# Control System

# User Manual

# Overview

Product Name: Control System
Model: RC001



Product Name: Control System
Model: OA001



# Specifications

| | |
|---|---|
| Power | 2 AAA batteries for remote control; 5V DC for Receiver. |
| Display | The display screen is white. Three digit number with decimal point |
| Communication parameters | Custom 2.4G wireless communication. Frequency band: 2.4 GHz; Communication distance: more than 10m; |
| Product life | The service life of keys is more than 25000 times |
| Consumption | Standby current is less than 10uA; |
| Work environment | Indoor use; Temperature: 0~40 ℃; Relative humidity: annual average humidity ≤ 95%; |

# Product Functions

The function of the remote control is realized by the control box itself, and the remote control is an interactive interface. The specific functions are determined by the control box. The following functions are common functions of the control box, and different control boxes may have different functions.

1、 **Power on display**

   After the remote control is powered on, the digital display will be on for 1s and off; Press any key to light up the screen. If there is no key operation within 5 seconds, the screen will automatically go out.

2、 **Pairing**

   (1) Press and hold the "P" key of the remote control for 3s, and the digital display flashes 00.0. At this time, the receiver will be powered on immediately and automatically paired, and the digital display "Co" is completed; Note: The receiver can be paired within 10s after being powered on;

   (2) If the remote control fails to pair successfully for more than 30s, it will automatically exit the pairing mode;

   (3) Press "1" during pairing to exit pairing mode;

3、 **Display**

   When the screen is lit, the current height will be displayed by default.

4、 **Reset**

   Continue to press the paddle down until "E-1" and "rES" are displayed alternately on the display screen. At this time, release the key, press the down key again, and the column slowly moves down to the lowest position and then rebounds for a distance. The display screen displays the initial minimum height. Release the key, the reset is successful, and the product can be used normally. (Note: This function is required to be operated when the product is powered on for the first time or when the power is cut off and powered on again, or when a fault or error occurs)

5、 **Lifting**

   (1) Press and hold the paddle upward to move the TV bracket upward. Release the paddle and stop the operation. It will stop automatically when it reaches the maximum height.

   (2) Press down the paddle long enough to move the TV stand downward. Release the paddle and stop the operation. It will stop automatically when it reaches the minimum height.

6、 **Screen Flip**

   (1) Press the left key "  " to flip the screen to a vertical angle.

   (2) Press the right key "  " to flip the screen to a horizontal angle.

7、 **Error or fault code display**

   RES/E-1: reset required or in process;

   E-2: Collision detected, re operate after removing the obstacle;

E-3: The motor circuit is faulty. Please check whether the motor circuit is connected normally and can operate normally after resetting;

E-4: If the height of two columns is inconsistent during operation, please reset;

Ovr: Overload operation, reduce desktop load and continue operation;

dut: the overheating protection of the control system. According to the minutes displayed after "dut", it can only be operated after a corresponding time;

## Statement

Please take attention that changes or modification 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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

l'appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est soumise aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage,
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.