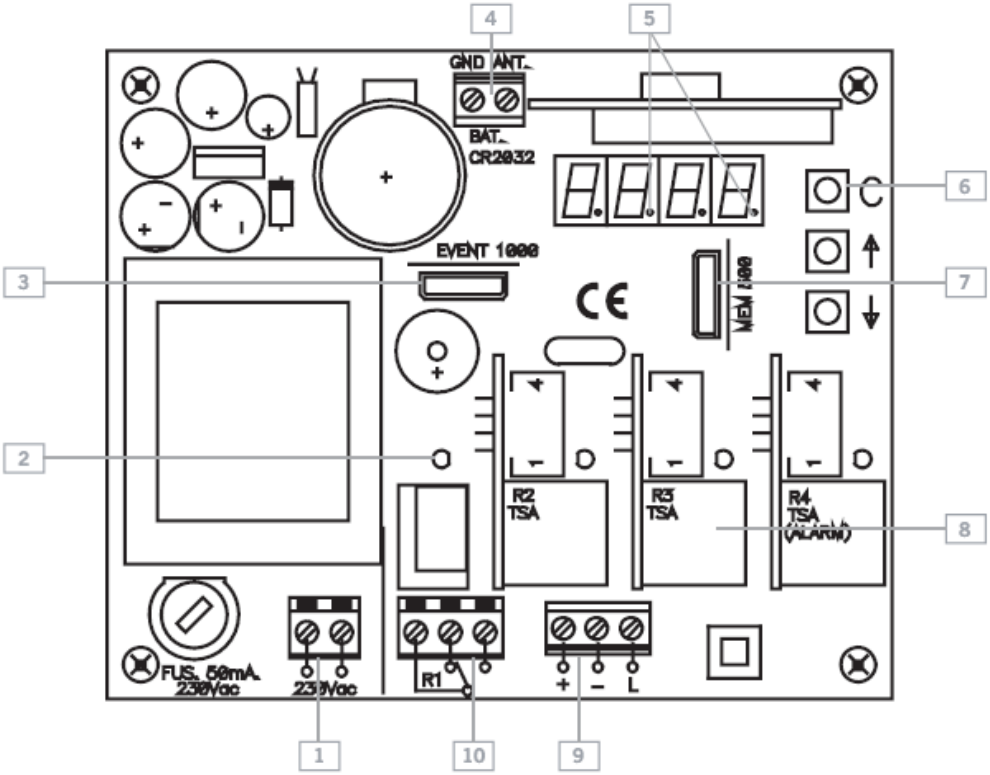
COD. 1247004 / 1.1

ACCES500



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Channel 1 operation led
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9 BUS-L (+, -, L)
BUS-L (+, -, L)
BUS-L (+, -, L)
BUS-L (+, -, L)
BUS-L (+, -, L)
BUS-L (+, -, L)
BUS-L (+, -, L)

10 Salida de relé 1
Sortie relais 1
Relay 1 output
Relais 1
Salida relè 1
Relais 1
Saída de relé 1

TECHNICAL CHARACTERISTICS

	ACCESS-500
Frequency	868,35MHz
Coding	High security rolling code
Memory	500 codes
Events	1000 event card (optional)
Number of relays	1 (expandable to 4)
Anti-panic function	Configurable on relay 4
Alarm function	Only available on proximity equipment with alarm function
Power supply	230Vac ±10%
Relay contacts	1A
Standby / op. consumption	23mA / 42mA
Battery	CR 2032 3Vdc
Access control output (Max. 2 readers without external power supply)	BUS-L
Op. temperature	-20ºC to +85ºC
Watertightness	IP54 (with glands IP65)
Size	115x95x35mm
Box dimensions	140x220x55mm

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 unit. Connect the power cables to the terminals marked in the mother board, as indicated. Fix the unit front to the rear part using the screws supplied.

OPERATION

The lights on the screen blink to indicate correct power supply to the equipment.
On receiving a code the equipment checks if it is in the memory, activating the programmes relay(s).
If the equipment code is not stored in the memory, the equipment will not perform any action, and the message “no” will be displayed on the screen.

MENUS

To access the menu, press any key and enter the password using the ↑ ↓ keys. ↑ increases number, ↓ changes digit, C confirms password. If the password is incorrect, the message “Err” is displayed on screen and the equipment emits a bleep.
The manufacturer set password is written on a sticker located on the memory card.
The menus that will be displayed are: Mod1 (basic mode), Mod2 (advanced mode), ---- (exit).
↑ ↓ are used to change mode. To confirm each option, press the C key.

↑	Menu scrolling key
↓	Menu scrolling key
C	Menu accessing or option validating key

If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

DISPLAY	DESCRIPTION
Mod1	Basic mode: Allows programming in multi-channel mode and individual cancellations.
Mod2	Advanced mode: Allows complete management of the unit: programming (F.1), cancellations (F.2), time configuration (F.3) and relay configuration(F.4).

