▓▓▓ LOUVOLITE

56°C

-10°C

MAX RANGE

R2135-DCM
Motor Information

Please fully charge motor before first use.

When a motor has no limits set it will operate in jog mode. Once the blinds top and bottom limits are set this will change to a continuous operation between limit positions.

This motor range is for indoor use only, do not use outdoors or in humid environments.

Each motor in this motor range has a built-in rechargeable Li-ion battery pack with integrated charging management. Max input voltage : 5V/2A.

An LED on the motor head will flash 8 times at the start of operation when the battery is running low.

Each motor can be paired with a maximum of 10 controllers.

Do not operate a motor when it is being charged.

A motors upper and lower limits cannot be set at the same position.

Limits are saved even if the motor runs out of battery or is powered off. Removing any or all remotes does not remove set limits.
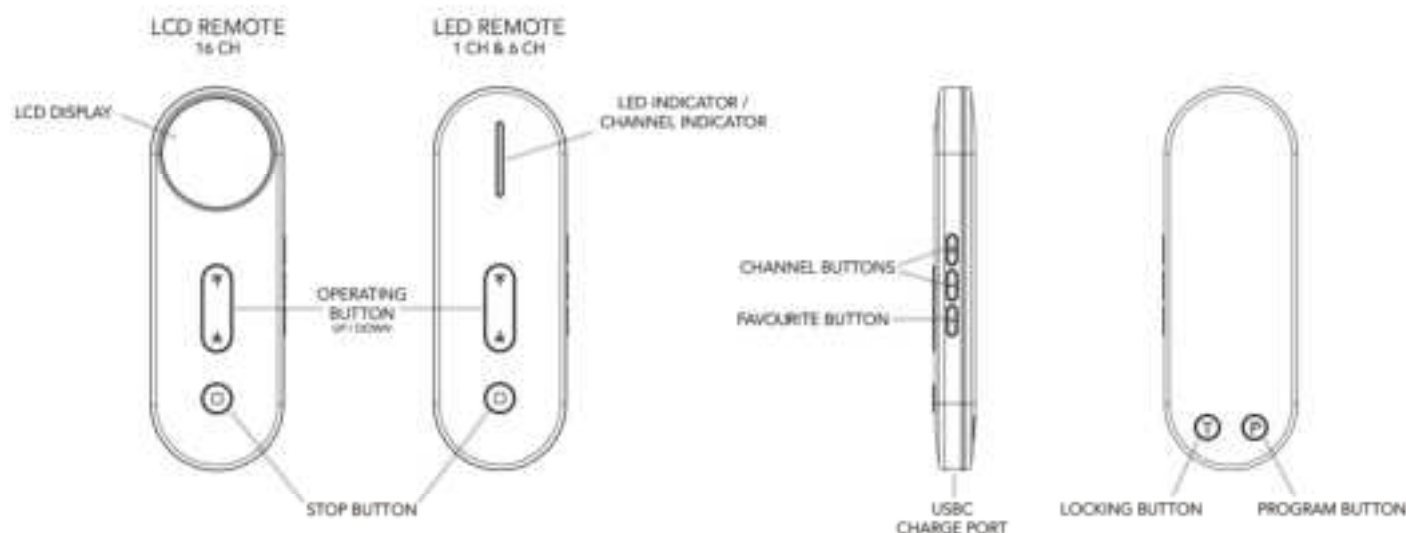
The motor can run for a maximum of 6 minutes continuously.

During the setup/programming stage the motor will jog in operation, please do not proceed to the next step until it has completed this function.

When programming the motor, the operator has a 10 second window to complete each stage. If a stage is not carried out within the 10 second window, the motor will automatically exit the current mode and the motor will not be set.

LCD REMOTE
16 CH

LED REMOTE
1 CH & 6 CH

LCD DISPLAY

LED INDICATOR /
CHANNEL INDICATOR

OPERATING
BUTTON
UP / DOWN

STOP BUTTON

CHANNEL BUTTONS

FAVOURITE BUTTON

USBC
CHARGE PORT

LOCKING BUTTON

PROGRAM BUTTON

Motor Head Button Operation

Control Blind - UP, STOP & DOWN
· Short press the MHB. Each press will raise, stop or lower the blind.

Add/Remove Controller
· Press and hold the MHB for 2 seconds. The blind will jog and flash orange. Press the PROG button on the remote and the blind will jog. Remoted is added/removed.

Direction Reverse
· Hold the MHB for 10 seconds. The motor will jog and flash orange three times. The direction has been reversed.

Reset
· Hold the MHB for 16 seconds. The motor will jog and flash orange four times. All settings are deleted.

Smart Hub Connecting
· Hold the MHB for 2 seconds, the blind will jog and flash orange. Then press 3 times within 10 seconds. The motor will flash blue, motor is in pairing mode.

USBC Charge Port

Motor Head Button
(MHB)

LED Indicator
(Flashes Orange or Blue)

Power Source & Charging Options

Attatching the Solar Panel
· Make sure the motor has enough charge to operate the blind.

· Attach the solar panel to the charge port on the motor.

