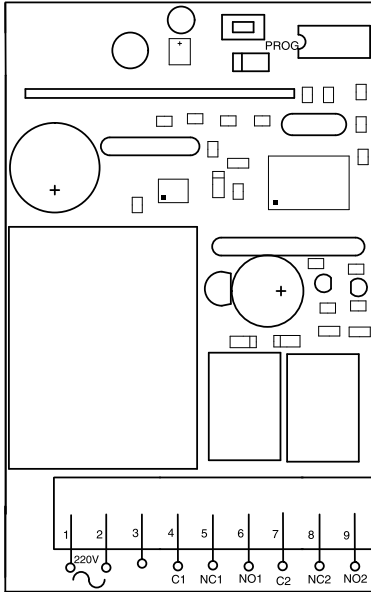


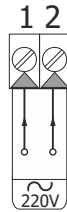
## 1. APPLICATIONS

- Smart control product range, intelligent code, safe, reliable and cannot be copied.
- Receiver for any automatic system.
- Multy function selection.
- Option to use Smart transmitters with Hopping Code or fixed code.

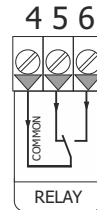
## 2. CONNECTIONS



POWER SUPPLY

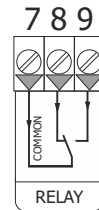


RELAY 1 OUTPUT





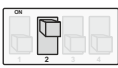





**C1** Common relay 1  
**NC1** Normally closed  
**NO1** Normally open

RELAY 2 OUTPUT

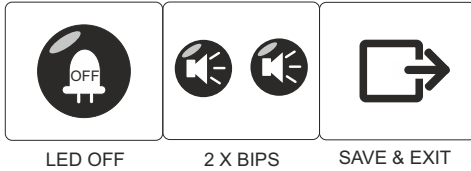
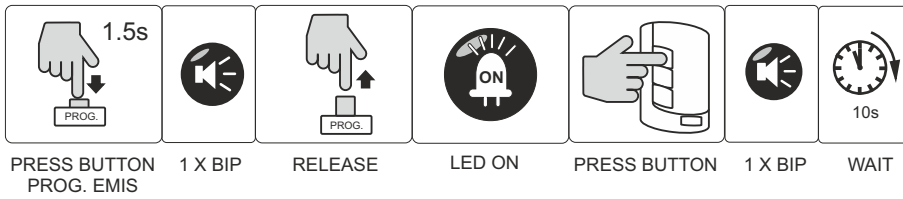


**C1** Common relay 2  
**NC2** Normally closed  
**NO2** Normally open

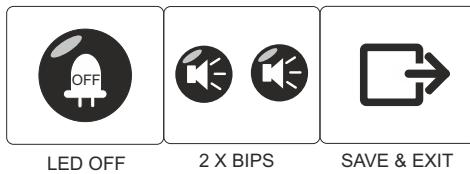
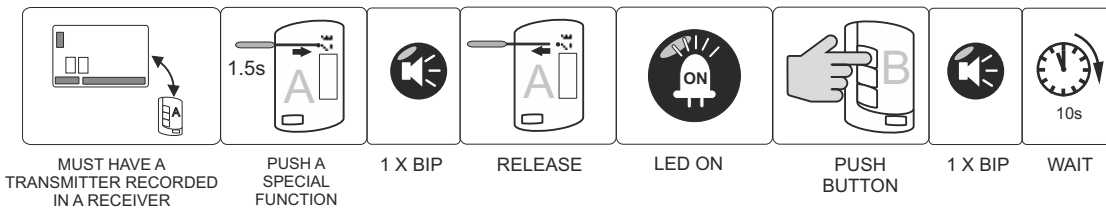
## 3. OPTIONS

1	OPTION FUNCTION RELAYS / PREDETERMINED FUNCTIONS		- Assigns each relays according to the order of memorization of the first two codes. The first transmitter button pressed is assigned to the 1st relay. The second button pressed is assigned to the second relay.
			- Default relays assignment: Function (button) 1, first relay. Function (button) 2, second relay.
2	HOPPING CODE / FIXED CODE		- Hopping code.
			- Fixed code.
3	RADIO PROGRAMMING		- Allows the transmitters radio programming and transmitters manual programming. (see points 4. y 4.1)
			- Allows only the transmitter manual programming. (see point 4.)
4	RELAY 1 FLIP-FLOP / RELAY 1 PULSE		- Relay 1 flip-flop mode. Activated – Deactivated – Activated ..., according to signal.
			- Relay 1 Pulse mode. Relay maintains activated during signal reception (Deadman).

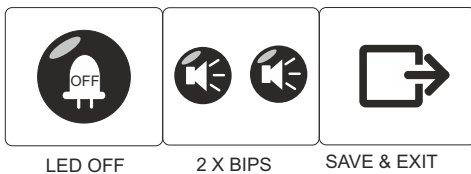
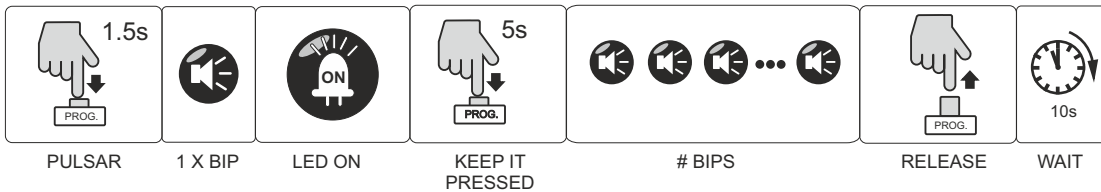
## 4. TRANSMITTER MANUAL PROGRAMMATION



### 4.1 TRANSMITTER RADIO PROGRAMMING



### 4.2 MEMORY RESET



#### TECHNICAL SPECIFICATIONS

Power	230V AC +/- 10%
Max. Power consumption	0.5A (230v) 65mA(12V) 80mA(24V)
Outputs:	
Fixed outputs	2 Relay 1A/30V
Available codes	2.097.152.281 Millions
Encryption technology	Hopping code
Key Encryption	64 bits
Detection of errors during transmission	2 CRC bits
Error detection	31/255/1000 different codes
Number of codes	Self learning
Function selection:	
1 relay	Memorizes in function of the code
2 relays or more	Predetermined function or program
Latch relays	Position 1 programmable
Frequency	433.92MHz OR 868,35MHz
Certificates	ETS300-220/ETS300-683
Spurious emissions	< -57dBm
Sensitivity	< -104dBm
Range	60m
Access control	YES
Temperature	0 to 70°
Antenna	17cm / 8,5cm

## WARNING!!

- Equipment installation and start-up, can only be executed by qualified personal.

CE DECLARATION OF CONFORMITY  
For more information visit the website [www.aerf.eu](http://www.aerf.eu)

