

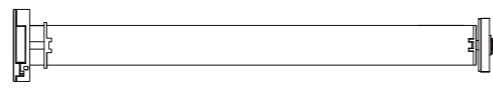
SELECTION ROLLER MOTOR KIT

INSTALLATION INSTRUCTIONS

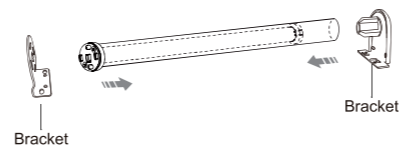
WHAT'S INCLUDED	1.BRACKETS AND SCREWS 3.REMOTE CONTROL	2.DM25LEU/S AND CHARGING CABLE 4.ONE PLASTIC ADAPTER PLATE
THE BRACKETS X 2	YOU WILL RECEIVE 2 BRACKETS. ONE IS THE PIN END SIDE (THE FEMALE BRACKET)	ONE IS THE CHAIN CONTROL SIDE WITH THE CROSS (THE MALE BRACKET)
DM25LEU/S AND CHARGING CABLE		
REMOTE CONTROL AND SCREWS		IF BUYING MORE THAN ONE MOTOR, YOU ONLY REQUIRE 1X MULTI CHANNEL REMOTE FOR UP TO 12 BLINDS (6 DAY NIGHT BLINDS, OR 12 SUNOUT BLINDS). THE ADDITIONAL SPARE REMOTES CAN BE SET ASIDE AND STORED.
ONE PLASTIC ADAPTER PLATE AND SCREWS		

DM25LEU/S

Instruction | A-05



Motor Installation



Mount idler and bracket on both ends.

Specifications

Working temperature: -10°C ~ +50°C	Radio Frequency: 433.925MHz
Input Voltage: USB 5V 1A / USB 5V 2A	Maximum Running Time: 6 minutes

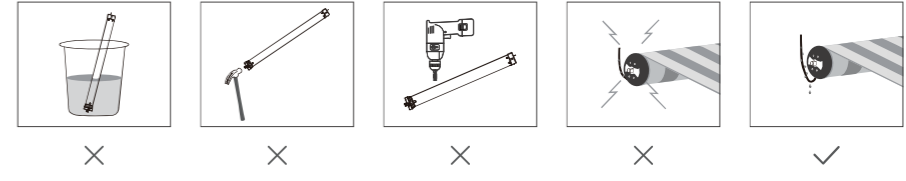
Following data for reference

Model	Rated Torque (N.m)	Rated Speed (rpm)	Rated Power (W)
DM25LEU/S-1.1/28	1.1	28	10

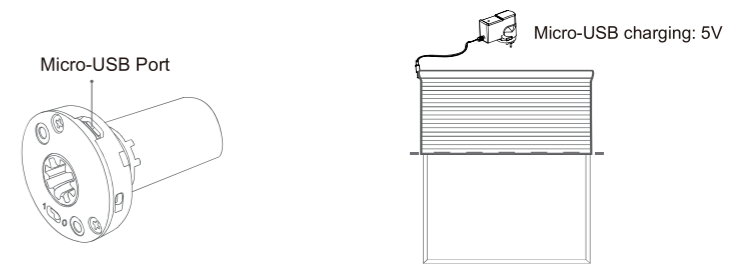
* For reference only.

Attention

Never drop, knock, drill or submerge the motor. Keep the power cable in right position as following. Important safety instructions to be read before installation. Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



Charging Instructions



This motor has a built in Li-ion battery pack with integrated charge management. Max power input for recharging: 5V 2A. Before first use, please charge motor for 6 hours using a 5V charger (most phone chares are 5V). During operation, when the motor starts, the buzzer will beep 10 times, indicating a low-voltage alarm and needs to be charged. During operation, the voltage was detected to be too low, the battery was about to run out, the battery stopped running and needed to be recharged.

Rechargeable Battery



Blinking red: Low battery alert



Blinking green: Charging is processing



Solid green: Battery has finished charging.

Caution

1. Do not expose motor to humid or extreme temperature conditions.
2. Do not drill into motor.
3. Do not cut the antenna and keep it clear from metal objects.
4. Do not allow children to play with this device.
5. Ensure correct crown and drive adaptor are used.
6. Motor is to be mounted in horizontal position only.
7. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.



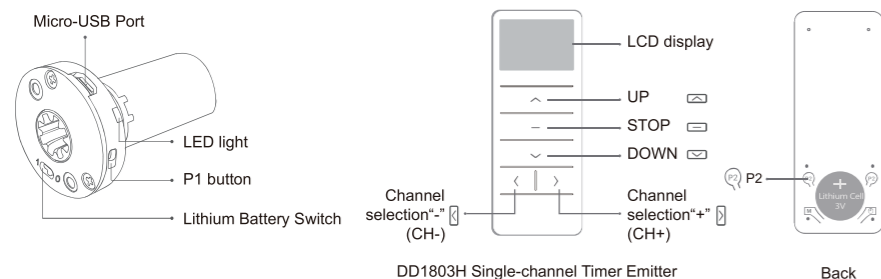
Important Safety Instructions To Be Read Prior To Operation.

Setting Notice

Please read following points of attention carefully before setting.

1. Operating:
 - ①The valid interval of the emitter button is 10 seconds, the emitter will quit the set after 10 seconds.
 - ②The motor will run or beep for hint, please do the next step after the hint.
2. Set the limit position:
 - ①After the upper / lower limit setting, and the upper / lower limit position can't at the same position.
 - ②After the limit setting, with power off and memory function.
 - ③Limit delete will clear all limit memory.
 - ④It will exit limit setting when program there is no operation for 2 minutes.
3. If the emitter lost, please set up again with the new emitter.
4. One motor can store maximum 10 channels; after fully stored, if pair new channels, only the last one will be covered circularly.

