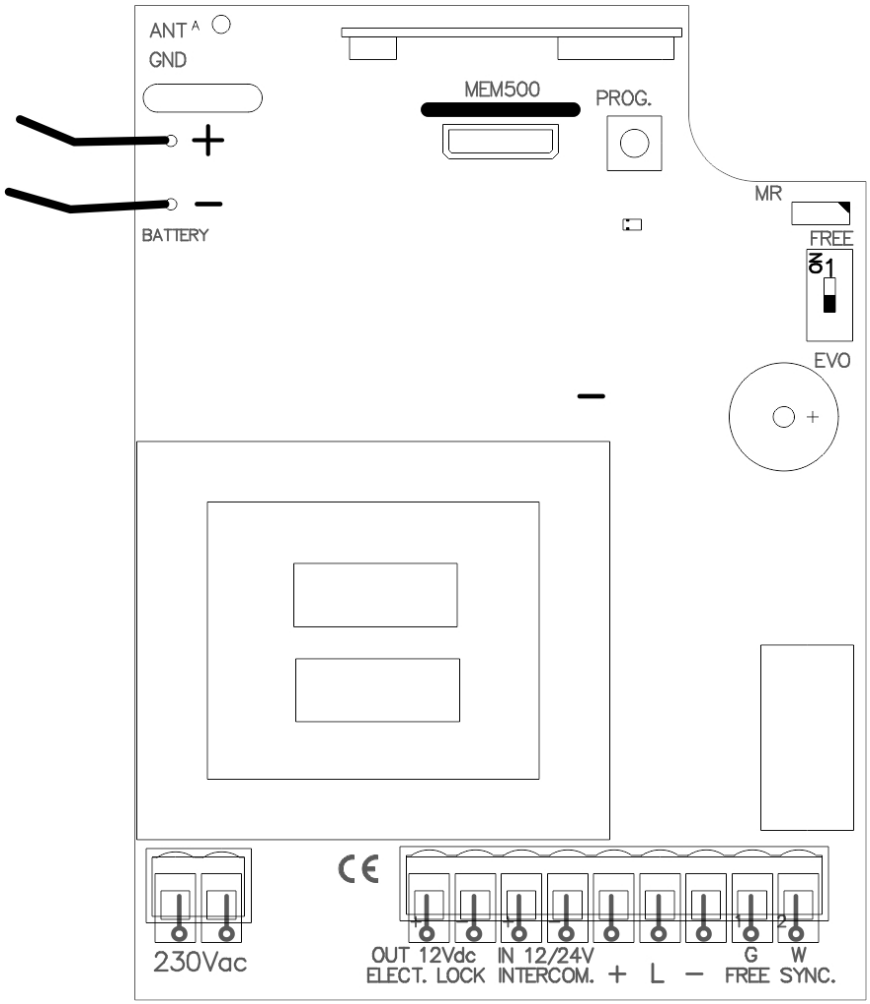
BASELEC500

User's Manual GB

Tri-technology 500 codes receiver with an electrolock output and an optional battery supplyment system.

