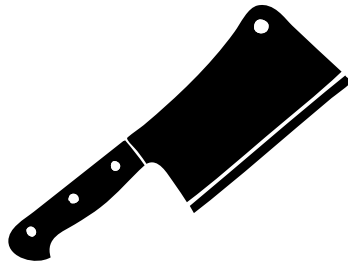


SHORT ----- CUTS



*All business
No bullsh*t*

LOLUX | 24V & 230V

FAST | 24

ARRRGH!

Fed up trying to read the manufacturer's manuals? Short Cuts are written by Aussies, for Aussies.

Made inhouse at Downee, Short Cut manuals are created using our own real-world experience. We've chopped the fat, leaving only the meaty bits you need to get a gate system rocking.

Can't find your reading glasses? No worries! Look for our Short Cut videos in the "Tech Area" on our website or check out our YouTube channel.

INDEX PAGE

2	The Gate
2	Guide Post
2	Concrete Pad
2	Motor & Base
3	Rack
4	Programming
5	Custom Settings
6	Accessories - Wiring Diagram



Look for Short Cuts install videos on our website.



BEFORE YOU START

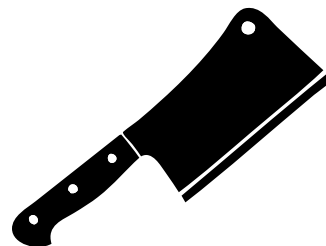
TOOLS TO GET THE JOB DONE

- Pliers
- G-Clamp
- Wire Strippers
- Phillips Head Screwdrivers
- A small flat blade screwdriver for wiring
- Socket Set
- Tape Measure
- Marking Pen
- Hammer Drill
- 8mm masonry drill bit and Socket Bit for 10mm or 3/8"
- Angle Grinder/Hacksaw

If there's cable running across a driveway a 230mm angle grinder with masonry grinding disc or a hand held concrete cutter. For cable across a lawn or garden a spade, mattock trench digger.

EXTRA MATERIALS NEEDED

- 2-Core Cable + Earth 1.5mm² flexible cable
- Flexible Conduit



LOLUX KITS

START KIT

These kits include the minimum parts to get a high performing swing gate automation set up.

KIT INCLUDES

- Motor
- Controller & receiver
- Remote (Two)
- Motor Base

PRO KIT

For more advanced installations, the Pro Kit includes two extra remotes and a pair of reflective sensors pre-wired to the controller.

KIT INCLUDES

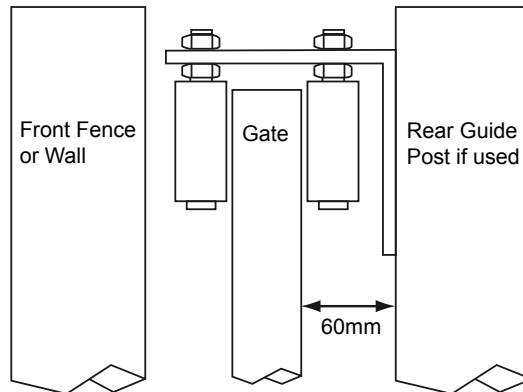
- Motor
- Controller & receiver
- Remote (Four)
- Motor Base
- Reflective Sensor

GATE

The track needs to be level. Check the gate slides without any interference of tight spots during its operation.

GUIDE POST

A post needs 60mm (min.) clearance for the rack.

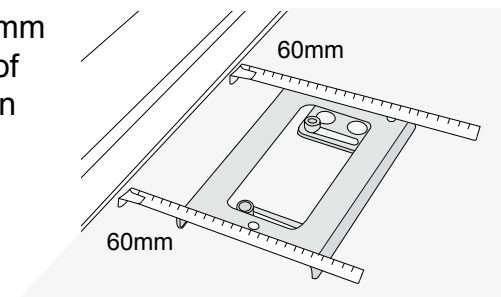


CONCRETE PAD

It's important the pad is level. Anything less will risk damaging parts.

MOTOR & BASE

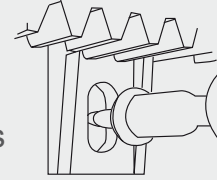
1. Place the motor's power cable under the base and through the slot in the base. There are two slots, for left or right exit.
2. Sit the motor base to the concrete 60mm from the gate. Measure at both ends of the base to make sure it's straight then bolt the base down (right).
3. Bolt the motor on the base.



