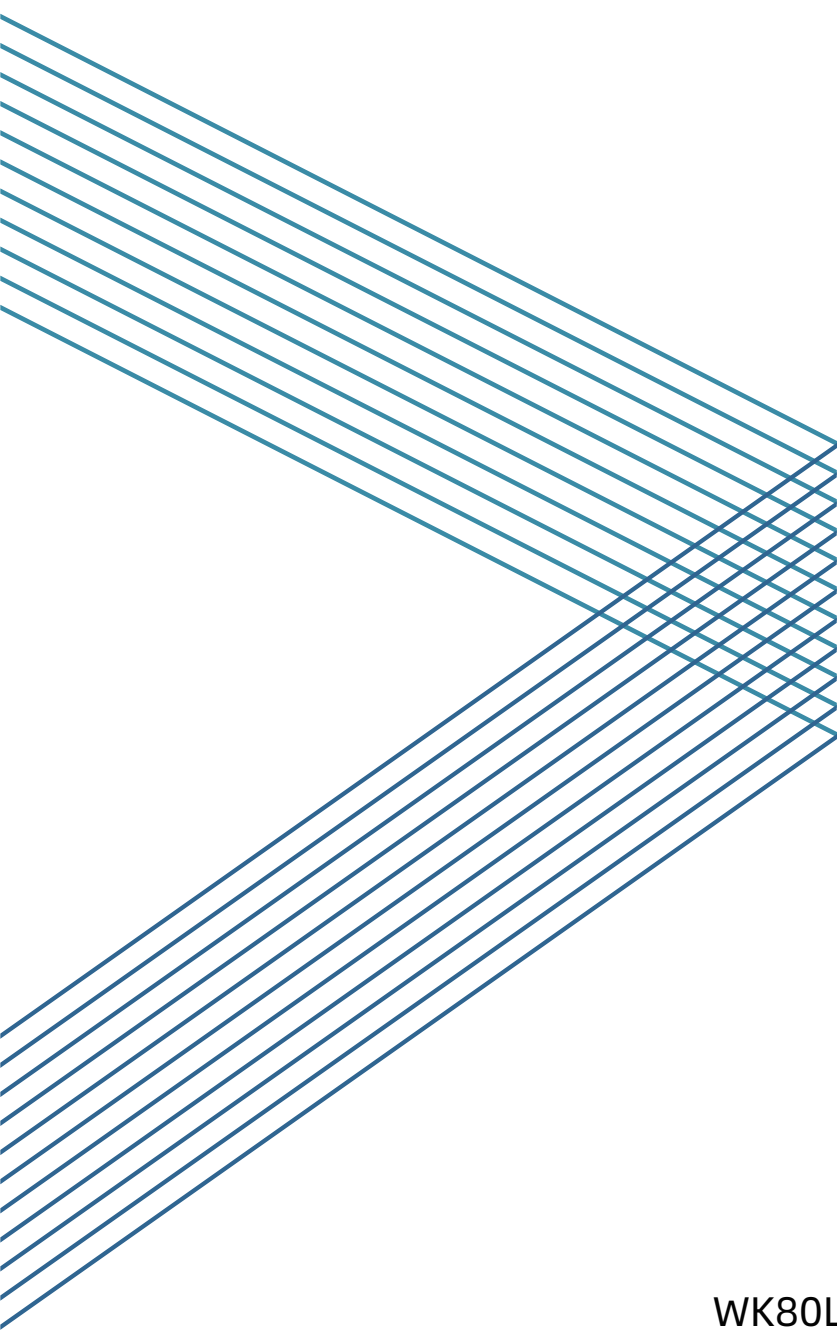




WK80L Series

Instruction

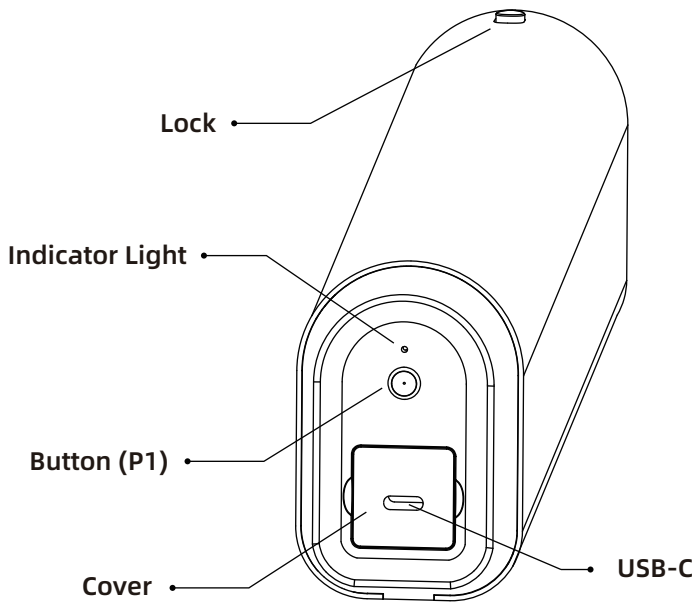
INS-101-C142
A-02 June 2026

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 shutter and keep people away until the shutter 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.



Product Introduction



* Remove the cover, then connect a USB-C cable to the port to charge the motor.

Features

- Built-in Receiver
- Automatic Limit Setting
- Pull-to-Start / Stop Control
- App Control
- Adjustable Speed
- Direction Reversal
- Stall Protection
- Programming Button (P1)
- Factory Reset
- Electronic Limits
- Favorite Position
- Wall Switch Control
- Manual Override

Applications



This motor is designed for use with motorized curtains.

Specifications

Operating Temperature: -10°C to +55°C	Rated Voltage (DC Motor): 7.2 V
Maximum Running Time: 4 minutes	Charging Voltage: 5 V
Rated Power: 24 W	Radio Frequency: 433.92 MHz

*** For additional motor models and torque specifications, please refer to the product nameplate.**

Caution

1. Do not expose the motor to moisture or extreme temperatures.
2. Do not cut the antenna. Keep it away from metal objects.
3. Do not allow children to play with this device.
4. Do not use the product if the power cable or connector is damaged.