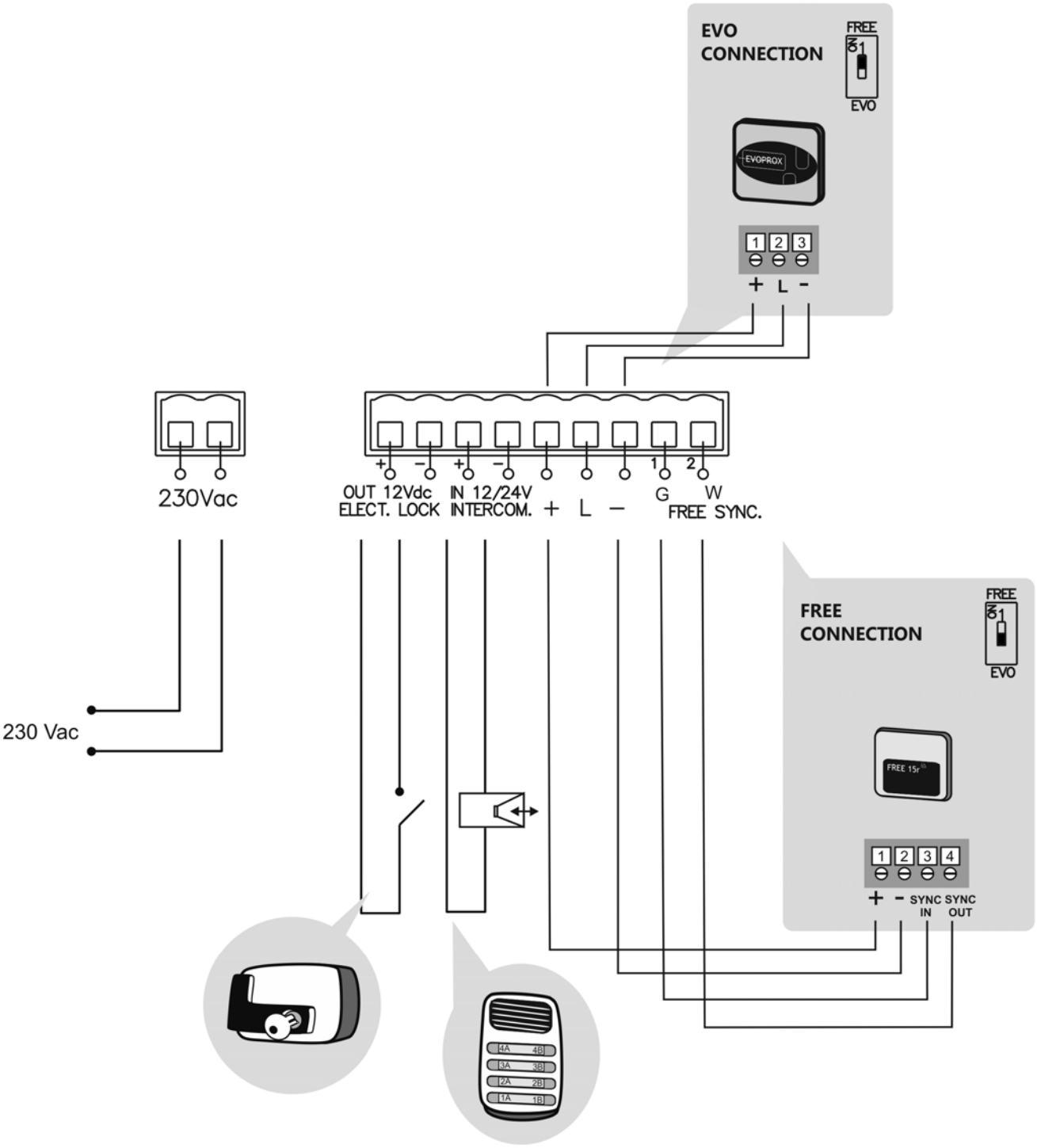
Technical characteristics

Frequency	868,35MHz
Coding	High security rolling code
Memory	500 codes
Relay contacts	1
Power supply range	230V ac ± 10%
Standby/Op. Consumption	37mA / 53mA
Intercom input	12/24V ac/dc
Electrolock output	12Vdc
Acess control output	BUS-L (max. 3 readers without external power supply)
Connection FREE system	Input and output synchronism
Working temperature	-20ºC a +70ºC (when battery from 0ºC to 40ºC)
Watertightness	IP55
Box dimensions	190x140x80mm



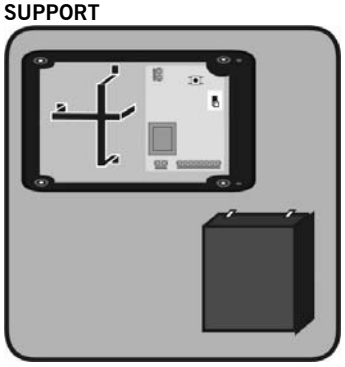
Installation and connections

CONNECTIONS

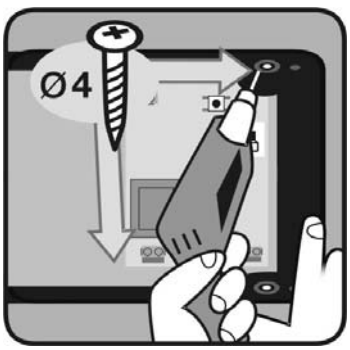


INSTALLATION

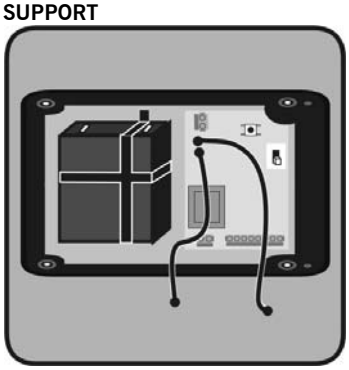
UNSCREW THE BATTERY SUPPORT



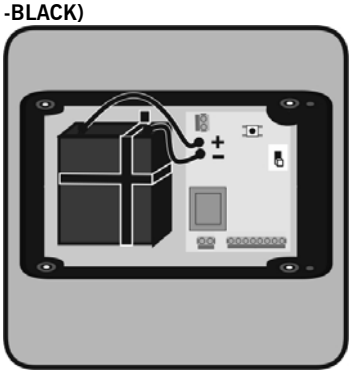
FIX THE BOX TO THE WALL



PLACE BATTERY AND SECREW SUPPORT



CONNECT THE BATTERY (+WHITE, -BLACK)



Configuration

OPERATION MODE CONFIGURATION

The equipment can operate with proximity system or Free system, but not both at once. Select the switch position for the desired performance.

