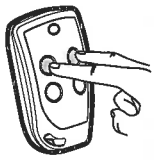
11.4 MANUAL PROGRAMMING

In the case of standard installations where no advanced functions are required, it is possible to proceed to manual storage of the transmitters, making reference to programming table A and to the example for basic programming.

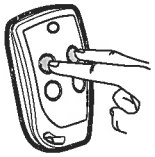
1) If you wish the transmitter to activate output 1, press pushbutton PR1, otherwise if you wish the transmitter to activate output 2, press pushbutton PR2.
2) When LED DL1 starts blinking, press hidden key on the transmitter, LED DL1 will remain continuously lit.
3) Press the key of the transmitter to be memorized, LED DL1 will flash quickly to indicate that it has been memorized successfully. Flashing as normal will then be resumed.
4) To memorize another transmitter, repeat steps 2) and 3).
5) To exit memorizing mode, wait for the LED to go off completely or press the key of a remote control that has just been memorized.



Hidden key

IMPORTANT NOTE: ATTACH THE ADHESIVE KEY LABEL TO THE FIRST MEMORISED TRANSMITTER (MASTER).
In the case of manual programming, the first transmitter assigns the key code to the receiver; this code is necessary in order to carry out subsequent cloning of the radio transmitters.

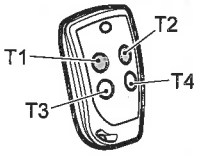
11.5 SELF-LEARNING MODE PROGRAMMING



Hidden key

This mode is used to copy the keys of a transmitter already stored in the receiver memory, without accessing the receiver.
The first transmitter is to be memorised in manual mode (see paragraph 11.4).

a) Press hidden key on the transmitter already memorised.
b) Press key T on the transmitter already memorised, which is also to be attributed to the new transmitter.
c) Within 10 s., press hidden key on the new transmitter to be memorised.
d) Press key T to be attributed to the new transmitter.
e) To memorise another transmitter, repeat the procedure from step (c) within a maximum time of 10 seconds, otherwise the receiver exits the programming mode.
f) To copy another key, repeat from step (a), having waited for the receiver to exit the programming mode (or after disconnecting the receiver from the power supply).

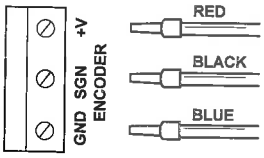


12. TROUBLESHOOTING GUIDE

1) ACQUISITION MODE AND POWER OUTAGES

Acquisition mode is activated automatically after a power outage. The barrier moves slowly in this mode to locate the position of the mechanical end stops.
The control unit exits acquisition mode automatically when an opening cycle and a closing cycle are completed in succession.
The control unit automatically adjusts the motor deceleration ramp in relation to the weight of the barrier and the ambient temperature. It may take a number of opening and closing cycles for the ramp to be set correctly. During this period, the bar may not stop smoothly at the end of travel.

2) ENCODER CONNECTIONS



13. ATTENTION

NOTE: Installation should always include all the accessories necessary to ensure operation in accordance with current laws and standards, utilising always and only original parts.
Always follow the manufacturer's instructions for using and installing this equipment as he cannot be considered liable for any damages or injury arising from an improper or unreasonable use.
The constructor declines all responsibility for any inaccuracies contained in this leaflet and reserves the right to make alterations at any time without prior notice.

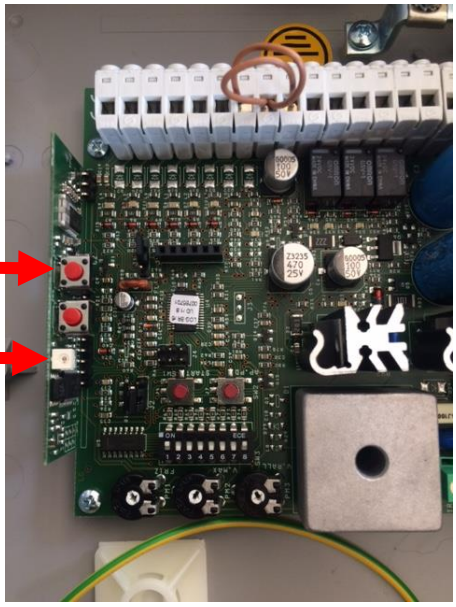
Tools Required:

- Phillips Screwdriver

Fob Programming Instructions:

1) Take out Control Board and remove cover with phillips screwdriver

2) Press red button on left closest to connector blocks (LED will start flashing - programming mode)



3) Whilst LED is flashing on the board, press top 2 buttons at the same time on remote fob then release (LED will stay on), then press the button you would like to be used to open the barrier. The LED on the board will flash 3 times quickly to signify that the remote is synced correctly.

4) Carry out step 4 for all your remote fobs. If the LED light stops flashing (programming mode timed out) carry out step 3 again to re-enter programming mode.