5. Ensure the power cable and antenna are kept clear of and protected from moving parts.
6. Cables routed through walls must be properly insulated.
7. Before installation, remove any unnecessary cords and disable any equipment not required for powered operation.
8. Installation and programming must be performed by a qualified professional. Use or modification outside the scope of these instructions may void the warranty.



Read all safety instructions before use.

Setting Notice

Please read the following instructions carefully before setup.

1. Operation :

- ① The valid interval for pressing buttons is within 10 seconds. If no operation occurs within 10 seconds, the remote will exit the current setting mode.
- ② The motor will flash its LED and emit a beep as a prompt. Perform operations only after the LED flashes and the beep sounds.

2. Limits setting :

- ① After installing the curtain motor, set the limit switches before first use.
- ② Once the limit switches are set, the motor memorizes the settings. After a power cycle, open and close the curtain once to restore the limits.
- ③ After replacing the track or curtains, cancel the previous limit settings and set them again.

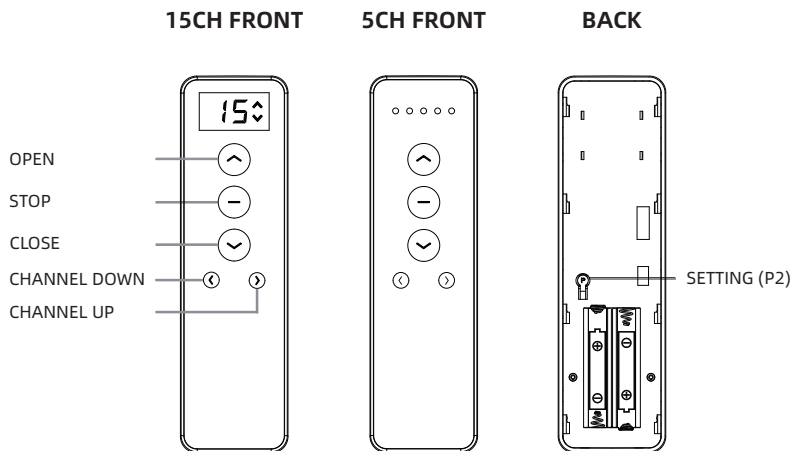
3. Remote Replacement

- ① If a remote is lost, replace it with a new one.

