

**Feature:**

- I Provides variable speed capability for DC motor
- I Provides limit function
- I Achieves start, stop, speed up and down, positive and reverse rotation RC controlled

**Features:**

DC Motor Speed Controller can achieve simple automatic functions. It can remote control the speed up and down, positive and reversing rotation and stop of the brushed DC motor. It owns powerful function, stable performance and beautiful appearance.

**SPECIFICATIONS:**

**Input Voltage:** DC 12-30V.

**Power:** max 250W cont. for 12V

max 350W cont. for 24V

DC power supply  $\geq 1.3$  times of the motor power

**Max Output Current:** 30A (Equipped with 30A fuse)

**Power LED:** System starts normally, the two LEDs flash at the same time.

When the motor is in stop status, the LED D3 flashes once per second.

**Direction LED:** In operation, push Key 1 or Key 2 of remote control (control direction of motor), the LED D4 or D3 lights up.

**Potentiometer:** 10K/100k

**Signal Input Pin:** (with 4P connecting lines): connect two manual switches to control the direction of motor

**Limit Input Pin:**

Connect mechanical stroke switch (micro switch) to achieve limit function;

Connect photoelectric switch; proximity switch; hall switch (NPN normal open type) to achieve the limit function

**Remote Control Key Function:**

**Key 1:** Positive **Key 2:** Reverse **Key 3:** Stop

**Key 4:** Speed Up **Key 6:** Speed Down

Item size: 160mm x 92mm x 43mm

Remote Control Size: 36mm x 84mm x 16mm

Net weight: 365g

**IMPORTANT NOTES:**

I An appropriately rated fuse (rated a little higher than the maximum current you expect to draw) is recommended to ensure safe operation.

I The controller is NOT reverse-polarity protected and it will be damaged if connect the supply voltage with wrong polarity. Double check all connections before applying power and always turn off the power supply before making any wiring changes

**Operating instruction:**

Before you attempting to wire the controller, make sure power is off.

**WARNING: DO NOT REVERSE POSTIVE AND NEGATIVE POWER LOADS.THIS WILL DAMAGE THE CONTROLLER.**

1. Connect wires refer to the "Instruction Manual"

2. Turn on the power, use the RC controller or adjust the potentiometer to achieve the function.

3. The LED indicates the power up and the speed of motor.

**Package Including:**

1 x DC Motor Speed Controller

1 x Remote controller

1 x potentiometer

1 x 4P connecting lines

1 x Instruction Manual