RD2X2 CONTROL BOX QUICK START GUIDE

Installation guide for Roller Shutters with no vehicle/pedestrian access

Rollerdor
THE ROLLER GARAGE DOOR SPECIALISTS

A quick guide for qualified installers. For full installation and safety information refer to the RD2X2 Control Box Installation Guide, Edition 2022/1.

ROLLERDOR ADVICE

Read the full RD2X2 Control Box Installation Guide before installation.

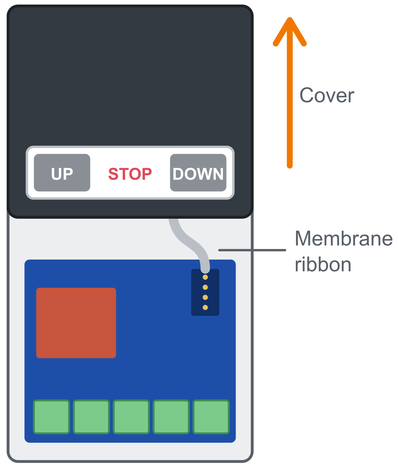
If no safety brake then link wire MUST stay in.

Connector blocks are not provided and further fittings may be required.

1 REMOVE THE COVER

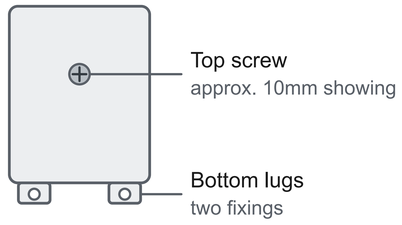
Cover
Carefully remove the cover by sliding it upwards from the enclosure.

Membrane ribbon
A membrane ribbon runs from the buttons on the box to the internal pcb board. Remove it from the pcb board by pulling carefully upwards.



2 MOUNT THE RECEIVER BOX

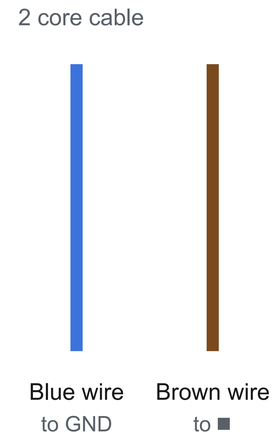
1. Drill a 6mm hole roughly at the centre of where the receiver box will be fixed.
2. Fit a 6mm wall plug and one of the supplied screws, leaving approx. 10mm of screw head and thread showing.
3. Slide the box flat against the wall and over the screw. Check it is level and square, then mark the two fixings at the bottom.
4. Remove the box, drill 6mm holes at the marks and fit the remaining wall plugs.
5. Slide the box back over the top screw and secure the bottom two lugs with the fixings provided.



3 RUN THE SAFETY BRAKE CABLE

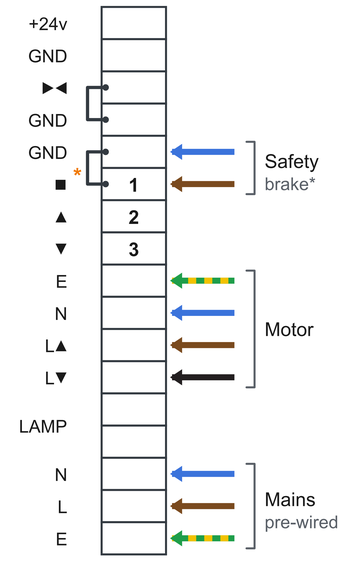
If you have a safety brake with a cable, run the two core cable from the safety brake end across to the same end as the receiver box.

Fix the cable securely out of the way of the working mechanism.



4 CONNECT THE WIRING

Remove the green 4 terminal motor connector from the board to see the letters underneath. Wire as shown.



*Remove link when fitting a safety brake. If no safety brake, the link wire MUST stay in.

