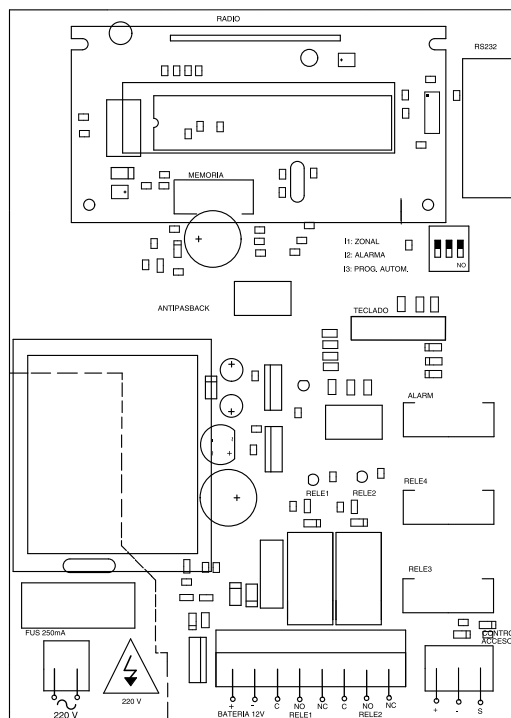
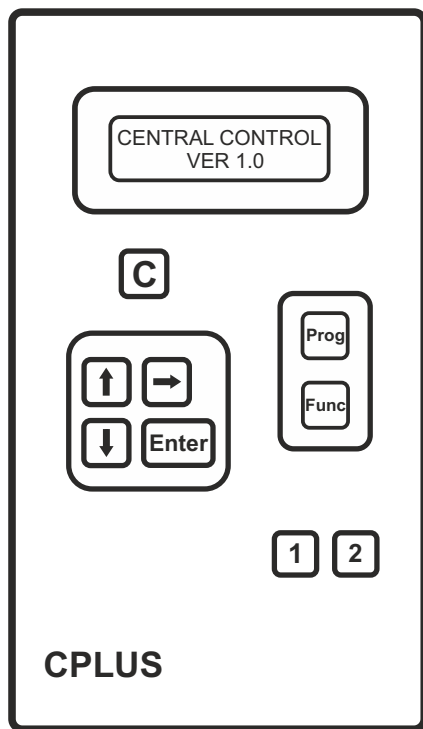


1. CHARACTERISTICS

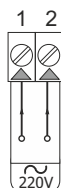
Central access control unit for 2,000 users, activated by radio transmitters or by proximity cards. The main characteristics are:

- 16x2 LCD display communication interface.
- OFF / ON line operation.
- Password protection access.
- Register or remove cards or transmitters individually.
- Outputs through relays with free voltage changeover contacts, 2 in motherboard and 2 in extension cards.
- Output contact ALARM - ANTIPANIC.
- ZONAL mode operation.
- Possibility to connect ANTIPASSBACK card.
- Permissions in the daily schedule control / setmanal calendar. (through soft access)
- Last events recovery.

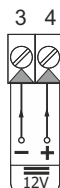


2. TERMINAL CONNECTIONS

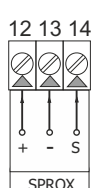
POWER SUPPLY



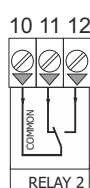
BATTERY



SPROX

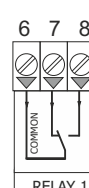


RELAY 2



C Common relay 2
NC Normally closed
NO Normally opened

RELAY 1



C Common relay 1
NC Normally closed
NO Normally opened

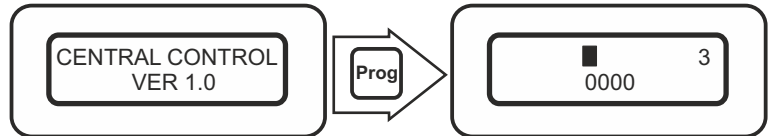
- + Access control power supply. Positive.
- Access control power supply. Negative. Negative
- s Access control. Signal.

3. INSTALLATION

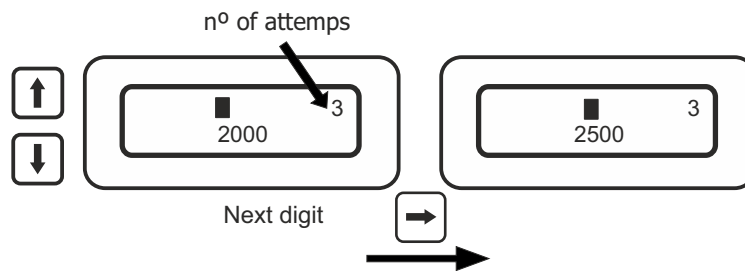
Before proceeding with installation, ensure that the power supply is disconnected.
 In the case of 12 V battery connection, ensure that polarity connection of 3 positive (+) and 4 negative (-) terminals is correct.

4. PASSWORD INPUT

- a) Pressing 'PROG' key activates a long accoustic signal. 0000 appears on the display as an access code.