SWITCH	OFF	ON
1	Proximity mode BUS-L (EVOPROX)	Hands free mode with FREE 15R

Note: A wrong selection of the proximity device that is being used will cause an inoperation or a power consumption increase during the emergency mode.

RECEIVER SETTINGS

It can be operate with Soft-Assistant to manage code memory of the receiver.

SETTING TIME RELAY ACTIVATION

Press the programming button for 1s, the LED turns on and the equipment beeps. Hold down the programming button and the equipment enters in a cyclical sequence of four beeps. Each of these signals indicates a preset time relay activation. Stop pressing the button beeps when the desired time appears.

Acoustic signal	Time relay activation
1 	3 seconds
2 	5 seconds
3 	7,5 seconds
4 	9,5 seconds

Operation

NORMAL OPERATION

The R1 light indicator is activated each 5 seconds showing the correct power supply of the equipment.

When the equipment receives a code it checks automatically if it is in the memory, and it actives the corresponding relay.

If the battery is not connected or it is not working properly, the receiver will make three acoustic signs each time it is activated by the transmitter.

EMERGENCY MODE

If the power supply falls down and the battery is connected, the system will switch to emergency mode.

- If it is working with the MOTION system, the EVOPROX will be activated every 8 seconds out of 22. During this period, the activation will be ready only one second
- If it is working with the FREE system, the FREE 15R will be available 1 second out of 10.

Programmation

MANUAL PROGRAMMING

Press the receiver programming button for 1 second, the light indicator will turn on and an acoustic signal will be heard. The receiver will enter standard programming. Send the code and the channel to be programmed by pressing the corresponding button of 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 programming button, or the first two buttons of the transmitter (depending on the programming mode) 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.

TOTAL RESET

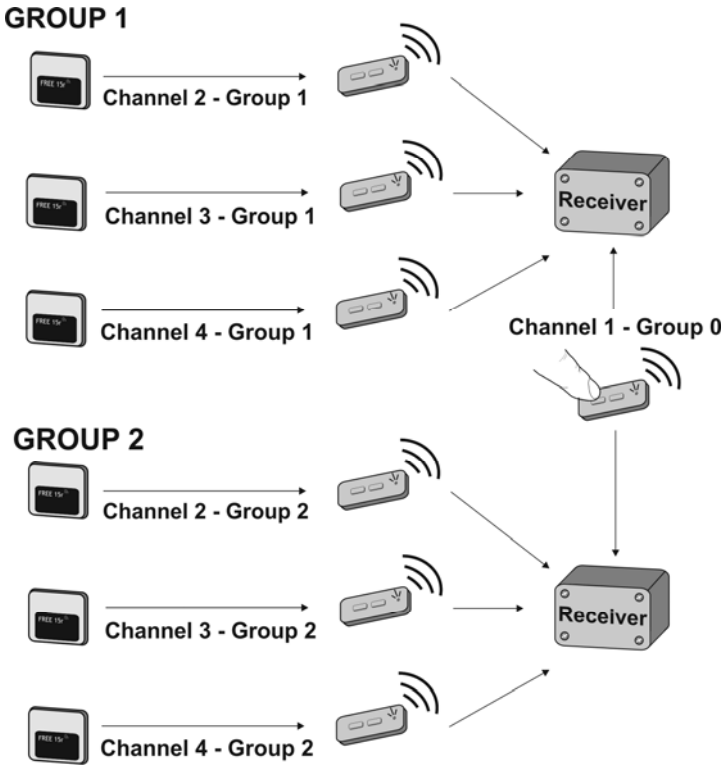
In programming mode, the programming button is held down and the “MR” reset jumper is bridged for 10 seconds. The receiver will issue 10 short acoustic warning signals followed by others at a faster pace to indicate that the operation has been successful. The receiver is now in programming mode. The programming light indicator will also follow the sound indications issuing intermittent lights.

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

Free System Operation

MOTION GROUPS

This equipment can work with the group identification of the system FREE. Receivers can be configured with a group (from 0 to 7) that allows management of up to 28 doors independently.



GROUPS CONFIGURATION

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

Maintenance

USE OF THE CONTROL PANEL-RECEIVER

This equipment is intended to be used for remote control systems in automatic 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.

IMPORTANT ANNEX

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.
· The two working frequencies does not interfere each other.

Hereby, **JCM TECHNOLOGIES, S.A.**, declares that this **BASELEC500** is in compliance with the essential requirements and other relevant provisions of 1999/5/CEE Radio and Terminal Telecommunication Equipments Directive, and also 2004/108/CEE Electromagnetic Compatibility Directive and 2006/95/CE Low Voltage Directive, insofar as the product is used correctly

CE DECLARATION OF CONFORMITY

See web www.jcm-tech.com