

1. TECHNICAL SPECIFICATIONS

Power: Rechargeable Lithium battery DC12V
 Protection Class: IP44
 Received frequency: 433.92MHz

Working Temperature: -10°C to 65°C
 Motor can be assigned with up to 15 compatible remotes
 Motor has overload, low battery/charging protection

2. WIRE CONNECTION

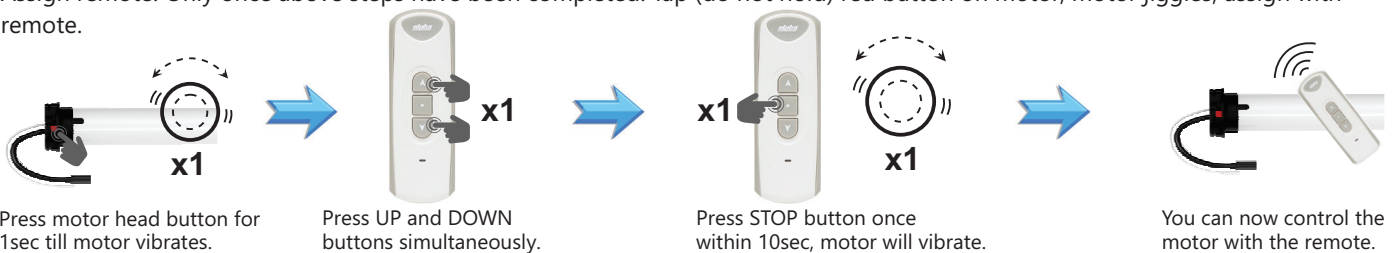
Fully charge the motor before use.
 Time to fully charge depending on charger used:
 1amp=28 hours 1.5amp=21 hours 2amp=18 hours
 Motor should be fully charged with a charger before a solar panel is connected.



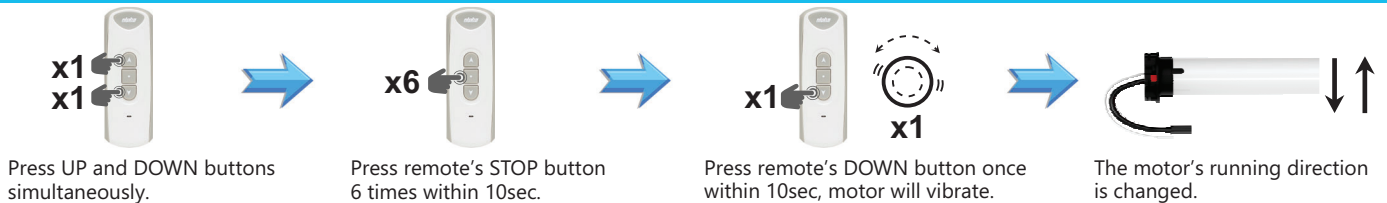
3. WAKE MOTOR UP AND ASSIGNING REMOTE

Motor is in sleep mode/storage mode. Wake motor up by: (a) Plug in 5V charger for a few seconds till motor vibrates. (b) Hold motor button down for 3 seconds till motor vibrates.

Assign remote: Only once above steps have been completed. Tap (do not hold) red button on motor, motor jiggles, assign with remote.