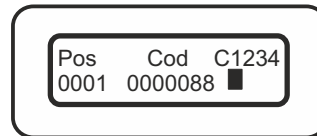


- b) Increase digit (↑)
 Decrease digit (↓)



*** Note: 3 attempts available in 30 seconds to enter the correct code. If is not correct, the central unit will be bloqued for 2 minutes.**

- c) Once the correct password is entered, press the 'Enter' key. If the access code is correct, the programming phase begins and memory position 1 is displayed.



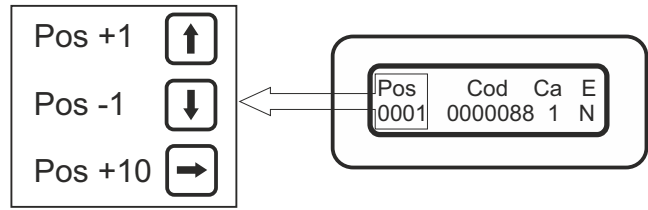
- d) If you want to enter in programming mode and has passed 5 minutes or less of the last programming entry, password will be necessary.

5. OPTIONS SELECTOR

1	OPERATION MODE		Zone. The user access relays can be programmed.
			Normal, each user can access all the relays.
2	ALARM		Relay n°5 works as an anti-panic alarm if a transmitter is activated for over 5 seconds.
			Relay n°5 works normally.
3	AUTOMATIC PROGRAMMING		When programming, after a successful programming the central unit shows the next free position to program.
			When programming, after a successful programming the central unit displays the programmed transmitter position.

6. CODE PROGRAMMING

Use 'increase' (pos +1) 'decrease' (pos - 1) and 'quick increase' (pos + 10) keys to access the memory position from 1 to 2000.



To register a transmitter, go to the free position you wish to occupy and then press the control, an acoustic signal will be heard. If the I3 switch is OFF, the saved code is displayed, if the I3 is ON, it moves on to the next free memory position. (see table in point 5)

To unregister a transmitter, go to the position and press the key 'C'.



To exit the programming, press the 'FUNC' key.



Error details:

The ER 3 message indicates that the position you wish to program is occupied.

The ER 4 message indicates that the transmitter you wish to program is registered in another position.

6.1 PROGRAMMING IN ZONES

If No.1 switch is ON you are working in zone mode and the transmitter only activates the relays you have programmed.

To program a transmitter, go to a free memory position and press the button for the channel you wish to activate. Thus if you press 'button 1' you will activate 'channel 1'.

If you wish to activate another channel with the same transmitter, press the corresponding button. 'C1234' appears on the display, and the channel is marked with a '■'. If the control is already registered, pressing '1' enable or disable 'channel 1'; pressing '2' activates or deactivates 'channel 2'; pressing '2' pressing 'Enter + 1' activates or deactivates 'channel 3 and pressing 'Enter + 2' activates or deactivates 'channel 4'.

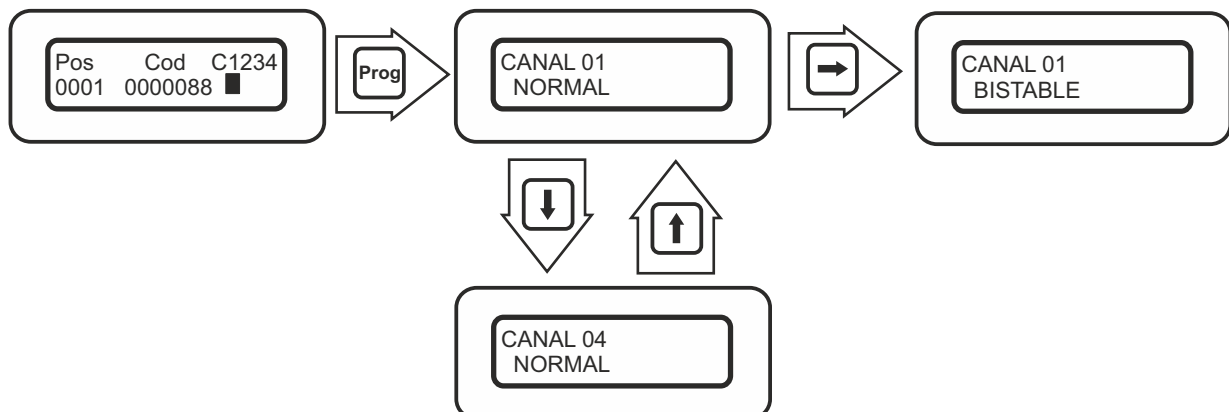
6.2 PROGRAMMING ZONE MODE CODE RESERVES

This is done in the same way as in normal mode. The only difference is the channel selection. In this case 'C1234' appears, The channel selected is marked with a '■'. Move with '→' the channel you wish to mark. With the [↑] key select the channel, and with the [↓] key block the channel.

