RD3X2 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 RD3X2(B) Control Box Installation Guide, Edition 2022/1.

ROLLERDOR
ADVICE

Read the full RD3X2(B) Control Box Installation Guide before installation.

Red link wire from G to U MUST stay in.

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

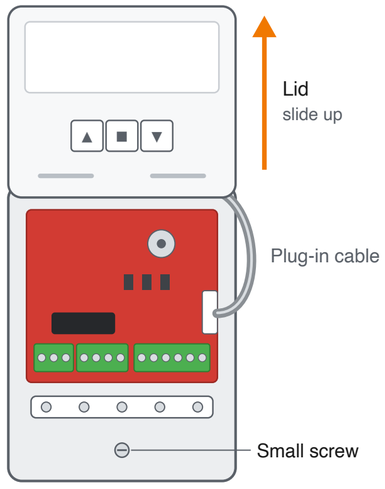
1 REMOVE THE LID

Lid

Unscrew the small screw at the bottom of the box, then slide the lid up.

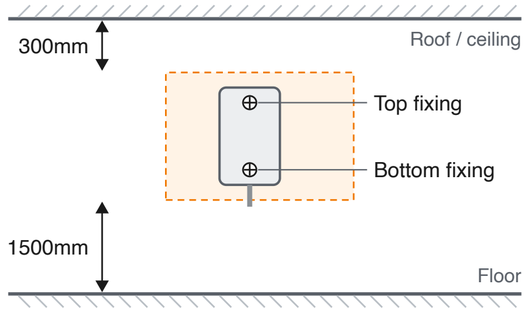
Plug-in cable

Carefully remove the plug-in cable from the board.



2 MOUNT THE RECEIVER BOX

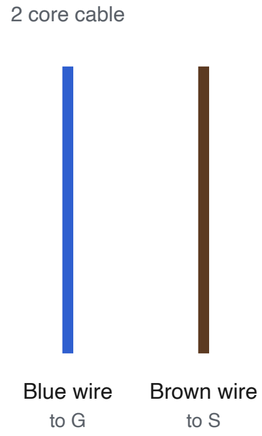
1. Place the receiver box on the wall with the cable pointing downwards, at a comfortable height to operate the push buttons, but out of easy reach of children.
2. Between 1500mm up from the floor and 300mm down from the roof/ceiling is recommended.
3. Making sure the box is square, mark the two fixings (one top and one bottom), then drill and secure with fixings.



3 RUN THE SAFETY BRAKE CABLE

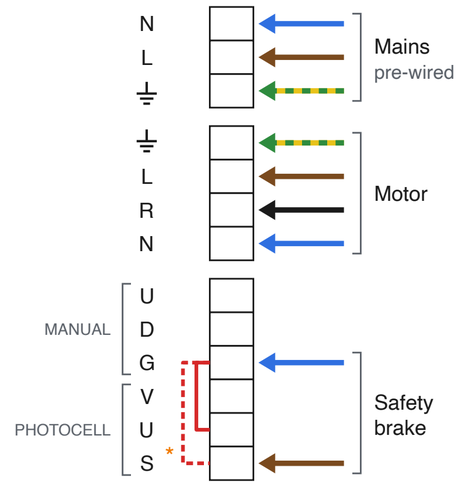
If you have a safety brake with a cable, run the two core cable from the safety brake end across to the same end as the receiver box.

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



4 CONNECT THE WIRING

For ease of installation, undo the terminal clamp at the bottom. Wire as shown.



*Remove the red link wire from G and S when fitting a safety brake. The red link wire from G to U MUST stay in.

The motor connection will supply 230v AC and is specifically for tube motor operation.

WIRE COLOURS

MOTOR (4 CORE)	COLOUR
L	Brown
R	Black
Earth	Green / Yellow
N	Blue

SAFETY BRAKE (2 CORE)	COLOUR
G	Blue
S	Brown

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

Recommended power supply protection: 13A fused spur or single pole connected protected by MCB Type 'A'.

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5 PROGRAM HANDSETS

1 Slide the cover down to see the four buttons.

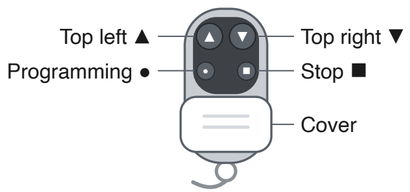
2 Press and hold the top left button ▲, then the top right button ▼, one at a time. If the barrel moves, the handset is already programmed. Repeat with all handsets. If all are programmed, go to next step. If not, carry on to 3.

3 With the handset in your hand, press and release the black programming button at the top middle of the receiver box, just below the fixing screw. The green LED will start to flash.

4 Press and release the bottom left programming button ● on the handset. The green LED will flash faster and go out.

5 Press and hold ▲, then ▼, one at a time, to test. The barrel should move.

6 Repeat with all other handsets that need programming.



6 DIRECTION OF ROTATION

1 Press and hold ▼ on the handset. The barrel should turn downwards. If it turns upwards, press stop ■ on the handset, then move DIP switch A up.

2 Press and hold ▼ on the handset. The barrel should turn downwards.

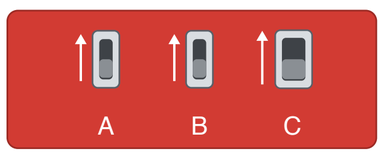
3 Reconnect the plug-in cable to the board.

4 Press and hold ▼ on the receiver box. The barrel should turn downwards. If it turns upwards, press ■ on the receiver box, then move DIP switch C up.

Closing must be hold-to-run

5 Press and release ▼ on the receiver box. If the barrel keeps closing, press ■ on the receiver box and flick DIP switch B up.

6 You should now have to press and hold ▼ on the receiver box to close.



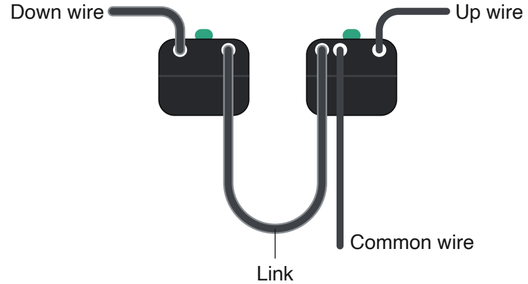
DIP switches
move up

7 KEY / ROCKER SWITCH (OPTIONAL)

For a hard wired key or rocker switch, wire it to the receiver box green 6 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

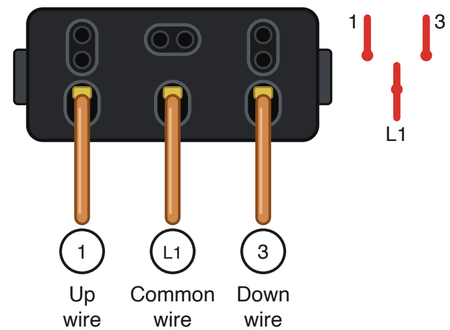


Receiver box

TERMINAL	CONNECTION
U (Manual)	Up wire from switch
D	Down wire from switch
G	Common wire

Rocker switch

TERMINAL	CONNECTION
1	Up wire
3	Down wire
L1	Common wire



DELETING HANDSET MEMORY

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

INSTALLER NOTES

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

ROLLERDOR TECHNICAL SUPPORT

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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 RD3X2(B) Control Box Installation Guide, Edition 2022/1.

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