· Place / fix the solar panel so that it is facing direct sunlight.

Built in Lithium Battery Supply
· Recharge using USBC cable provided.

· Charge time is between 6 - 8 Hours.

· A full charge will last between 3 - 6 months. For the health of the battery we recommend charging at least once every 6 months.

Pairing Remote   NOTE: Pairing can not be done under group channel or 0 channel.

Option 1 : Power on the motor and then add the remote

1. Press and Hold MHB for 2s   >   2. Jog x 1   >   3. Select Channel   >   4. Press PROG Button   >   5. Jog x 2

Option 2 : Add controller B via pre-existing controller A

1. Press PROG Button on controller A   >   2. Jog x 1   >   3. Press PROG Button on controller A   >   4. Jog x 1   >   5. Press STOP Button on controller B   >   6. Jog x 2

Direction Reverse

Checking current direction

1. Press UP Button   >   2. Blind goes up   >   3. Press DOWN Button   >   4. Blind goes down

Option 1 : Changing direction if the limits are not set

1. Press and hold STOP & FAV Button for 2s   >   2. Jog x 1

Option 2 : Changing direction if the limits are set

1. Press PROG Button   >   2. Jog x 1   >   3. Press UP Button   >   4. Jog x 1   >   5. Press DOWN Button   >   6. Jog x 1

Upper and Lower Limit Setting   NOTE : Before limits are set, the motor will run in jog mode. For continuous operation hold down the UP or DOWN Button for 2 seconds. Once limits are set, motor will run continuously between limits. Upper and Lower Limits cannot be set at the same point.

Setting Upper Limit

1. Press UP Button   >   2. Raise to desired position   >   3. Press and hold UP & FAV Button for 2s   >   4. Jog x 2   >   5. Upper Limit Set

Setting Lower Limit

1. Press DOWN Button   >   2. Lower to desired position   >   3. Press and hold DOWN & FAV Button for 2s   >   4. Jog x 2   >   5. Lower Limit Set

Jog Mode / Continuous Mode

NOTE : Before limits are set this motor is in jog mode. When in jog mode hold UP or DOWN for continuous operation. Motor cannot be set to continuous mode before limits are set.

Same operation is used to move between both modes

1. Press PROG Button　　2. Jog x 1　　3. Press STOP　　4. Jog x 1　　5. Press STOP　　6. Jog x 1

Setting and Cancelling Favourite Position

NOTE : One Favourite Position can be set at a time.

Setting Favourite position

1. Move Blind UP or DOWN　　2. Move to favorite position　　3. Press and hold STOP & FAV for 2s　　4. Jog x 2　　5. Favorite position set

Cancelling Favourite Position

1. Move to favorite position　　2. Press and hold STOP & FAV Button for 2s　　3. Jog x 1　　4. Favorite position removed

Hot Key for Favourite Position

1. Press FAV Button　　2. Blind moves to favorite position

Adjusting Upper and Lower Limits

NOTE : Process has a 4 minute time limit.

Adjusting Upper Limit

1. Press and hold UP & FAV Button for 6s　　2. Jog x 1　　3. Move Blind UP or DOWN　　4. Position at new Upper Limit　　5. Press and hold UP & FAV Button for 2s　　6. Jog x 2

Adjusting Lower Limit

1. Press and hold DOWN & FAV Button for 6s　　2. Jog x 1　　3. Move Blind UP or DOWN　　4. Position at new Lower Limit　　5. Press and hold DOWN & FAV Button for 2s　　6. Jog x 2

Remove All Limits

Removing all set limits

1. Press PROG Button	2. Jog x 1	3. Press STOP	4. Jog x 1	5. Press PROG Button	6. Jog x 1

Remove Controllers

Remove a Single Controller

1. Press and Hold MHB for 2s	2. Jog x 1	3. Press PROG Button	4. Jog x 1

Remove Controller B via Controller A

1. Press PROG Button on Controller A	2. Jog x 1	3. Press PROG Button on Controller A	4. Jog x 1	5. Press STOP on Controller B	6. Jog x 1

Remove All Controllers

1. Press PROG Button	2. Jog x 1	3. Press PROG Button	4. Jog x 1	5. Press DOWN Button	6. Jog x 1

Adjust Motor Speed

Increase Motor Speed

1. Press PROG Button	2. Jog x 1	3. Press STOP	4. Jog x 1	5. Press UP Button	6. Jog x 1

Decrease Motor Speed

1. Press PROG Button	2. Jog x 1	3. Press STOP	4. Jog x 1	5. Press DOWN Button	6. Jog x 1

Soft Start/Stop
NOTE : Soft Start/Stop is on as factory default.

Turn Soft Stop/Start On

1. Press PROG Button   2. Jog x 1   3. Press UP Button   4. Jog x 1   5. Press UP Button   6. Jog x 1

Turn Soft Stop/Start Off

1. Press PROG Button   2. Jog x 1   3. Press DOWN Button   4. Jog x 1   5. Press DOWN Button   6. Jog x 1

Charging Light On/Off
NOTE : When motor is pluged in for charging a blue LED light will flash 6 times. During charging the blue LED light flashes 3 times every 8 seconds. When the motor is fully charged the blue LED light will stay on. The function turns the flashing charging light on or off.