4. Channel Storage

- ① Each motor can store up to 10 channels. Once full, pairing a new channel will overwrite the oldest stored channel in a circular manner.

Button Instructions

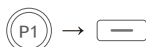




Essential Settings

Steps 1-3 must be completed to ensure proper operation.

1 Pairing



P1 STOP

- ① Press and hold the programming button on the motor head until the green indicator light flashes once. Release the button, and a single beep will be heard.
- ② Within 10 seconds, press the pairing button on the remote. The buzzer will beep 3 times and the green LED will flash 5 times to confirm successful pairing.

2 Switch Rotating Direction (Optional)

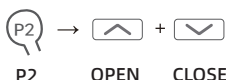
If the drapery closes when pressing OPEN, you can switch the motor direction using one of the following methods:

Method 1 (No-Limit State):



- Press and hold **OPEN** and **CLOSE** buttons simultaneously for 2 seconds. The green LED will flash 5 times and the buzzer will beep 3 times to indicate the direction has been switched successfully.

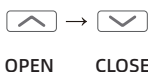
Method 2 (After Limit Setting):



- ① On a paired remote, press **P2** once (the buzzer beeps once), then release.
- ② Press **OPEN** and **CLOSE** simultaneously once. The green LED will flash 5 times and the buzzer will beep 3 times, indicating the motor direction has been reversed successfully.

***Note:** Switching the motor direction will cancel the current limit switch settings. Please reset the limit switches

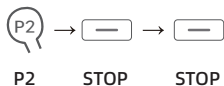
3 Setting Open and Close Limits



- ① Press **OPEN** once. The green LED will flash 2 times and the buzzer will beep 2 times. The drapery will open until it stops at the end position.
 - ② Press **CLOSE** once. The green LED will flash 2 times and the buzzer will beep 2 times. The drapery will close until it stops at the end position.
- The limit setting is completed successfully.

4 Set a Favorite Position

1 Set a Favorite Position



Ensure both the open and close limits are set. Use the remote to move the drapery to your desired position.

- ① Press **P2** (the LED flashes once and the buzzer beeps once).
- ② Press **STOP** (the LED flashes once and the buzzer beeps once).
- ③ Press **STOP** again (the LED flashes 5 times and the buzzer beeps 3 times).

The favorite position is now set successfully.

* Press and hold **STOP** for 2 seconds to move the drapery to the favorite position automatically.

2 Delete the Favorite Position



- ① Press **P2** (the LED flashes once and the buzzer beeps once).
- ② Press **STOP** (the LED flashes once and the buzzer beeps once).
- ③ Press **STOP** again (the LED flashes slowly 1 times and the buzzer emits one long beep).

The favorite position is now deleted.

5 Adjust Limits

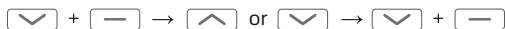
1 Adjust the Open Limit



- ① Press and hold **OPEN** and **STOP** simultaneously for 5 seconds (the LED flashes slowly once and the buzzer emits one long beep).
- ② Press **OPEN** or **CLOSE**, or gently pull the drapery by hand to adjust to the desired open position.
- ③ Press and hold **OPEN** and **STOP** simultaneously for 2 seconds (the LED flashes 5 times and the buzzer beeps 3 times).

The new open limit is now set.

2 Adjust the Close Limit



CLOSE STOP OPEN CLOSE CLOSE STOP

- ① Press and hold **CLOSE** and **STOP** simultaneously for 5 seconds(the LED flashes slowly once and the buzzer emits one long beep).
- ② Press **OPEN** or **CLOSE**, or gently pull the drapery by hand to adjust to the desired close position.
- ③ Press and hold **CLOSE** and **STOP** simultaneously for 2 seconds(the LED flashes 5 times and the buzzer beeps 3 times).

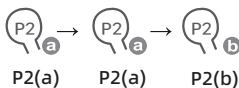
The new close limit is now set.

*** If no new limit is confirmed within 2 minutes, or if P1 or P2 is pressed, the motor will exit limit adjustment mode automatically. The previous limit settings will remain unchanged.**

6 Pair / Unpair an Additional Remote

Pair an Additional Remote

- ① On an existing paired remote, press **P2** twice(the LED flashes once and the buzzer beeps once each time).
- ② On the new remote, press **P2** once.
- ③ The LED will flash 5 times and the buzzer will beep 3 times, confirming successful pairing.