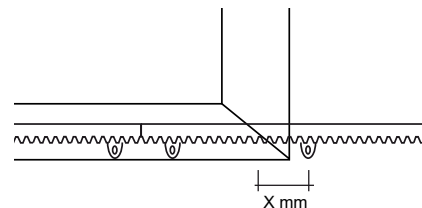
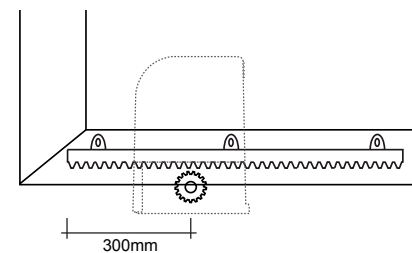
RACK

TIPS

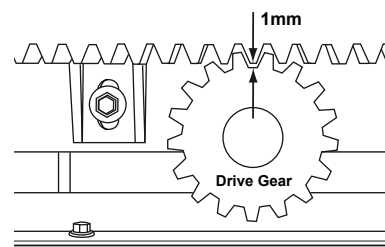
1. Don't attach any racks until you've marked them out against the gate.
2. Place tek screws in centre of the slot and on an angle towards the rack mounted previous (right). This removes any gap.



1. Close the gate
2. Hold a length of rack on the gate 300mm past the drive gear (right). Mark each length to the far end of the gate.
3. Check the last rack needs to have two mount holes on the gate. If not, measure distance from the gate to the rack mount. Move the first rack the same distance needed to get the last rack on (right).

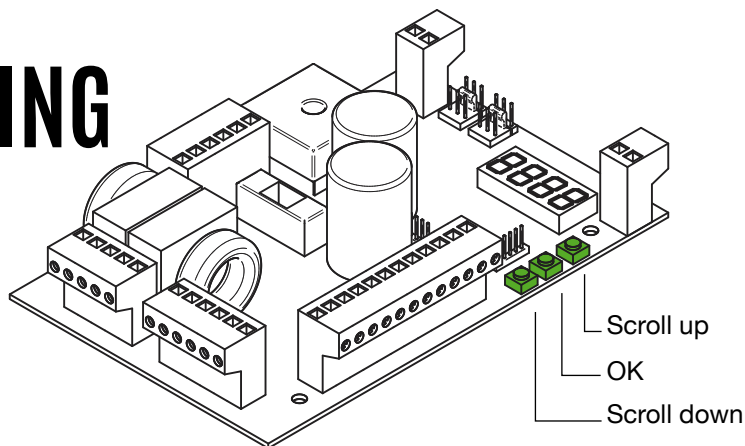


4. Support the end of a rack on the drive gear. Level the rack and attach one end to the gate. Don't tighten too much because the rack may need to be adjusted. Slide the gate until the other end of the rack is sitting on the drive gear. Check the 1-2mm clearance and attach.
5. Repeat the same for all racks. Continually slide the gate to check clearance. Any tight spots are a warning.
6. Slide the gate the full-length checking the 1-2mm clearance on each rack (right). Adjust the rack up or down to suit.
7. Fit the limit brackets. **Important:** Keep a 10mm (min.) gap between the gate and any end-stops.



8. Slide the gate from end-to-end checking for tight spots.
9. All good? Tighten tek screws on the rack.
10. Place the gate in the centre and plug the motor into the power point and lock the motor.

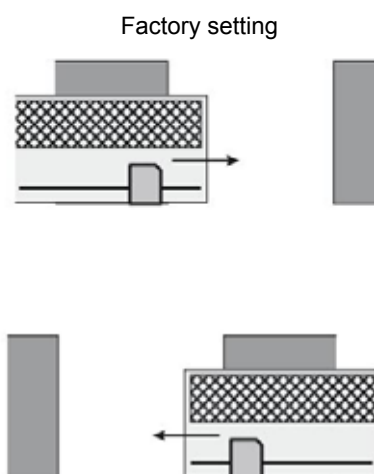
PROGRAMMING



GATE DIRECTION

Factory settings close the gate from left to right

1. Power Up. The screen shows '---'.
2. To change direction close right to left:
Scroll to **P063**, press **OK**. Scroll to **d001**.
Press **OK**
3. Change limit switch orientation:
Scroll to **P021**, press **OK**. Scroll to **d014**.
Press **OK**
Scroll to **P022**, press **OK**. Scroll to **d012**.
Press **OK**
4. Scroll to '---'.



SET GATE PARAMETERS

Slide gate to middle of the track

1. Scroll to **P003**, press **OK**.
2. **APPr** will flash. Press **OK** and hold until the display stops flashing.
The gate will slowly open and close to learn the limits.
3. When done '---' will show.
4. Recheck there's min. 10mm gap between gate and end stops. If not
adjust the limit brackets.

