



Rollerdor

THE ROLLER GARAGE DOOR SPECIALISTS

RD3X2(A) Control Box

Installation guide for Roller Shutters with no vehicle/pedestrian access

Edition 2022/1





1. INSTALLING RECEIVER BOX

- 1 Remove the lid of the receiver box by unscrewing small screw at bottom (**fig.1A**) and then sliding the lid up, being careful to remove plug-in cable from board (**fig.1C**).
- 2 Place the Receiver box on the wall with the cable pointing downwards at a comfortable height to operate the push buttons, but out of the easy reach of children. Between 1500mm up from the floor and 300mm down from the roof/ceiling is recommended.
- 3 Making sure the box is square, mark the two fixings (one top and one bottom), then drill and secure with fixings (**fig.1B**).
- 4 If you have a safety brake with a cable then run the two core cable from the safety brake end across to the same end as the receiver box, making sure to securely fix the cable out of the way of the working mechanism.
- 5 For ease of installation, undo the terminal clamp at the bottom (**fig.1D**).

6 Wiring as follows (fig.2 & fig.3);

Pre wired Mains Power:

- N – Neutral / Blue power cable
- L – Live / Brown power cable
- Earth – Earth power cable

Motor:

- L – Brown motor cable (4 core)
- R – Black motor cable (4 core)
- Earth – Earth connection motor cable (4 core)
- N – Blue motor cable (4 core)

Safety Brake:

Remove red link wire from G and S, wire 2 core cable as follows;

- G – Blue safety brake cable (2 core)
- S – Brown safety brake cable (2 core)

Special Attention: red link wire from G to U
MUST STAY IN

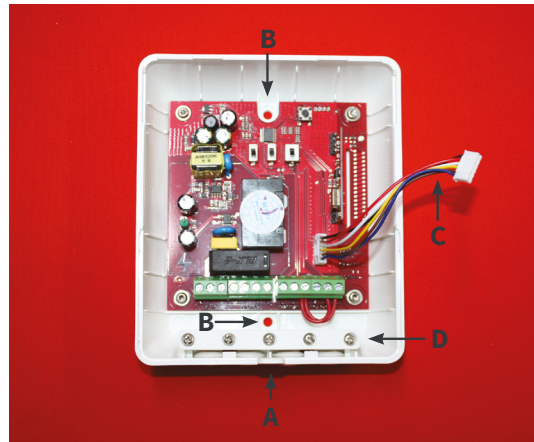


fig.1

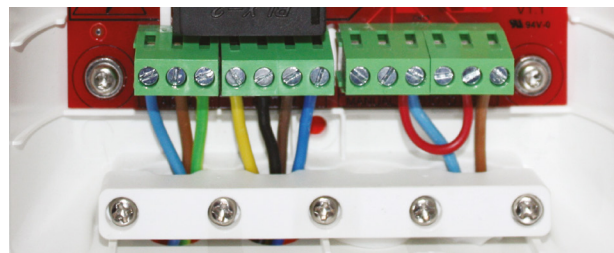


fig.2 (with safety brake)

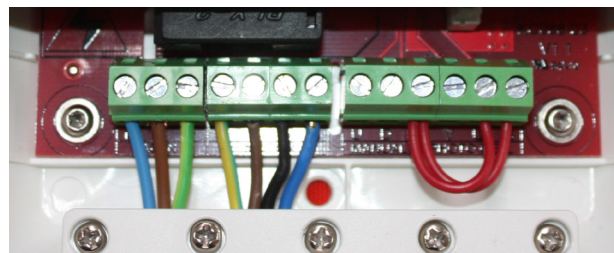


fig.2 (no safety brake)

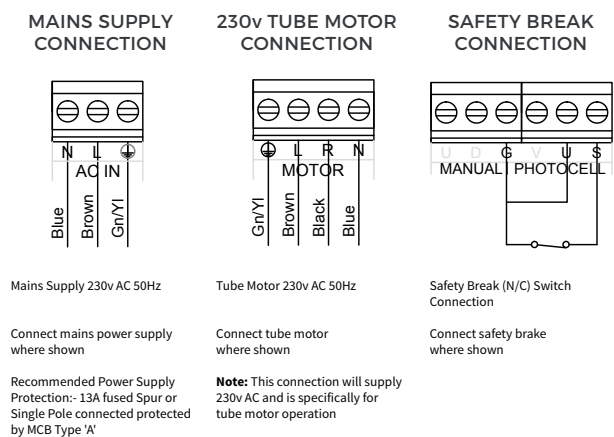


fig.3

2. PROGRAMMING REMOTE CONTROL HANDSETS

- 1 Re-attach the front box cable to the board.
- 2 Press and hold the bottom button (▼), if the barrel moves then the handset is already programmed in. Repeat with all other handsets.
- 3 If not programmed then press and release the black programming button located at the top of the receiver box (fig.5). The green LED on the front cover will start flashing.
- 4 Press and hold the top button on the handset (▲). The green LED will flash faster and go out.
- 5 Test handset by pressing either direction, the barrel should move. Repeat with all other handsets that need programming.



fig.4

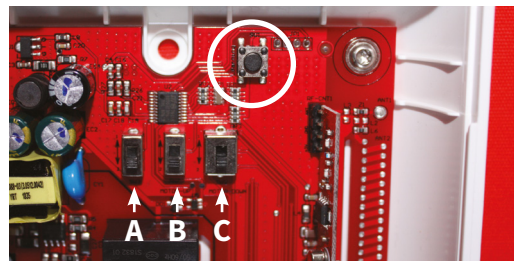


fig.5

DELETING REMOTE CONTROL HANDSET'S MEMORY

- 1 Press and hold the black programming button for roughly 3 seconds. The green LED will flash three times, go solid, then rapidly flash. Keep hold until flashing stops.
- 2 Test to see if remote operates barrel.