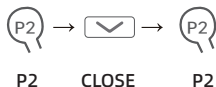
The new remote is now paired with the motor.

Unpair a Remote

Repeat the same procedure using the remote you want to remove.
The remote will be unpaired from the motor.

***(a) as existing remote, (b) as new remote to pair/unpair.**

7 Delete All Limits



- ① Press **P2**(the LED flashes once and the buzzer beeps once).
 - ② Press **CLOSE**(the LED flashes once and the buzzer beeps once).
 - ③ Press **P2** again(the LED flashes 5 times and the buzzer beeps 3 times).
- All limit settings have been cleared.

8 Run/Stop by Pulling Fabric



Disable the Function

① Press and hold **OPEN** and **CLOSE** simultaneously for 5 seconds (the green LED flashes once and the buzzer beeps once).

② Press the **STOP** button once (the green LED flashes 1 times and the buzzer emits one long beep).

The pull-to-start / stop function is now disabled.

Enable the Function

Repeat the same steps above. The buzzer will beep 3 times and the green LED will flash 5 times, indicating the function has been enabled.

Note: This function is enabled by default.

9 Speed Adjustment

1 Increase Speed



Press P2 (1 flash and 1 beep), then press OPEN (1 flash and 1 beep), then press OPEN again.

- 5 flashes and 1 long beep = 1st speed gear
 - 5 flashes and 2 long beeps = 2nd speed gear
 - 5 flashes and 3 long beeps = 3rd speed gear
- The motor running speed is accelerated.

2 Decrease Speed



Press P2 (1 flash and 1 beep), then press CLOSE (1 flash and 1 beep), then press CLOSE again:

- 5 flashes and 1 long beep = 1st speed gear
 - 5 flashes and 2 long beeps = 2nd speed gear
 - 5 flashes and 3 long beeps = 3rd speed gear
- The motor running speed is decelerated.

10 Factory Reset



P1

Hold the P1 button on the motor head for 14 seconds (8 flashes, 4 beeps) to reset the motor to factory settings.

Quick Index

	Settings	Steps
1	Pairing	P1 (hold 2S) → Stop(hold 2S)
2	Switch Direction	No limits set: OPEN + CLOSE (hold 2 s)
		With limits set: P2 → Open + Close
3	Set Open & Close Limits	Open → Close
4	Set / Delete Favorite Position	P2 → Stop → Stop
5	Adjust Limits	Open limit: Open + Stop (hold 5 s) → Open or Close → Open + Stop (hold 2 s)
		Close limit: Close + Stop (hold 5 s) → Open or Close → Close + Stop (hold 2 s)
6	Pair / Unpair Additional Remote	P2(a) → P2(a) → P2(b)
7	Deleting All Limits	P2 → Close → P2
8	Pull-to-Start / Stop Control	Open + Close (hold 5S) → Stop
9	Speed Adjustment	Increase: P2 → Open → Open
		Decrease: P2 → Close → Close
10	Factory Reset	P1 (hold 14 s)

Troubleshooting

Issue	Possible Cause	Solution
The motor does not respond	Power failure or incorrect connection	Double-check the power supply and cable connections. Follow the wiring instructions.
	Remote battery is low	Replace the battery.
	Radio interference or signal blockage	Ensure the motor antenna is intact and exposed. Check for possible sources of interference.
	Out of control range	Move closer to the motor and try again.
The remote cannot control a single motor	Multiple motors are paired to the same channel	Ensure each motor is paired to an individual channel.
		Use a multi-channel remote for multi-motor setups, and assign one motor per channel
The motor does not run, runs slowly, or makes unusual noise	Connections are incorrect.	Check and correct the connections.
	Incorrect installation or overload	Check the installation and ensure the load is within the rated capacity.
The motor stops during opening or closing	The motor has reached the open or close limit	Adjust the open or close limit settings.
	Continuous operation exceeds 4 minutes	Before limit settings are configured, the maximum run time in one direction is 4 minutes. Restart the operation if needed.

*** For further assistance, please contact customer support.**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

FCC Radiation Exposure Statement:

Motor:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

Remote:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

