

## ATTENTION

Dear customer, thank you for having purchased a product from AERF. This instructions sheet contains important information about the ways of use and the safety of the installation. Follow the instructions and keep them for future reference. Radio devices cannot be used in the places that have factors of influence such as: close to police stations, airports, banks and hospitals. It is important to carry out a technical control before using radio system. Only use radio frequency when you do not create problems to the functioning of the receivers and the emitters. If more than one installation are functioning in the same frequency, both could be blocked and could not work properly.

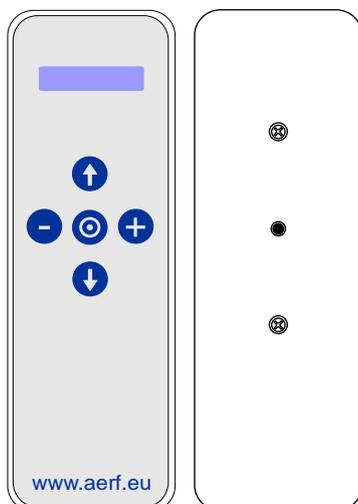
## SECURITY NOTES:

- The equipment must be install it for technical staff and under the normative and law of each aerea.
- Check that the commodity it is complete and it hasn't had any damage durint the transport. Check the power is 230V 50/60 Hz don't depend of electric circuits of lighting.
- Be sure that all the operations of connexion of terminals are done with THE POWER SUPPLY DISCONNECT.
- Program the limit switch of the motor before to connect to the central. Connect the motor with the earth wire.
- If the installation doesn't have any method of disconnection, will be responsibility of the installer provide one.
- In the case that it must install more motors with the radio transmitter in the same installation, the minimum distance between centrals must be 1,5m.
- Lead wires do not over cross the circuit, to avoid malfunction.
- Do not modify or replace pieces without manufacturer authorization.
- The manufacturer will not be responsible of eventual damages of improper installation.

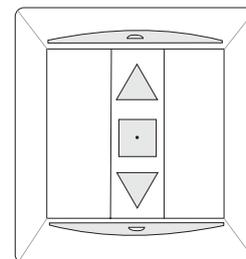


## WARNINGS OF RADIO SYSTEMS

- It is recommended don't use the wireless systems in environments with strong interference (for example, near police stations, airports, banks, hospitals). Before install any wireless system, you should perform a technical inspection to identify possible interference.
- The presence of radio devices working at the same frequency (433.92 MHz) of transmission (for example, alarms or radio headset) can cause interference with the radio receiver of the motor, thus reducing the capacity of the transmitters and limiting the operation of installation.
- The RP1H4 PBX supports the EP and GET transmitters, working on frequency 433.92 MHz.



EP30



EP1 GET

## ELECTRICAL CONNECTIONS

- Make the electrical connections with the power supply off. According to the attached drawing FIG 1.
- Connect the earth wire (yellow/green).

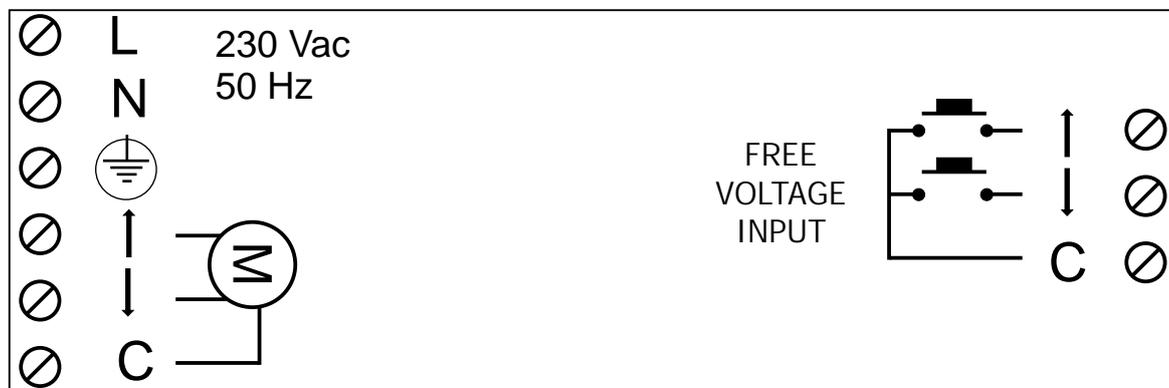


FIG 1

## PROGRAMMING

## First installation

After connect the power supply to the central, press the "PROG" key of the right top of the central, the motor will move up and down to confirm the entrance of programming, immediately press some key of the transmitter to save.

After it, the motor will confirm with small movement. In case that in 8 seconds the central don't receive any valid code, it will out of programming and only could be activated through double press.

## Wall push button

The motor also can be commanded throught a double push button. To order a up or down manoeuvre: Keep hold the desired push button at least 0,5 seconds. For STOP, make a short press (less than 0,5 seconds) any of double push buttons.

## Record a new transmitter

Keep hold the "PROG" push button of a transmitter or of a RP1H4 for 4 seconds, untill the motor makes a 2 small movements to indicate the programming state of the central; then realese the "PROG" push button. Approximately have an 8 seconds to press ,  or  of the new transmitter.

## Delete a transmitter from memory

Keep hold the "PROG" push button of a transmitter or of a RP1H4 for 4 seconds, untill the motor makes a 2 small movements to indicate the programming state of the central; then realese the "PROG" push button. Approximately have an 8 seconds to press ,  or  of the transmitter wants to be deleted.

## Reset

Keep hold the "PROG" push button of a transmitter or of a RP1H4 for 10 seconds, until the motor makes a 2 small movements and the 4 movements more to indicate that the memory has been completely deleted.

## TECHNICAL SPECIFICATIONS

Power supply	220V AC +/- 10%
Working temperature	-20°C + 85°C
Max drive power	600 w.
Rolling code	Yes
Frequency	433,92 Mhz

## WARNING!!

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

## CE DECLARATION OF CONFORMITY

Aplicaciones electrónicas y de Radiofrecuencia S.L. Pol. Sot dels Pradals C/ Sot dels pradals, 4 08500 Vic (Barcelona) B61840732 DECLARES, under her own responsibility that product It is designed and manufactured in accordance with the directives LV 2006/95/CE of Low Voltage, EMC 2004/108/CE of Electromagnetic Compatibility, 2006/42/CE Machines directive and is designed to control doors in accordance with standard EN13241-1 (2004) and complies with the requirements of the R&TTE 99/05/CE European parliament directive of March 9th 1999. This directive was transposed to the Spanish legislation by means of Real Decree 1890/2000 in November 20th of 2000, directive 1999/5/CE spectrum radio electric protection, electromagnetic compatibility directive 2004/108/CE. For more information visit the website [www.aerf.eu](http://www.aerf.eu)