4. CHANGE DIRECTION



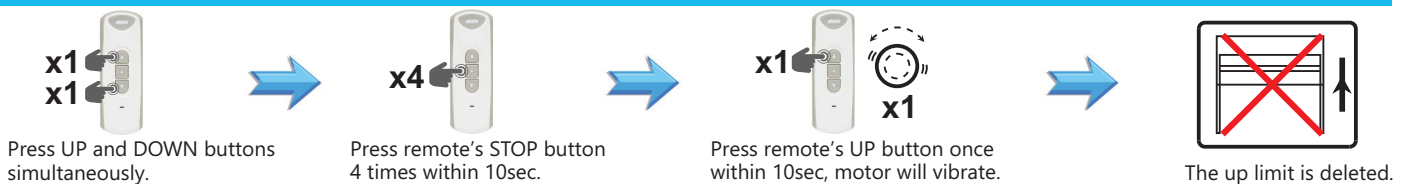
5. SET TOP LIMIT



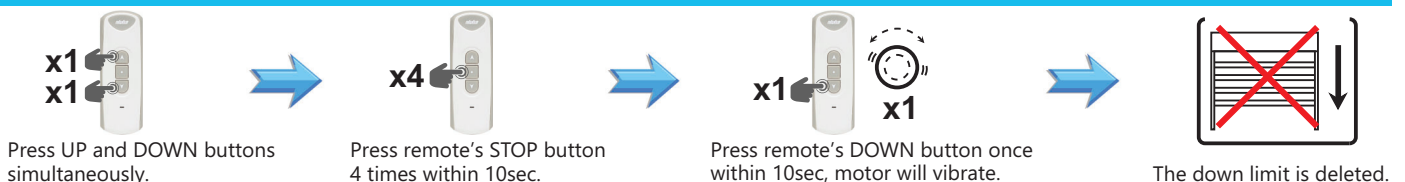
6. SET BOTTOM LIMIT



7. DELETE TOP LIMIT



8. DELETE BOTTOM LIMIT



9. STEP BY STEP FUNCTION

If motor is in "Step by Step" function, press and hold UP or DOWN button for the motor to run continuously.



Press UP and DOWN buttons simultaneously.



Press remote's STOP button within 10sec.



Press remote's UP button once within 10sec, motor will vibrate.



The motor will run step by step.

10. DELETE STEP BY STEP FUNCTION

If motor is in "Step by Step" function, press and hold UP or DOWN button for 3sec the motor to run continuously.



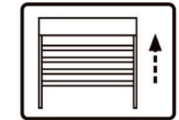
Press UP and DOWN buttons simultaneously.



Press remote's STOP button within 10sec.



Press remote's DOWN button once within 10sec, motor will vibrate.



The motor will run continuously.

11. CHANGE MOTOR SPEED

To make motor run faster

Press UP and DOWN together.
Press STOP 5 times, press UP to make motor faster.
Repeat this process to go faster.



To slow motor down

Press UP and DOWN together.
Press STOP 5 times and then press DOWN.
Repeat this process to make the motor slower.

12. COPY NEW REMOTE CHANNEL



Press first remote's UP and DOWN buttons simultaneously.



Press first remote's STOP button 8 times within 10sec, motor will vibrate.



Press 2nd remote's UP and DOWN buttons simultaneously.



Press 2nd remote's STOP button once within 10sec, motor will vibrate.

13. CODE (CHANNEL) DELETING



Press UP and DOWN buttons simultaneously.



Press remote's STOP button 7 times within 10sec.



Press remote's UP button once within 10sec, motor will vibrate.



The remote you are operating will no longer control the motor.

DELETE PAIRED REMOTES 1. Press UP and DOWN buttons simultaneously. 2. Press STOP 6 times within 10sec. 3. Press UP once within 10sec, motor vibrates.

14. SET THIRD LIMIT

SET THIRD LIMIT



Press STOP button 4 times when motor stops at the ideal position.



Motor will vibrate, the stop position is set as the third limit.



Long press STOP button for 2secs, the motor will run to the third limit position.

RESET THIRD LIMIT



To make motor stop at expected position, then short press STOP button 4 times.



Motor will vibrate, the new third limit is set, the previous third limit won't exist.



Long press STOP button for 2secs, the motor will run to the new third limit position.

Please note: The third limit is also named as the intermediate limit, it is available at any position between up and down limit. The third limit will be deleted automatically if the up/down limit is deleted.

15. DELETING LIMIT VIA MOTOR HEAD BUTTON

Press and hold the red button on the motor head for 5 seconds, the motor will vibrate, all of the set limits (up, down and third) are deleted.

16. FULL RESET OF MOTOR

Press and hold the red button on the motor head for 10 seconds, motor will vibrate once at 5th second, and vibrate twice at 10th second. Release the button and motor is reset to factory mode. (All remotes and limits are erased)

17. LOW VOLTAGE WARNING

When battery voltage is low, press any button on remote, the motor will vibrate instead of running continuously. It will repeat a maximum of 10 times. This is to remind you to recharge the motor immediately.



18. STORAGE MODE

Press and hold red button for 15 seconds, motor will vibrate once at 5th second and twice at 10th second, then vibrate 3 times at 15th second, release button, motor is set to storage mode and won't respond to remote. (Existing remote and limits are still active in motor).