

## Functional specification of DC12~30V motor controller

**[Product Name]** DC motor wireless controller

**[Product Model]** SMJS0201-29V-A +SMYK1503

**[Product Overview]** This product is specially made for motor control (control forward, reverse, stop), can be operated manually and remote control, simple and convenient operation, remote control shape fashionable and generous, AC / DC can be selected (indicated when ordering).

This DC wireless controller and three key remote control is a complete set of wireless digital intelligent learning manual, wireless control components, mainly used in the control ac (dc) motor reversal (e. g., lift, hoist, elevator, conveyor, electric curtain, electric hanger, garage door, expansion door, etc.), can be used to control the equipment to achieve positive, reverse, or switch on, break conversion, realize wired wireless compatible.

This product has the characteristics of high confidentiality, large storage, stable performance and low power consumption, and is easy to use, do not need to use the traditional jumper or pull switch coding, only the remote control transmitted by the wireless signal for the receiving controller to receive and store can achieve matching use. Each receiving controller can store multiple transmitters (remote control). If the learned remote control is lost during use, just clear the information stored in the controller, and the lost remote

### 【Remote control part】

- 1、Use three-key shell (screen is, top, stop, down)
- 2、Operating voltage: 12V (battery 23A)
- 3、Operating current: 15MA
- 4、Static current: less than 5 uA
- 5、Operating frequency: 433.92M
- 6、Working distance: 20~30 meters indoor
- 7、Coding method: using the learning code chip (1 million group codes)
- 8、Operation function: press the upper key to turn, press the stop key to stop, press the key to reverse



## 【Controller section】

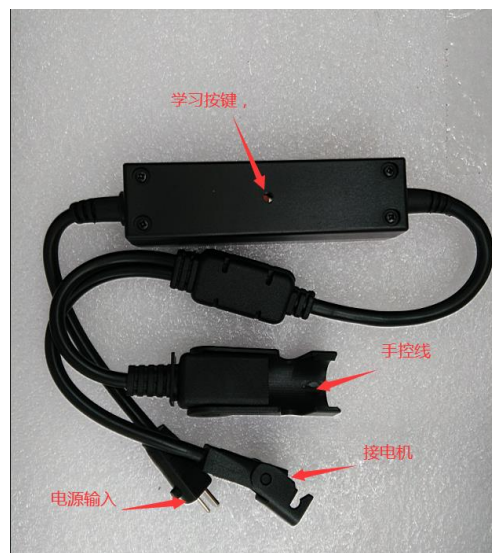
- 1、DC (12 / 29) input, control DC output (motor reversal)
- 2、Operating voltage: DC12~30V
- 4、Static current: 10MA
- 5、Operating current: less than 40MA
- 6、Rated current: less than 10A
- 7、Rated power: less than 500W
- 8、Operating frequency: 433.92M
- 9、Working distance: 20~30 meters indoor
- 10、Decoding mode: using the single-chip microcomputer learning code

## 【operation declaration】

- 1、Pairing description: press the receiving learning button, in 10S, press any key on the remote control, the learning light flash three times, then out, indicating the success of learning
- 2、Delete code description: long press the learning key 7S on the controller, the learning light flash three times, indicating the deletion code
- 3、Remote control: press the remote control UP key: the motor is forward or up; press the remote control DOWN button motor stop, then press the remote control DOWN button, the motor reverse or down, press the UP button motor stop; output use the interlocking function, press the UP or DOWN button after the power opportunity to turn in one direction (not stop), only press the reverse button of the remote control, the motor will stop turning
- 4、Manual function description: hold up or down, the motor up or down, open stop
- 5、The controller is powered off, and the original working state is automatically removed
- 6、Motor conversion direction description: long press the remote control up and down key 10S, the learning light flash three times, the direction reversal successfully

**注:** When using manual wireless integrated products, manual is preferred  
(no matter the motor is in any state, press the manual key to perform the manual button direction)

**Scope of application: DC motor control equipment  
such as elevator, hoist, hoist, conveyor, projection  
screen, Electric curtains, electric hangers, garage  
doors, retractable doors, etc**



## 【Product size chart】

project name	尺寸		项目名称	尺寸
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Controller length	91mm		Remote control length	62mm
Controller width	25mm		Remote control width	29mm
Controller hickness	26mm		Remote control thickness	13mm

**Note: To ensure the receiving distance, the product location is recommended to keep away from the interference source as far as possible**

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.

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

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.



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-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

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