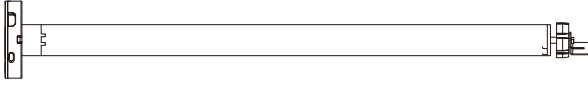


# R4045

## Instructions



### Features

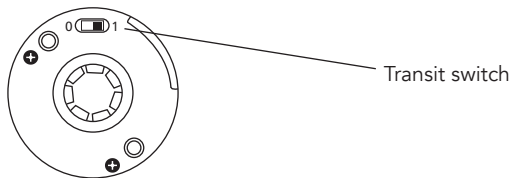
- Built-in Receiver
- Built-in Lithium Battery
- Scan and Program
- Switch Direction
- Stall Protection
- Program Button
- Reset to Factory Mode
- Electronic Limit
- Preferred Stop Position
- Speed Regulation
- Scene Control
- Memorized Setting

### Fields of Application

The motor is suitable for motorisation of Perfect Fit blinds, Roller blinds and Vision blinds.

### Transit switch

You must turn the transit switch on for charging and installation. Once installed keep the switch turned on at all times.



### Specifications

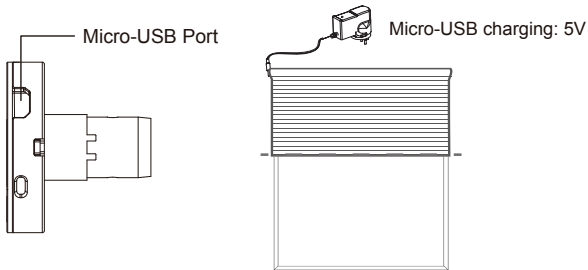
Working Temperature: -10°C ~ +50°C	Radio Frequency: 433.925MHz
Input Voltage: USB 5V 1A / USB 5V 2A	Maximum Running Time: 6 minutes

Following data for reference

Model	Rated Torque (N.m)	Rated Speed (rpm)	Rated (A)	Rated Power
R4045 0.3/30	0.3	30	0.6	5

\* For reference only.

## Charging Instructions



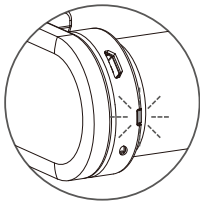
This motor has a 8V built in Li-ion battery pack with integrated charge management.  
Max power input for recharging: 5V 2A.

Before first use please charge motor for 6 hours using 5V charger.

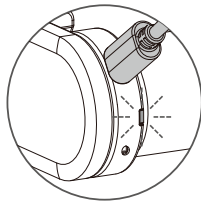
During operation, motor will stop running when the voltage is lower than 6.5V and it will resume again when the voltage is greater than 6.8V.

When the motor is running continuously when the voltage is lower than 7.2v, the green light will flash for 10 times for low pressure alarm.

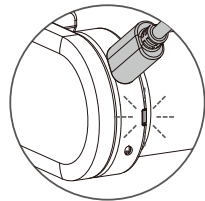
## Rechargeable Battery



Blinking green  
during operation;  
Charge the battery



Blinking green  
battery is charging



Continuously green  
battery is fully charged

## Caution

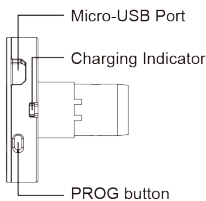
1. Do not expose motor to humid, damp or extreme temperature conditions.
2. Do not drill into motor.
3. Do not cut the antenna and keep it clear from metal objects.
4. Do not allow children to play with this device.
5. If power cable or connector is damaged, do not use.
6. Ensure correct crown and drive adaptor are used.
7. Ensure power cable and aerial is clear and protected from moving parts.
8. Cable routed through walls shall be properly isolated.
9. Motor is to be mounted in horizontal position only.
10. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
11. Installation and programming to be performed by a qualified professional, use or modification outside the scope of this instruction may void warranty.



## Important Safety Instructions To Be Read Prior To Operation

## Setting Notice

1. Before the first use, please charge the battery and make sure it is fully charged before use.
2. Don't operate motors when low voltage alarm.
3. Operating:
  - The valid interval of the emitter button is 6S, the emitter will quit the set after 6S.
  - The motor will run for hint, please do the next step after the hint.
4. Set the limit position:
  - When setting upper/lower limits, the upper/lower limit position cant be the same.
  - After the limit setting, with power off and memory function.
  - Limit delete will clear all limit memory.
  - It will exit limit setting when program there is no operation for 2 minutes.
5. If the emitter lost, please set up again with the new emitter.

