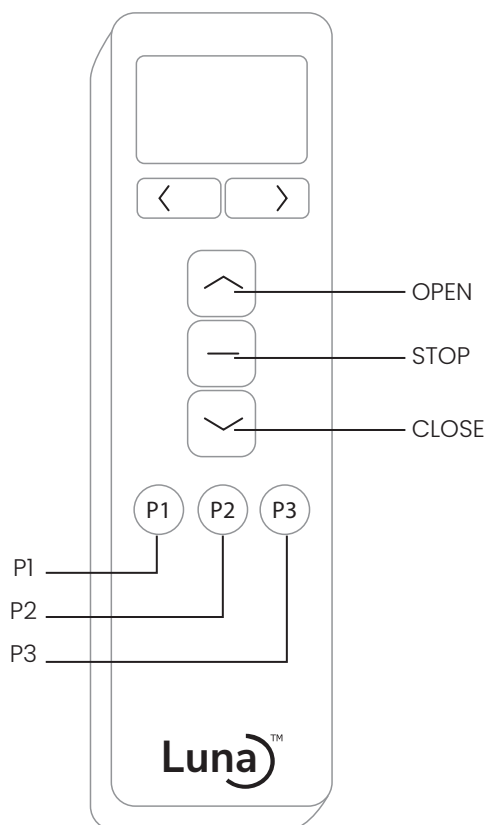## 15 CHANNEL REMOTE LUNA ROLL INSTRUCTIONS

15 Channel RF handset

> **TIP**
> The most recently used channel is saved so you do not need to select a channel each time you use the remote.

Main controls

The large main control buttons provide the basic functionality of the remote. Press the ⌃ or ⌄ buttons to make the blind go all the way up or down. Pressing ▬ at any time the blind is moving will immediately stop the blind.

> **TIP**
> The remote works off radio frequency (RF), so you don't need to point it at the motor for it to work. That being said, to ensure that the signal gets to the motor, please hold the button for half a second when pressing. This is especially useful for when multiple motors are being controlled at the same time.

15 CHANNEL REMOTE LUNA ROLL INSTRUCTIONS

Secondary controls

The smaller secondary control buttons enable what we call intermediate positions. That is, by default the **P1** button will move the blind to 25% closed, **P2** will be 50% and **P3** will go to 75%.

Pairing a channel to remote

To pair a motor to the remote, follow these steps:

1- Press and hold the **PROG** button on the motor until the status **LED** turns solid green.

2- Select the desired channel on the remote control. Then press and hold the ⌃ and ⌄ buttons simultaneously.

3- Within 3-5 seconds, the motor will jog to indicate that the channel has been successfully paired. The status **LED** will also flash green twice and then turn off.

Setting travel limits

To set the travel limits of the motor, follow these steps:

Hold ⌃ until the motor goes to the top

If the motor need to be reversed, hold **P1** + **P3** together until the motor jogs, ⌃ + ⌄, together until the motor jogs

Hold **P1** + **P3**, together, to enter **CONFIG** mode

Hold ⌄ to the bottom limit

P3 + **P2**, together, to set bottom limit

Hold ⌃ to the top limit

P1 + **P2**, together, to set the top limit

To exit **CONFIG** mode, press and hold the ▬ button until motors jiggles up and down. Limit setting is now complete.

THE BOTTOM LIMIT MUST BE SET FIRST

Due to the way the firmware is designed, the bottom limit must first be set before you can set the top limit. Limit setting must be completed in one go - that is: Enter **CONFIG** mode, set bottom limit, set top limit, exit **CONFIG** mode. If you exit **CONFIG** mode before both limits have been set, you will have to start over.

DIFFERENT BEHAVIOUR IN CONFIG MODE

The motor works differently when it is in **CONFIG** mode. Here, the motor will start moving when you press the ⌃ or ⌄ buttons, but will stop immediately when released unless the button has been held for longer than 2 seconds. This is to allow you to have finer control to better position the blind at the top and bottom limits.

15 CHANNEL REMOTE LUNA ROLL INSTRUCTIONS

Magnetic recharging system

Luna motors utilise an easy to use magnetic charging connector. To use it:

1- Attach the magnetic connector to the motor. It will attach into position once it gets close enough.

2- The charging indicator **LED** on the charging cable will be red when the battery is charging, and flip to green when charging completes. A full charge takes roughly 6 hours.

> **TIP**
> If a power point is not in close proximity to a blind, you can use a power bank instead. The power bank should be fully charged with a capacity rating of 8000mAh or higher.

Troubleshooting

Here are some common issues and ways they can be resolved.

Motor is not responding

When giving the motor a command, check whether the status **LED** on the motor I/O cover lights up.

Status LED flashes green

This means the motor is receiving the command but nothing happens. Check that the motor limits have been properly setup.

Status LED flashes red

This is an error indicator. Most likely reason is that the battery level is too low. Recharge the motor and try again.

Status LED does not light up

The motor did not receive the command. Either it has not been paired with the controller, or something has caused it to enter protection mode. First try to ensure that it is properly paired with the controller. If the motor does not respond to pairing, recharge the motor for a few seconds (this should reset any protection modes) and try again.

Remote control does not control motors reliably

This issue is most likely due to stronger than usual electromagnetic interference (EMI) nearby. It could be temporary, but if the problem persists, get in touch with us for further assistance.

15 CHANNEL REMOTE LUNA ROLL INSTRUCTIONS

The blind makes a squeaking noise when in motion

This is most likely due to the brackets being too loose or too tight. Adjust the bracket spacing so that the blind sits more comfortably. As a rule of thumb, you should not have to use excessive force when installing the blind. Conversely, the gap between the end of the blind and the idle bracket should not be more than 5mm.

You can also use an off-the-shelf lubricant spray to help alleviate the squeaking.

The motor is running noticeably slower than usual

This is an indication that the battery is running low. The motor will still work like this for some time, but please recharge it when convenient.

Diffifulty controlling multiple motors at the same time

Due to the nature of radio control, sometimes the signal does not reach the intended destination. This can be more noticeable when trying to control multiple motors at the same time. To reduce this occurance, when pressing any button on the remote, hold it down for slightly longer (0.5-1 sec).

Motor is difficult to reach for recharging

Sometimes the blind might be installed at a location that is difficult to reach. In such scenarios, you can make use of a reaching tool available at your local hardware shop or online.

15 CHANNEL REMOTE LUNA ROLL INSTRUCTIONS

Deep sleep mode

The motor has a deep sleep mode to minimise battery consumption and prevent accidental activation during transportation or storage. Motors are always shipped with deep sleep mode activated.

Wake up from deep sleep mode

When motor is in deep sleep mode, hold down the *PROG* button until the status *LED* blinks green 2 times. Motor is now in active mode.

Enter deep sleep mode

When motor is in active mode, hold down the PROG button until the status *LED* blinks amber 2 times. Motor is now in deep sleep mode.

To clear limits:

1. Hold **P2** + **P3** until motor jogs
2. Hold **P2** + **P1** until motor jogs
3. Hold **P2** + **P3** until motor jogs

To delete current channel:

1. Hold **P1** + **P3** until motor jogs
2. Hold ⌃ + ▬ until motor jogs

To delete all channels:

1. Hold **P1** + **P3** until motor jogs
2. Hold ⌄ + ▬ until motor jogs