

Reciprocating Motor Remote Control User Manual



1. Product Overview

This remote control is specifically designed for reciprocating motors, supporting wireless remote speed adjustment, deceleration, shutdown, and timing functions. It features a long range, strong interference resistance, stable signal transmission, and easy installation.

2. Container Loading List

Remote control × 1

Receiver × 1

User Manual × 1

3. Usage Instructions

- Before using the remote control, install two 1.5V AAA batteries.
- Do not exceed the motor's rated current or rated load.
- All wiring should be kept away from high-temperature and humid environments.
- Before wiring or maintenance, disconnect the power supply.

4. Wiring Instructions

- ① The input terminal is connected to a 24V DC power supply.
- ② The output terminal is connected to a reciprocating motor.



5. Button Function Description

- ① Start button: Press the Start button to begin motor operation.
- ② + button: Adjust speed and increase the timing duration.
- ③ - button: Reduce speed and shorten the timing duration.

(Short press to adjust gradually; Long press to quickly and continuously adjust to the desired speed and duration)

- ④ Set button: Speed and timing settings (allows you to specify the motor speed and duration, with automatic shutdown upon expiration)

Press the Set button to enter the speed setting mode, then use the + and - keys to adjust to the desired speed.

Press the Set button again to enter the timing setup mode, then adjust the desired time using the + and - buttons.

- ⑤ Pause button: Temporarily stops the motor operation. When set to 'retain' mode without cancellation, pressing the Start button resumes operation at the previous speed and timing.
- ⑥ Stop button (Stop): Fully stops the motor operation; the timer setting is canceled.



6. Pairing Method

- ① Connect the receiver's input terminal to a 24V DC power supply and its output terminal to the reciprocating motor then turn on the power.
- ② Press the pairing button on the side of the receiver; the indicator light will turn on.
- ③ Press the Start button on the remote control to complete pairing.



7. Troubleshooting

The remote control is unresponsive: Check the battery level; verify that the wiring is correct; repair the pairing.

-Reduced remote control range: Replace the battery; avoid metal obstructions and signal interference sources.

-Unable to adjust speed (acceleration and deceleration ineffective): Check if the receiver is operating normally; rematch the remote control; replace the remote control battery.

-Timer function failed: Check if the timer settings are correct; rematch the remote control; replace the remote control battery.

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.