



Programming Instructions

for YewdaleDefiant® motors
(980004)

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yewdale.co.uk
Part no: 980004

Programming Instructions

YewdaleDefiant® 5v DC Solar Powered Tubular Motor (980004)

Programme Button

PROG buttons are under the cover on wall switches. For single channel wall switches use the PROG button on the left.

PROG buttons are on the back of the hand held transmitters.

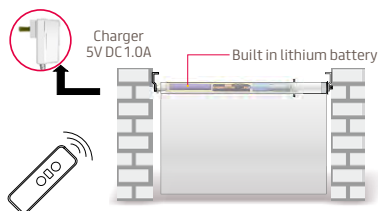


CAUTION!

Please charge lithium battery devices at least 6 hours every 6 months to extend battery life.

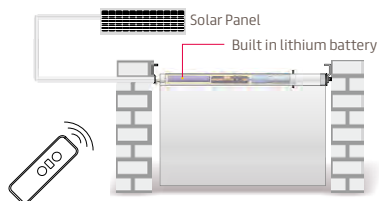
Applications

Application 1: Plug in charger



Fully charged within 4 hours. Please remove battery charger after full charge.

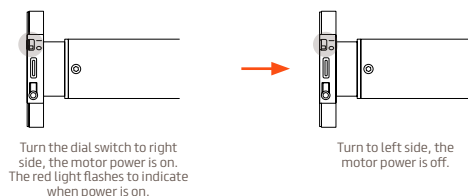
Application 2: Solar panel charger



In direct sunlight battery is fully charged within 2 days.

Power ON/OFF

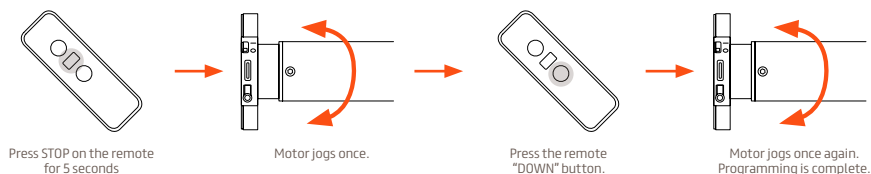
*After switching off power, the motor will not be able to receive remote signals.



Pairing Remote



Change Direction

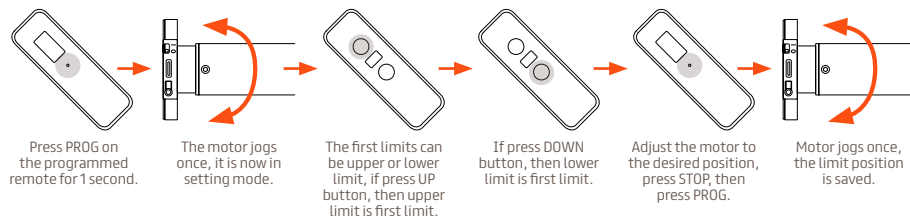


First limit position setting



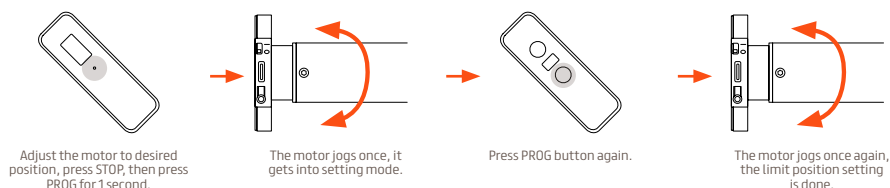
Press the programme button before reaching the first limit position. For best results, this should be carried out when the blind is approximately halfway down.

*If there is no action in 10 seconds, the motor will exit programming automatically.



Other limit position setting

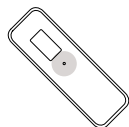
*If there is no action within 30 seconds, the motor will exit from limit position preparation automatically.



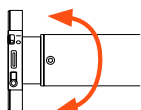
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Limit position fine-tuning



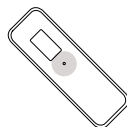
Adjust motor to the limit position, then press PROG button once.



