



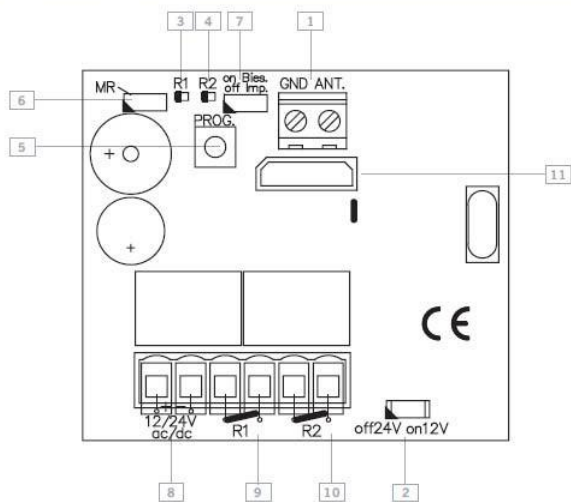
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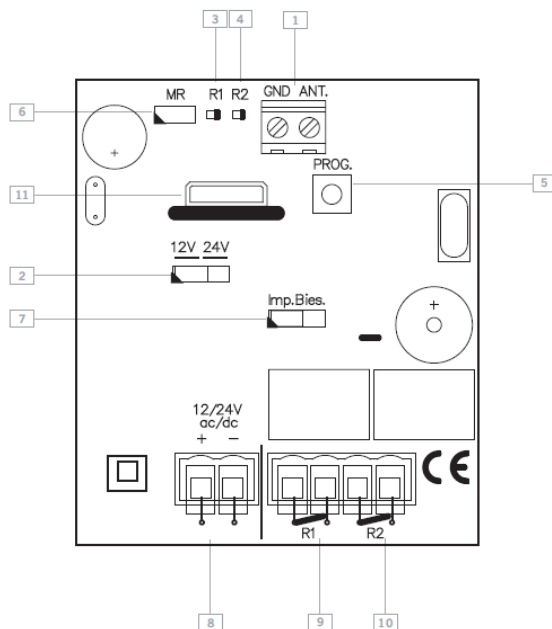
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BASE30 & BASE500 Manual

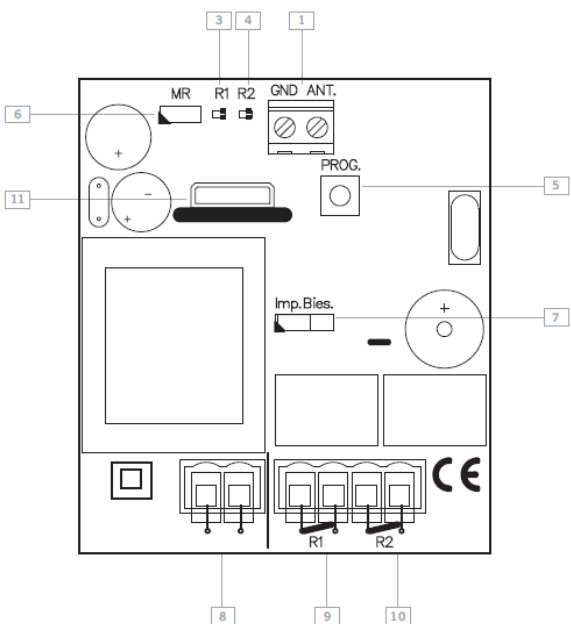
BASE30-1 / BASE30-2



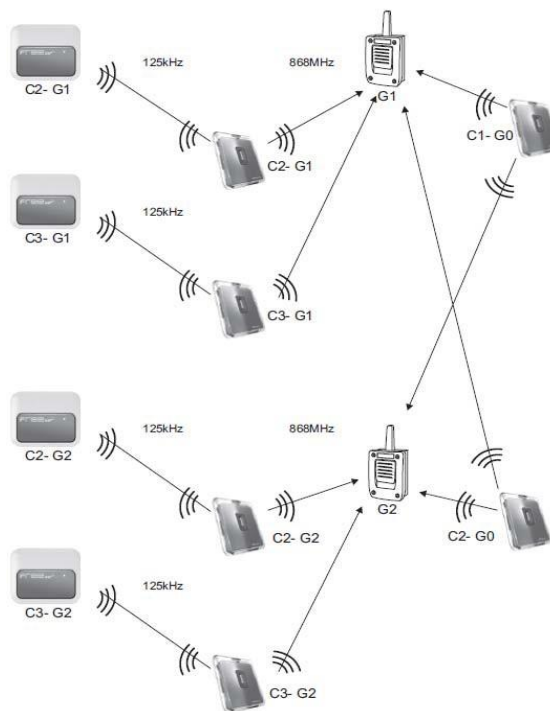
BASE500-1B / -2B



BASE500-1 / -2



GROUPS



C=channel
G=group
N.B. Group 0 enables all groups.