Button Instructions



*Dial lithium battery switch, 0 is off switch, 1 is turn on switch.

Functions of P1 button

1. Cycle Operation: Press P1 button once and every press the motor will run upward → stop → downward circularly.
2. Pairing or Pair Additional Emitter: Press P1 button for 2 seconds, motor jog once, release button and make a long noise, motor is ready for pairing or pair additional emitter.
3. Switch Direction: Press and hold P1 button for 10 seconds., the motor will jog 3 times, release button and beep 3 times, the running direction of the motor has been changed.
4. Reset to Factory Mode: Press and hold P1 button for 14 seconds, the motor will jog 4 times, release button and beep 4 times, the motor has been reset to factory mode. At this point the motor will go into deep sleep. After entering deep sleep, the motor can't be controlled. At this time, you need to press P1 button for 2 seconds and then the motor turns to prompt to exit deep sleep.



Essential Settings

The steps in factory mode must be completed to ensure proper operation.

Factory mode

1 Pairing



Press P1 button on the motor for 2 seconds (1 jog), release button and make a long noise, or turn the DIP switch to "0" and then to "1" (1 jog and make a long noise), repower the motor, within 10 seconds, press STOP for 2 seconds (2 jogs and 3 beeps), the motor has been paired successfully.

* If within 10 seconds, the motor doesn't receive STOP signal from the any emitter, it will exit the pairing mode automatically. Re-power on after power off, if the motor has saved the emitter, there is no rotation prompt, and the code matching status is not automatically entered at this time.

2 Switch Rotating Direction (Optional)

Use only when setting up or down limits and blind is operating in the opposite direction. If press UP, the motor runs downward, try below to switch direction



Press and hold UP and DOWN buttons simultaneously for 2 seconds, motor jog once, the direction has been switched successfully.

* The operation is only valid when there is no limits. If the motor has already set the upper and lower limit, then you can only switch direction by P1 button.

3 Upper and Lower Limits Setting

1 Set upper limit



Press UP for 2 seconds and hold the UP button and operate the motor to desired upper position, press and hold UP and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), upper limit is set.

2 Set lower limit



Hold the DOWN for 2 seconds, operate the motor to desired lower position, press and hold DOWN and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), lower limit is set.

* If exit the limits setting status before you finish the limit setting, then the motor will take the previous limits if has; After the limits have been set successfully, the motor will enter the user mode.

User mode

Adjust Limits

1 Adjusting the upper limit



Press and hold UP and STOP buttons for 5 seconds (1 jog and make a long noise), operate the product to desired new upper limit position, press and hold UP and STOP buttons for 2 seconds (2 jogs and 3 beeps), the new upper limit is programmed successfully.

2 Adjusting the lower limit



Press and hold DOWN and STOP buttons for 5 seconds (1 jog and make a long noise), operate the product to desired new lower limit position, press and hold DOWN and STOP buttons for 2 seconds (2 jogs and 3 beeps), the new lower limit is programmed successfully.

* After entering the limits fine tuning mode, the original preferred position will not be deleted; If there is no button operation within 2 minutes, it will arrive within 2 minutes, and the motor will turn to prompt, and automatically exit the route adjustment mode; When fine-tuning the limit, press and P1 for more than 2 seconds to exit the mode.

Quick Index

	Settings	Steps
1	Pairing	P1 (hold down 2 seconds) → Stop (hold down 2 seconds)
2	Switch Rotating Direction	Up + Down (hold down 2 seconds)
3	Set upper limit	Up (hold down 2 seconds) → Up + Stop (hold down 2 seconds)
	Set lower limit	Down (hold down 2 seconds) → Down + Stop (hold down 2 seconds)
4	Adjusting the upper limit	Up + Stop (hold down 5 seconds) → Up or Down → Up + Stop (hold down 2 seconds)
	Adjusting the lower limit	Down + Stop (hold down 5 seconds) → Up or Down → Down + Stop (hold down 2 seconds)

Troubleshooting

Issues	Possible causes	Solution
The motor has no response	Battery in motor is depleted	Recharge with compatible AC adaptor
	Power Failure Or Incorrect Connection	Double check power and cable connections, follow wiring instructions.
	emitter battery is low capacity	Replace battery
	Radio interference / shielding	Check antenna on motor is intact and exposed. Check for possible source of radio interference.
The emitter can't control single motor	Out of radio control range	Try control within closer range
	Multiple motors are paired to the same channel.	Pair single motor with emitter correctly Try to use multi-channel emitters to control multi-motor projects, ensure each channel to control one single motor
The motor doesn't run or starts too slowly or make loud noise	Connections are incorrect.	Check connections
	Installation is improper or overload	Check installation or overload
The motor stops during the up and down running	The motor has reached the lower limit	Adjust the new lower limit
	The running time more than 6min	Consult the sales for more information

SAFETY NOTE

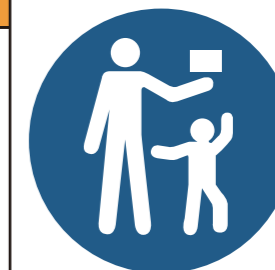
1. Children shall not play with the appliance.
2. Cleaning and user maintenance shall not be made by children without supervision.
3. The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
4. The type of driven part the drive is intended for.
5. **WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
6. Do not allow children to play with fixed controls. Keep remote controls away from children.
7. **WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.



WARNING

THIS PRODUCT CONTAINS A BUTTON BATTERY

If swallowed, a lithium button battery can cause severe or fatal injuries within 2 hours. Keep batteries out of reach of children. If you think batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.



Li-ion



Do not dispose of in general waste. Please recycle batteries and damaged electrical products appropriately.