Turn Charging Light On or Off

1. Press PROG Button   2. Jog x 1   3. Press DOWN Button   4. Jog x 1   5. Press STOP Button   6. Jog x 1

Function Lock
NOTE : When Function Lock is on all setting options are locked for that individual remote. Function lock must be turned off to make any changes to the settings. The LCD remote screen flashes 5 times to show it has changed in or out of locking mode. When operating the LCD remote in locked mode the screen flashes. The LED indicator of the LED remote will flash blue 5 times when moving in or out of locking mode.

Turn Function Lock on/Off

1. Press and hold T Button for 12s

Smart Hub
NOTE : Enables the user to operate the motor when out of range using the Hub or a Smart Speaker. User must have LLOneTouch app installed. These steps will put the motor in the correct mode to connect to the app. See separate detailed App instructions for full connection and installation process.

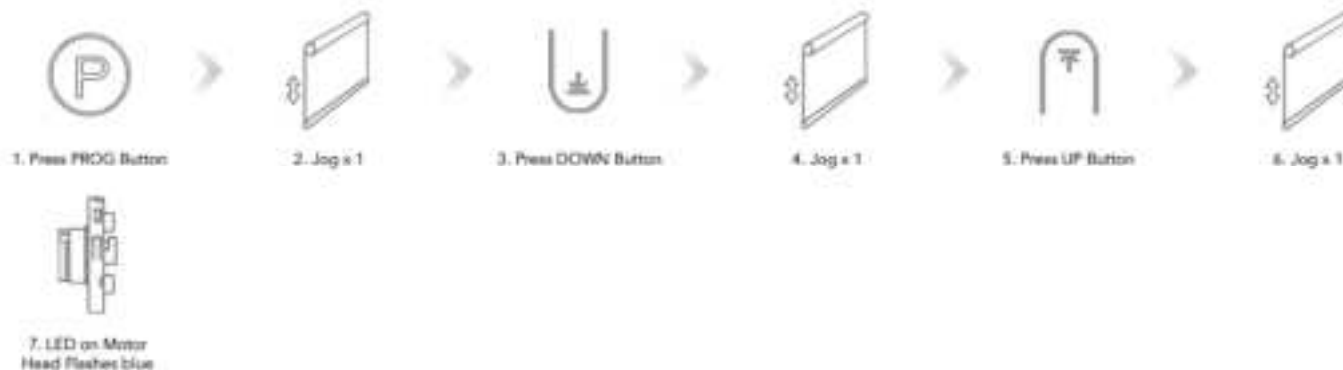### Option 1 : Entering Mode with Motor Head

1. Press and Hold MHB for 2s   2. Jog x 1   3. Press MHB 3 times   4. LED on Motor Head Flashes blue

Option 2 : Entering Mode with Remote

1. Press PROG Button   2. Jog x 1   3. Press DOWN Button   4. Jog x 1   5. Press PROG Button   6. Jog x 1

7. LED on Motor Head Flashes blue

Matter Connecting

Option 1 : Entering Mode with Motor Head

1. Press and Hold MHB for 6s

2. Jog x 2

3. LED on Motor Head Flashes Orange x 2

4. LED on Motor Head Flashes blue

Option 2 : Entering Mode with Remote

1. Press PROG Button

2. Jog x 1

3. Press DOWN Button

4. Jog x 1

5. Press UP Button

6. Jog x 1

7. LED on Motor Head Flashes blue

Setting App : Example Apple Home App

1. Open Home App. Have HomePod added to App.

2. Click '+' to Add or Scan Accessory

3. Scan the unique Setup Code on the motor to add to app.

4. The app will search for the motor. Blue LED on Motor head will flash for successful pairing.

5. Set the Location of the Blind.

6. Set the Name of the Blind.
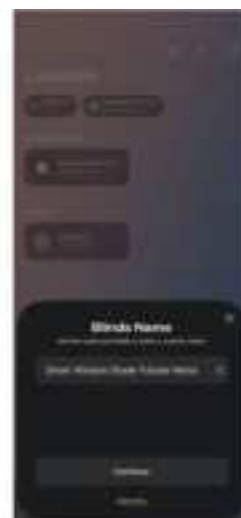
7. Set up Automations.

8. Blind can now be operated by the app from anywhere.

9. App can visually display the position of your blind when away from the home.

Troubleshooting

FAULT	CAUSE	SOLUTION
Motor is not responding	·Controller not paired	·Add Controller
	·Motor is powered off	·Hold MFB for 2 seconds to turn on motor
	·Low Battery	·Charge Motor
Motor stops suddenly	·Upper and Lower Limits not set correctly	·Re-set Upper and Lower Limits
	·Blind exceeds maximum lifting weight	·Check blind weight
	·Low Battery	·Charge Motor
LED light flashes 8 times on motor head when motor starts	·Low Battery	·Charge Motor

Label statement: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that my cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help. MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

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