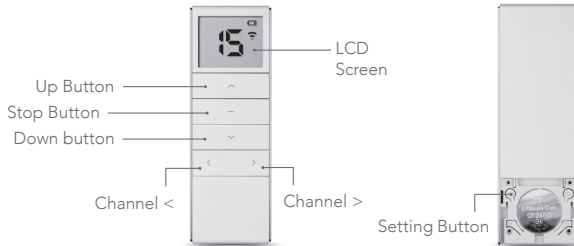


# R4045 Motor Instructions

## for use with R4048 Remote Control

Portable 15 Channel Remote Unit

1 jog = 1 movement, up OR down  
2 jogs = 1 movement, up AND down



### Step 1 - Pairing the handset with the motor

Note: During the setting procedure, the time between two operations must not exceed 4 seconds as this will cause the setting up process to quit.

- Switch on the power to the motor.
- Remove the battery cover on the reverse of the remote. There are two setting buttons (P2) on either side of the battery, press either one.
- Select a channel from 1 - 15 on the remote by pressing channel up or down (< or >).
- Press the button on the motor and the motor will jog up and down.
- Press P2 twice then the up or down button once. The motor will jog twice each time.
- To change direction press and hold the button on the motor for 4 jogs.

The motor and remote are now paired.

### Step 2 - Setting the limits

Select the same channel and set the top limit.

- Press P2, then the up button followed by P2 again, the motor will jog twice and beep.
- Press the up button and the blind will start to rise.
- Press P2 and the blind will go into slow jog mode.
- Press the stop button on the remote and the blind will stop.
- Hold the stop button down until the motor jogs twice, this will set the top limit.
- Press the down button and the blind will start to go down.
- Press P2 and the blind will go into slow jog mode.
- Press the stop button on the remote and the blind will stop.
- Press and hold the stop button down until the motor jogs twice, this will set the lower limit.

Setting is complete. For more blinds, select another channel on the remote and repeat from step 2.

## Step 3 - Setting a third position

- Switch the motor into jog mode by pressing P2 then up then down (this allows you to move the blind up or down in small increments)
- Move the blind using the up and down buttons on the remote to the desired position.
- When you have reached the desired position press stop, P2, stop, stop. The mid position is now set.
- The motor needs to be switched out of jog mode, this is done by pressing P2 then up then down.
- To operate the third position, press and hold the stop button and the blind will move to its third position.
- To delete the third position, press P2, followed by the stop button twice, the motor will jog twice.

## Speed adjustments

- The motor has three different speeds.
- To speed the motor up press stop and up together until the motor jogs.
- To slow the motor down press stop and down together until the motor jogs.
- If the motor does not jog it is at its maximum or minimum speed already.

## Deleting a limit

- To delete a limit, press P2 followed by the down button then press P2 again, the motor will jog twice.

## Deleting a handset

- To delete a handset, press P2 then the stop button followed by P2 again, the motor will jog twice.

## Adding a handset

- To add a handset, press P2 twice on the existing handset. Then press P2 on the new handset, the motor will jog twice.

To perform a factory reset press and hold the button on the motor for 6 jogs.

\*Please Note: Leaving a lithium ion battery fully discharged for long periods can damage the cell's ability to hold charge. Please ensure the battery is never left uncharged.

### Technical specification

Input voltage: 3V (CR2450)  
Transmitting frequency: 433MHz  
Transmitting power: 10 milliwatt  
Operating temperature: -10°C to 50°C  
Transmission distance: 200 metres open office, 35 metres on two walls

### CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

### Notice:

Do not expose the unit to moisture or heat. When you use the control unit, if emission distance is short and less effective, please replace battery. Please recycle batteries.

## SAFETY NOTE

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance.
3. Cleaning and user maintenance shall not be made by children without supervision.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. **WARNING:** the drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
6. The instructions shall state that the A-weighted emission sound pressure level of the drive is equal to or less than 70 dB(A), e.g. by writing  $L_{pA} \leq 70 \text{ dB(A)}$ .
7. The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
8. The type of driven part the drive is intended for.
9. **WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
10. Do not allow children to play with fixed controls. Keep remote controls away from children.
11. Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
12. Watch the moving blind and keep people away until the blind is completely closed.
13. **WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
14. Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.

