

# Installation Instructions

Notes:



## 1. Remote Control

1) Start and stop: The remote control has its own remote start-stop function. Press the start button to start the vehicle, and press the stop button to turn off the vehicle.

2) Emergency stop button: In an emergency, press the middle emergency stop button, the engine will automatically stop and the motor will automatically return to the center to reset, and all actions of the remote control will stop working.

3) Fast and slow gear: The speed of all motors will not be limited in the case of fast gear, and the fastest speed of all motors will be limited in the case of slow gear, which is suitable for beginners learning to drive or hoisting heavy goods.

4) Indicator light description: Turn on the remote control switch and the green light is always on, which means the signal is normal. The signal light flashes or goes out, which means the signal is abnormal. Please check the installation method. The power light flashes when the voltage is too low, please charge it in time.

5) Disclaimer: The flameout line must be connected in series with the engine shutdown line or the hydraulic power take-off harness. Please check whether the emergency stop button fails each time you start the vehicle. During remote control operations, the operator's line of sight must not leave the vehicle, and it is strictly forbidden to stand around the boom. If you need to approach, please press the emergency stop button to turn off the engine before starting the operation. Illegal operations are strictly prohibited, and we do not assume any responsibility for illegal operations.



## 2. Receiving Main Control Box

The flameout line is connected in series with the engine shutdown line or the hydraulic power take-off harness. Please check whether the emergency stop button is valid every time you start the vehicle. It is strictly forbidden to stand around the arm. If you need to approach, please press the emergency stop button to turn off the engine before starting the operation. Illegal operation is strictly prohibited, and the illegal operation shall bear the responsibility!

**The signal receiving main control box should be installed as far as possible in a place where rainwater cannot get in, and the motor unit should also be waterproofed to prevent rainwater infiltration and cause unnecessary losses.**

1. Observe the console, look at the panel hole position, and determine the position of the motor units to be installed.

After determining the installation position, install the fixing screw, If there is no hole, you can use the self-tapping screw to fix it.

(As shown in the picture on the right)



(As shown in the picture on the left), it is necessary to pay attention to the distance between the motor swing arm and the operating rod. It is best to ensure that the distance is 10-20CM. If it is too close, it is not easy to install.

**Note: The following step is to reset the motor to determine the position of the starting point of the motor's central shaft, and to determine the basis for the installation of the subsequent transmission mechanism, so as to ensure that the motor will not overstep or Operation is not in place.**

2. After installing the motor units, (as shown on the right) connect the motor wires to the receiving main control box in sequence. Use the remote control to control each motor to confirm that the motor pendulum is in the required position after resetting, It is convenient for the installation of the subsequent push rod structure.



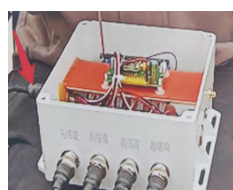
3. After the position of the swing arm of the motor unit is reset, start to install the transmission structure; install the U-shaped buckle on the operating rod, and fasten it tightly. After the U-shaped buckle of the swing arm and the screw rod are installed, install the U-shaped buckle of the operating rod.



4. Find the power cord of the car, and measure about 24 volts. (Picture 1) Connect the power cord of the main control box. The arrow points to the power cord of the main control box, connect the power cord. (Picture 2) After the main control box is powered on, the motor automatically resets, pull the operating lever to determine whether there is 1MM activity space (Picture 3) Remote control to determine the working state of the motor, as shown in the figure above, the micro-motor swing arm, make sure the motor normal work. (Picture 4)



(1)



(2)



(3)



(4)

5. The two blue control shafts are used to fine-tune the forward and rearward swing positions of the motor swing arm. If the control lever is not in place when the motor swings the arm forward, it can be rotated to the left, and the motor will vibrate when the gear is overshifted.



you can rotate it to the right and retract it to ensure that the joystick works in place when the remote control is performed. After adjustment, the main control box can be fixed.

**Note:** The motor swing arm is out of gear or not in place, generally because the transmission arm is too long or too short, and it can also be adjusted by the rib rod. If the position difference is too large, please use the rib rod to adjust.

6. The waterproof sunscreen is composed of four iron plates. As shown in the figure, we only need to fix it on the motor chassis bracket after installing it.