- | | | |
|--|---|---|
| <p>1 Conexión antena
Connexion antenne
Antenna connection
Anschluß Antenne</p> <p>2 Selector 12/24V
Sélecteur 12/24V
Jumper 12/24V
Jumper 12/24V</p> <p>3 Led activación canal 1
Led d'activation canal 1
Channel 1 operation led
Kanal 1 Aktivierungs-LED</p> <p>4 Led activación canal 2
Led d'activation canal 2
Channel 2 operation led
Kanal 2 Aktivierungs-LED</p> | <p>5 Pulsador programación
Bouton programmation
Programming pushbutton
Programmierungstaste</p> <p>6 Fuente reset
Pont de reset
Jumper reset
Jumper reset</p> <p>7 Microswitch Imp/Biestable
Microinterrupteur Imp/Bistable
Microswitch Imp/Bies
Microswitch Imp/Bies</p> <p>8 Alimentación
Alimentation
Power supply
Stromzufuhr</p> | <p>9 Salida de relé 1
Sortie relais 1
Relay 1 output
Relais 1</p> <p>10 Salida de relé 2
Sortie relais 2
Relay 2 output
Relais 2</p> <p>11 Conexión tarjeta memoria
Connexion carte de mémoire
Memory card connection
Anschluß Speicherkarte</p> |
|--|---|---|

TECHNICAL CHARACTERISTICS

	BASE30-1 / BASE30-2	BASE500-1 / BASE500-2	BASE500-1B / BASE500- 2B
Frequency	868,35MHz		
Coding	High security rolling code		
Memory	30 codes	500 codes	500 codes
Number of relays	1 / 2 relays	1 / 2 relays	1 / 2 relays
Supply	12/24V ac/dc ±10%	230Vac ±10%	12/24V ac/dc ±10%
Relay contacts	1A	1A	1A
Standby/Op. consumption	18mA / 80mA	10mA / 15mA	60mA / 90mA
Op. temperature	-20°C to +85°C		
Watertightness	IP54 (with glands IP65)		
Size	63x57x25mm	63x74x25mm	63x74x25mm
Box dimensions	82x190x40mm		

INSTALLATION AND CONNECTIONS

Attach the rear part of the housing to the wall using the plugs and screws supplied. Pass the cables through the bottom of the receiver. Connect the power cables to the terminals marked in the mother board, as indicated. Fix the receiver front to the rear part using the screws supplied.

OPERATING

The pilot lights are activated every 5 seconds to indicate the correct supply of power to the equipment. Upon receiving a code, the receiver checks whether it is in its memory, activating the corresponding relay. The relay activation mode is selected in either impulse or ON/OFF using the Imp/Bies jumper (only with the relay 2). For adjustment of relay 1, see manual of the programming tool.

PROGRAMMING

Manual programming

Press the receiver programming button for 1 sec. and an acoustic signal will be heard. The receiver will enter programming (see table). If the receiver programming button is held pressed down, the receiver will pass cyclically from one configuration to the next. Once the programming configuration for the transmitter to be registered has been chosen, send the code to be programmed by pressing the transmitter. Every time a transmitter is programmed, the receiver will issue an acoustic signal for 0.5 sec. After 10 seconds without programming or pressing the first two transmitter buttons, the receiver will exit programming mode, issuing two acoustic signals of 1 sec. If upon programming a transmitter the receiver memory is full, it will issue 7 acoustic signals of 0.5 sec. and exit programming.

Configuration of transmitter programming in the receiver	Led R1	Led R2
Standard programming (default option, the receiver always is configured in multichannel)		
The relays are activated 1st relay by channel 1 and 2nd relay by channel 2 (3rd relay by channel 1 and 4th relay by channel 2)	Flashing	Flashing
Special programming		
Press the transmitter channel to activate the relay 1 on the receiver	ON	OFF
Press the transmitter channel to activate the relay 2 on the receiver	OFF	ON
Press the transmitter channel to activate the two relays at once *	ON	ON

* If working in ON/OFF activation mode, relay 1 will act as impulse and relay 2 as ON/OFF. Therefore, on the first press relay 1 will close and open the contact and relay 2 will only close. On the second, relay 1 will close and open the contact and relay 2 will open.

N.B.: Each transmitter can be configured independently on the receiver.

Total reset

In programming mode, the programming button is held down and the "MR" reset jumper is bridged for 3 secs. The receiver will issue 10 short acoustic warning signals followed by others at a faster pace to indicate that the operation has been successful. The receiver is now in programming mode.

After 10 seconds without programming or quickly pressing the programming button, the receiver will exit programming mode, issuing two acoustic signals of 1 sec.

GROUPS

Receivers can be configured with a group (from 0 to 7) so that there is no interference when working near each other.

GROUP CONFIGURATION

The configuration can be carried out with the programming tool or by self-programming as follows.

Self-programming After the receiver has been totally reset, it will be configured with the group of the first radio-programmed transmitter by enabling the hands free mode.

Exception: If the receiver has been configured using programming tools, the group may only be changed with the programming tool.

Operations On powering the receiver, the led R1 will flash the same number of times as the group number with which it is configured.

USE OF THE RECEIVER

These receivers are designed for use as remote controls for garage doors. Their use is not guaranteed for directly activating any other equipment different to that specified. The manufacturer reserves the right to modify equipment specifications without prior notice.

WARNINGS

Disconnect the power supply before handing the unit.

In compliance with the European Directive low-voltage electrical equipment, we hereby inform users of the following requirements:

- For units which are permanently connected, an easily accessible circuit-breaker device must be built into the wiring system.
- This unit must always be installed in a vertical position and firmly fixed to the structure of the building.
- This unit must only be handled by a specialised installer, by his maintenance staff or by a duly trained operator.
- The instruction manual for this unit must always remain in the possession of the user.
- Terminals of maximum section 3,8mm² must be used for the power supply connections.
- Use time delayed fuses.

CE DECLARATION OF CONFORMITY

Hereby, **JCM TECHNOLOGIES, S.A.**, declares that this BASE30-1, BASE30-2, BASE500-1, BASE500-2, BASE500-1B,

BASE500-2B is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

See website www.jcm-tech.com