WIRE COLOURS

MOTOR	COLOUR
E	Green / Yellow
N	Blue (4 core)
L▲	Brown (4 core)
L▼	Black (core)

SAFETY BRAKE	COLOUR
GND	Blue
■	Brown

MAINS (PRE-WIRED)	COLOUR
N (Neutral)	Blue
L (Live)	Brown
E (Earth)	Green / Yellow

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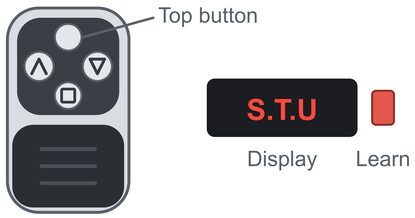
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5 PROGRAM HANDSETS

1. Slide the black cover down on the handset to reveal four buttons.
2. Press and hold the left button ▲, then the right button ▼, one at a time. If the barrel moves, the handset is already programmed. Repeat with all handsets. If all are programmed, go to next step. If not, carry on to 3.
3. Press and release the red Learn button, top right of the board next to the display. The display shows S.T.U.
4. Press and release the top button on the handset twice.
5. S.T.U flashes quickly to indicate success.
6. Repeat for all handsets.

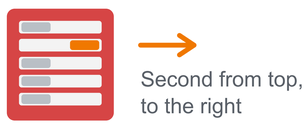


6 DIRECTION OF ROTATION

1. Press and hold ▼ on the handset. The barrel should move down. If it turns upwards, press stop ■.
2. If it turned upwards, swap the black and brown motor wires in the green motor connector.
3. Re-attach the membrane ribbon to the 4 pins on the top right of the pcb board.
4. Press and hold ▼ on the handset. The barrel should close. If it turns upwards, press stop and reverse the membrane ribbon on the pins.

Closing must be hold-to-run

5. Press and release ▼. If the barrel keeps closing, press stop, then flick the second from top DIP switch (bank of 5, top left of the board) to the right.
6. Now press and hold ▼ to close. Hold until the barrel stops moving.



7 KEY/ ROCKER SWITCH (OPTIONAL)

For a hard wired key or rocker switch, wire it to the receiver box green 4 block terminal.

Key switch

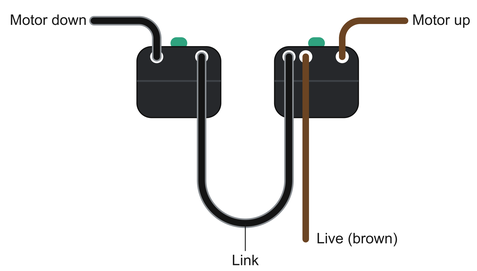
BLOCK	CONNECTION
Right 13	Up wire
Left 14	Down wire
Right 14	Common wire + link
Left 13	Link from Right 14

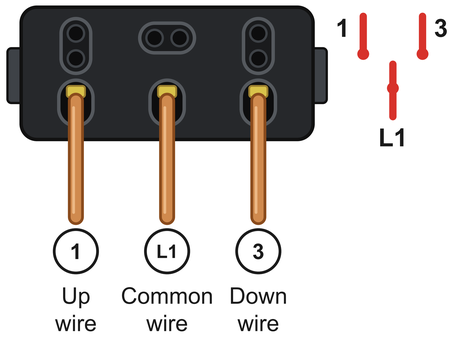
Receiver box

TERMINAL	CONNECTION
1 ■	Common wire
2 ▲	Up wire from switch
3 ▼	Down wire from switch

Rocker switch

TERMINAL	CONNECTION
1	Up wire
3	Down wire
L1	Common wire





DELETING HANDSET MEMORY

1. Press and hold the red Learn button (top right of the board, next to the display) until the display shows D.E.L, then release.
2. Press and release the Learn button again. The D.E.L display should flash.
3. All handsets should now be deleted. Test a handset to check this has worked.

INSTALLER NOTES

- Mains power is pre-wired (N, L, E).
- Closing must be hold-to-run. See step 6.
- Pictures are for illustration purposes only.

ROLLERDOR TECHNICAL SUPPORT

01603 743215 sales@rollerdor.net www.rollerdor.net

ROLLERDOR ADVANTAGE

- Ready for quick and easy installation
- UK technical support you can rely on

This guide is intended as a quick reference only.
Installation must be carried out by a competent person.
Always refer to the RD2X2 Control Box Installation Guide, Edition 2022/1.

Revision 0.1
October 2026