7.PROGRAMMING OF NORMAL AND BISTABLE CHANNELS

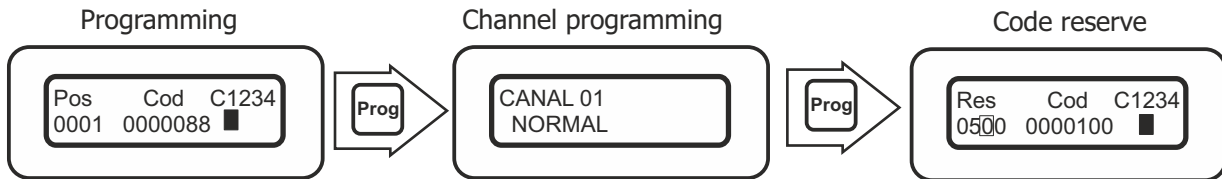
Normal and bistable channel programming is associated with all the memory positions. If a channel is programmed as bistable, all controls are bistable.

Channel selection can be made so that it corresponds to transmitter button 4 or button 5. To do this press the '1' key.



8. PROGRAMMING CODE RESERVES - Option 3 ON -

Estando en programación utilizamos la tecla 'PROG', para cambiar a 'Programación de canales' si volvemos a pulsar 'PROG' la central entre en programación de reservas de códigos. Los códigos empiezan a programarse a partir de la posición de memoria que estamos viendo en programación de códigos.

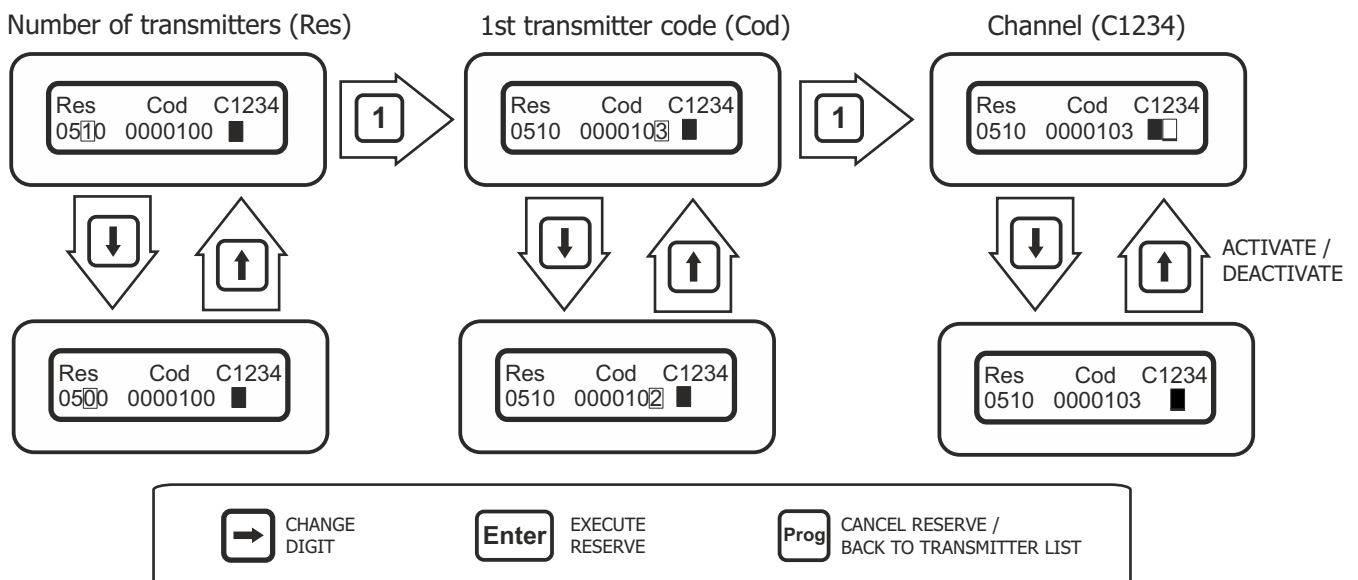


Select 'Res', for the number of transmitters you wish to reserve; 'Cod', for the code of the first control you wish to reserve, and 'C', or channel of the codes you are reserving.

The active number, which is to be increased or decreased, a blinking cursor will appear. To move to the quantity to be modified use the move button (→), and to after the position or to modify, for example, from 'Res' to 'Cod', press '1' key.

Once the 'Res' reserve code number, the code of the first transmitter 'Cod' and its channel have been correctly selected, press 'Enter' and the central unit will be programmed.

If 'PROG' key is pressed while in Reserve Programming, you return to Normal programming.



9. ACCESSORIES

STC Channel Card

- Channel card with a 1A relay and a switched contact.

STC Alarm Card

- Functions as an alarm if I2 is On. Activated by pressing a transmitter for over 5 seconds.

Antipassback Card

- Antipassback and time control card. E.g A user who is inside is allowed to leave but not to enter, thus not allowing several consecutive entering actions to be carried out with the same transmitter or proximity key.

In& out Expansion card - Allows the number of outputs to be increased when there are more than 5 accesses.

TECHNICAL SPECIFICATIONS

Power	220v AC +-10%
Output relays	2 x 10A
Expansion relays	3 x 1A
Anti-panic alarm	Optional relay
Frecuency	433.92MHz
Receiver sensitivity	Better than 104dBm
Standard	Conforms to ETS300 220
Access control	Max. 4 readers
Access to computer	RS232
Antipassback	Optional
Time control	Optional
Operating temperature	0 to 70°

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