CONNECT REMOTES

1. Scroll to **P005**, press **OK**. When **LEAR** shows, press any button on the remote. The number of the remote shows (**r001**), then **LEAR**.

Repeat for additional remotes.

2. Wait 10sec. for the memorising mode to quit. '----' will show when done.

ADVANCED PARAMETERS

See **page 37** in the manufacturer's manual for all parameter codes & settings.

1. Scroll to the code for the parameter you want to alter, press **OK**.
2. Scroll to alter the parameter value. Press **OK**.

CUSTOM SETTINGS

24V

See **page 35** of the manual for details.

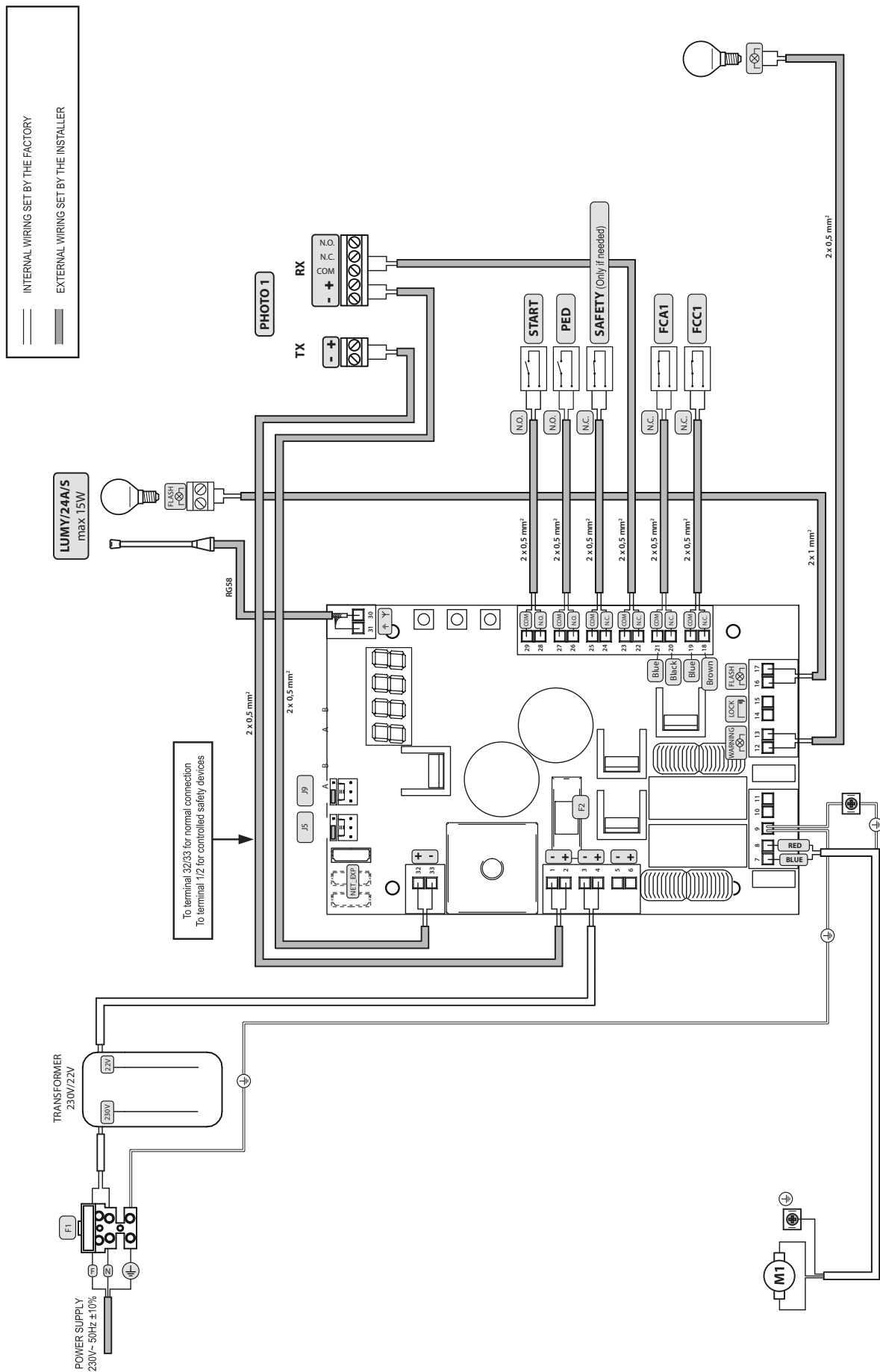


230V

See **page 34** of the manual for details.



6



230V