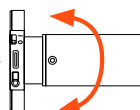
The motor jogs once, it gets into setting mode.



Fine-tune the motor to the desired position.

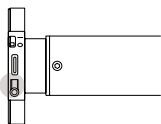


Press PROG button to save settings.

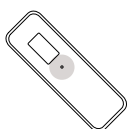


The motor jogs once, fine-tuning is done.

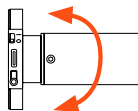
Delete Single Code



Press PROG button for 1 second. Motor jogs once.

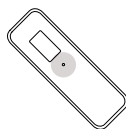


Under the programming preparation, press the PROG button on the back of the programmed remote

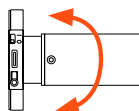


Motor jogs once, single remote is deleted.

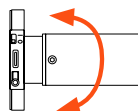
Delete Limit Position



Let the motor run to the limit position which needs to be deleted. Press PROG for 7 seconds.



The motor jogs once after 1 second then goes into setting mode.

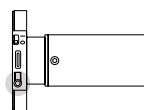


The motor jogs once again after 7 seconds, the preset limit position is now deleted.

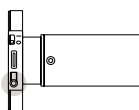
Reset Motor

*Make sure the interval between every actions is less than 1 second.

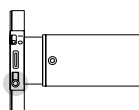
Method 1



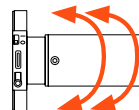
Short press PROG button, release when red light comes on.



Short press PROG button again, release when red light comes on.



Press and hold PROG for 3 seconds, release until red light flashes twice.

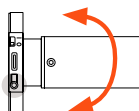


Press PROG button and hold until motor jogs twice. The reset is complete.

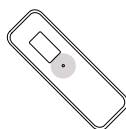
Method 2



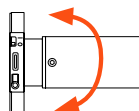
Press STOP of the programmed transmitter for 5 seconds.



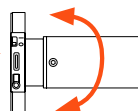
Motor jogs once.



Press back PROG for 7 seconds within 10 seconds



Motor jogs once in 1 second.



Motor jogs two more times in 7 seconds. The reset is complete.

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Supplemental Instruction

- Max. 6 limit stop positions (upper limit / lower limit and 4 intermediate limit positions)
- When the first limit position is the up limit position, all other limit positions can only be below this position. When the first limit position is the down limit position, all other limit positions can only be set above this position.
- Every limit position can be fine-tuned or deleted separately (the first limit position can only be fine-tuned but can't be deleted separately. It can be deleted when you delete all memories).
- To set limit positions, under jog mode, short press the up or down button, motor jogs once. Press the up or down button more than 1 second, and the engine moves to the limit positions.
- Under the continuous move mode, quickly press the up or down button twice on the transmitter, and the motor will go directly to the up or down limit stop position without stopping at the middle limit stop.
- The light is red when charging and will turn green when fully charged.
- The motor will stop when the voltage is under 6.8V and start working at 6.9V; the motor will move under 7.0V, the red light will flash.
 - Battery Shortage Alarm:
 - The red-light flashes when the battery capacity is below 7.0V, yet it is still in continuous move mode.
 - The motor will step into jog mode when the battery capacity is below 6.8V, which means you must charge the engine.
- The motor needs to unlock in a different direction when it is blocked; Change the jog mentioned direction if the direction is the same as the jog direction.
When the motor is blocked, it needs to be unlocked in reverse, and if it is in the same direction as the shaking, change direction of the shaking prompt.
- The charge cable needs to have data transfer function.
Motor charging needs to use TYPE-C charging cable with data transmission function.



Trouble Shooting

Items	Problems	Cause	Solution
1	The motor doesn't work and not any movement	• Power is cut off • Shortage voltage protection • Incorrect installation leads to motor sticking	• Switch it on by button • Start the motor after charging it for 6 hours • Check and make sure all parts are installed properly
2	The motor stops suddenly during operation	• Shortage voltage protection • Protect the motor from obstacles	• The motor will resume to work after being charged • Check if there is something stuck or overloading



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