DIRECTION OF ROTATION

- 1 Press and hold the bottom button (▼) on the handset and the barrel should start turning in the downwards direction. Should the barrel be turning in the up direction, press the middle stop button (■) so the barrel stops and then move the left of the three dip switches up (fig.5A).
- 2 Press and hold the bottom button (▼) on the handset, and the barrel should start turning in the downwards direction.
- 3 Press and hold the right-hand button (▼) on the front of the receiver box and the barrel should start turning in the downwards direction. Should the barrel be turning in the up direction, press the middle button (■) on the front of the receiver box so the barrel stops and then move the right of the three dip switches up (fig.5C).
- 4 Press and release the down button (▼). If the barrel continues in closing direction, press the stop button and flick the middle dip switch up (fig.5B). You should now have to press and hold the down button for the barrel to move in the closing direction, hold until barrel stops moving.



3. OPTIONAL EXTRAS

HARD WIRED ROCKER / KEY SWITCH

WIRING AS FOLLOWS:

Receiver Box Green 6 Block Terminal (fig.6):

- U – Up wire from switch
- D – Down wire from switch
- G – Common wire for the supply to the switch

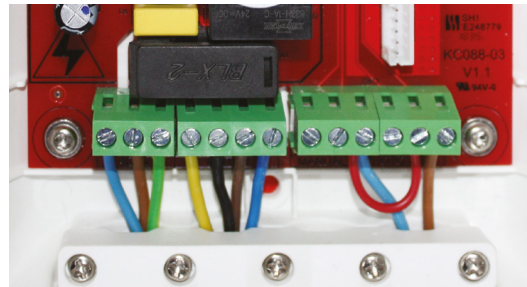


fig.6

Rocker Switch (fig.7):

- 4 – Up wire
- 3 – Down wire
- 5 – Common wire for the supply to the switch
- Fit Link wire from 5 to 2

To open rocker switch remove screws.

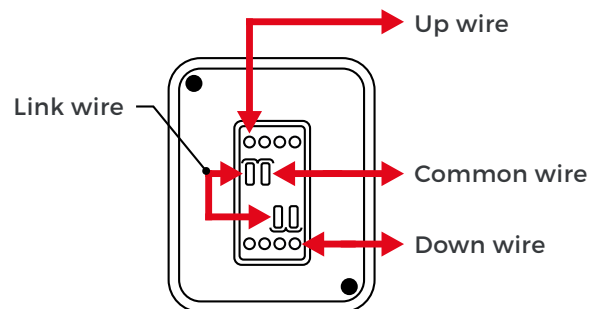


fig.7

Key Switch (fig.8):

- Right Block 13 – Up wire
- Left Block 14 – Down wire
- Right Block 14 – Common wire for the supply to the switch
- Left Block 13 – Right Block 14 Link wire between terminals

To open key switch remove screw then turn key a quarter turn.

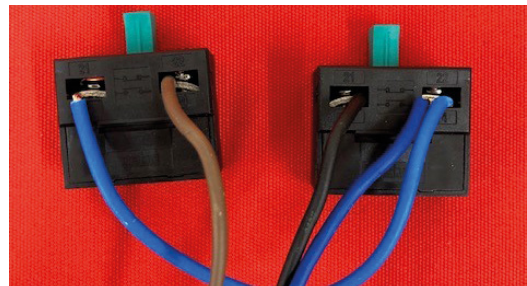


fig.8A

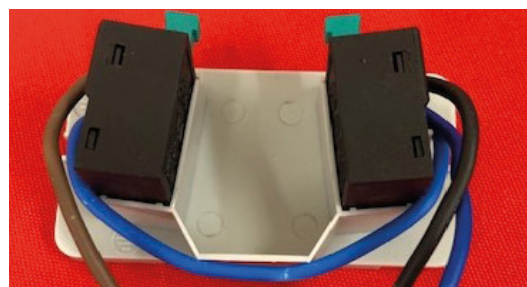


fig.8B

Rollerdor Ltd
10 & 12 Jarrold Way
Bowthorpe Employment Area
Norwich
Norfolk NR5 9JD

+44 (0)1603 743215
sales@rollerdor.net
www.rollerdor.net

Company Registration Number. 10676267

Registered Office Address:
Rollerdor Ltd, Bankside 300 Peachman Way,
Broadland Business Park, Norwich,
Norfolk, United Kingdom, NR7 0LB

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