BASIC MODE (Mode1):
Allows programming in multi-channel mode and individual cancellations.

PROGRAMMING:
The screen displays 001, which indicates the first memory position.
↑ ↓ increase or decrease the memory position. Place in the desired position and press the channel of the transmitter to be programmed. If ↑ ↓ are kept pressed down for more than 3 seconds, the positions increase or decrease rapidly. If a memory position is taken, this will be indicated by a dot on the screen.

CANCELLATIONS:
To delete a code, move to the code position and press the C key. The dot indicating a taken position will disappear. The equipment will emit three short beeps.

To exit the menu, move to the ----- position and press the C key.
If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

ADVANCED MODE (Mod2):
Allows the complete management of the unit: programming (F.1), cancellations (F.2), time configuration (F.3) and relay configuration (F.4).

Function is changed using ↑ ↓. To confirm each option, press the C key.
Events monitoring (only visible using the Assistant).

F.1 PROGRAMMING
Standard programming (Mr_P) (default option, multi-channel mode)
The screen displays the first empty memory position in which we can program a code (M001). With the ↑ ↓ keys we can increase or decrease the memory position. If ↑ ↓ are kept pressed down for more than 3 seconds, the positions increase or decrease rapidly. If a memory position is taken, this will be indicated by a dot on the screen.

To return to the previous menu, move to the ----- position and press the C key.
If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

Special programming (Mr_1 … Mr34)
Allows selection of the relays that will be activated with the channel programmed from the transmitter. Example: If you wish to program Channel 1 of the transmitter so that relays 1 and 3 activate, you need to select option Mr13.
The screen displays the first empty memory position in which we can program a code (M001).

Using ↑ ↓, we can increase or decrease the memory position. If ↑ ↓ are kept pressed down for more than 3 seconds, the positions increase or decrease rapidly. If a memory position is taken, this will be indicated by a dot on the screen.

To return to the previous menu, move to the ----- position and press the C key. If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

F.2 CANCELLATIONS

Individual cancellation

To delete a code, move to the position where the code is located and press the C key. The dot indicating a taken position will disappear. The equipment will emit three short beeps.
To return to the previous menu, move to the ----- position and press the C key.
If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

Total reset

Move to any memory position and keep the C key pressed down for more than 5 seconds. The equipment will emit 10 warning beeps followed by others at a more rapid frequency, indicating that the operation has been performed.

F.3 TIME CONFIGURATION

Allows the unit's date and time to be configured, enabling the correct management of events.
The event memory stores the date and time of the event, the type of event, the code, the number and the model of the device. The events can be shown using the Assistant programming tool.

Display	Configuration	Values(xx)
d_xx	day	01 - 31
M_xx	month	01 - 12
A_xx	year	00 - 99
h_xx	time	00 - 23
m_xx	minutes	01 - 60

If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

F.4 RELAY CONFIGURATION

Allows configuration of the relay activation timing, and in relay 4, allows configuration of timing if it is to be used as an anti-panic function.

Display	Bi-stable configuration (biES)	Impulse configuration (Im__)	Anti-panic configuration (Al__)
r1	Yes	01 – 30 seconds	Non
r2	Yes	01 – 30 seconds	Non
r3	Yes	01 – 30 seconds	Non
r4	Yes	01 – 30 seconds	01 – 15 minutes

To return to the previous menu, move to the ----- position and press the C key.
If no action is performed, the equipment exits the program automatically after a period of 60 seconds and emits two short beeps.

ALARM FUNCTION

This function is only configurable using the Assistant programming tool and is only available on proximity elements where the alarm function is implemented.
Allows for the enabling of a different relay to that programmed by default, reading the device a certain number of consecutive times in a maximum time of 5 seconds between each reading.
Example: the proximity element enables relay 1 by default and with the alarm function it will enable relay 3 on reading the device 4 consecutive times.

MESSAGES

Display	Type de message
OcuP	Displayed when attempting to register a code in a position which is already taken Skips to the first free position emitting a beep.
rEP	Displayed when attempting to register a code which is already programmed in another position. Skips to the position where the programmed code is located, emitting a beep, and allows the device to be reprogrammed.
no	Displayed when pressing a device which is not programmed in the unit.
datE	Displayed when a proximity element is used outside its period of validity.

ERRORS

Display	Type of error
Err.M	Memory error: memory card not inserted or faulty.
Err.M	Memory error: memory card with incorrect format (from other equipment). Emits a beep.
Err.E	Events error: wrong events card.
Err.E	Events error: events card with incorrect format (from other equipment). Emits a beep.
Err	Wrong password

USE OF THE UNIT

These units are designed for the remote control of garage doors, to send the activation commands to control panels in which the card is inserted. Its use is not guaranteed for directly activating units other than those 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.

JCM TECHNOLOGIES, S.A. declares herewith that the product ACCESS-500 complies with the relevant fundamental requirements
as per Article 3 of the R&TTE Directive 1999/5/EG, insofar as the product is used correctly.