

# C7-MINI PRO

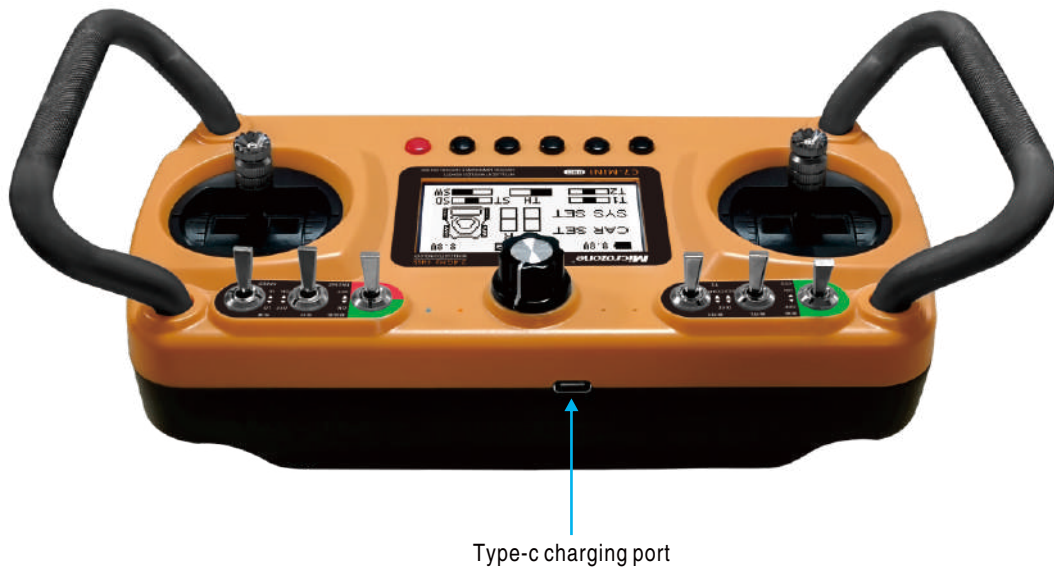
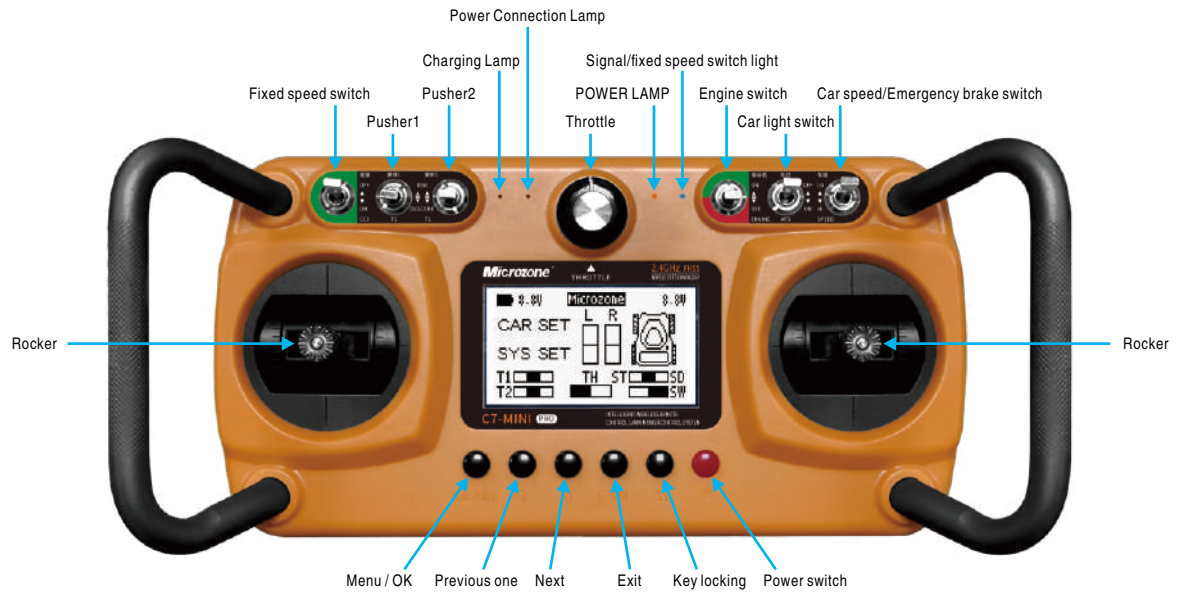
VERSION NUMBER:V1.0.0



## PRODUCT MANUAL

Please read the manual before use

## REMOTE CONTROL FUNCTION ANALYSIS



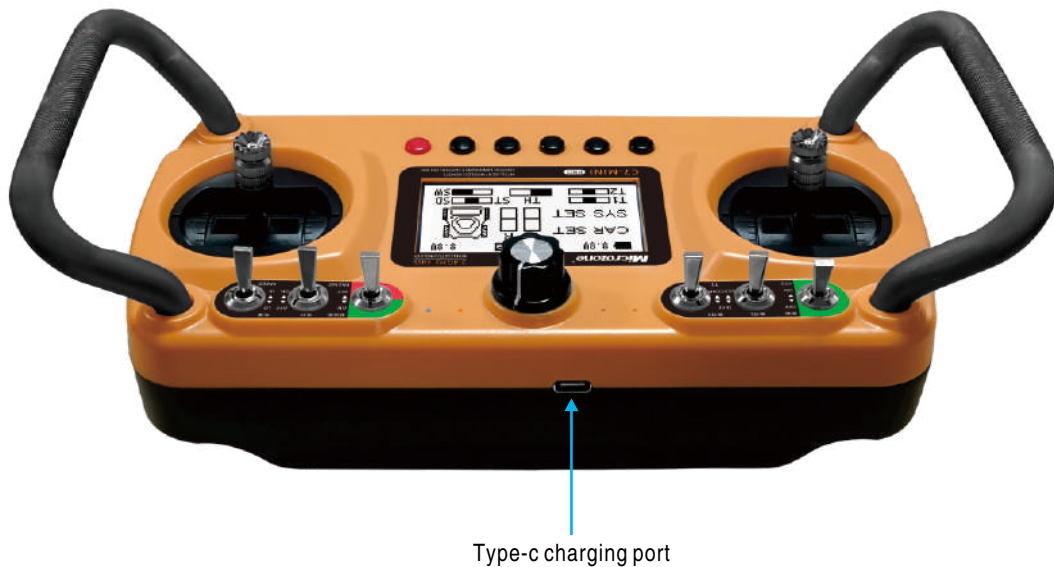
## REMOTE CONTROL SPECIFICATIONS AND PARAMETERS

Model	C7-MINI PRO
Color	Orange-black/Blue-black/Red-black
Display color	Black and white 128*64 px
Language	Chinese/English
Applications	Remote control lawn mowers / Remote control agricultural machinery / Transport tank vehicles / Photovoltaic cleaning robots
Number of channels	9
Channel Resolution	PCM1024
Radio band	2401MHz - 2478MHz
Transmitting power	≤100mw
Control distance	>800m
Low voltage alarm	Yes
Charging port	Type-c
Size(length, width, height)	253*110*90mm
Weight	623g

## DETAILED DESCRIPTION

### CHARGING:

Use the Type-c cable + charger to connect the remote control for charging, as shown below, the.

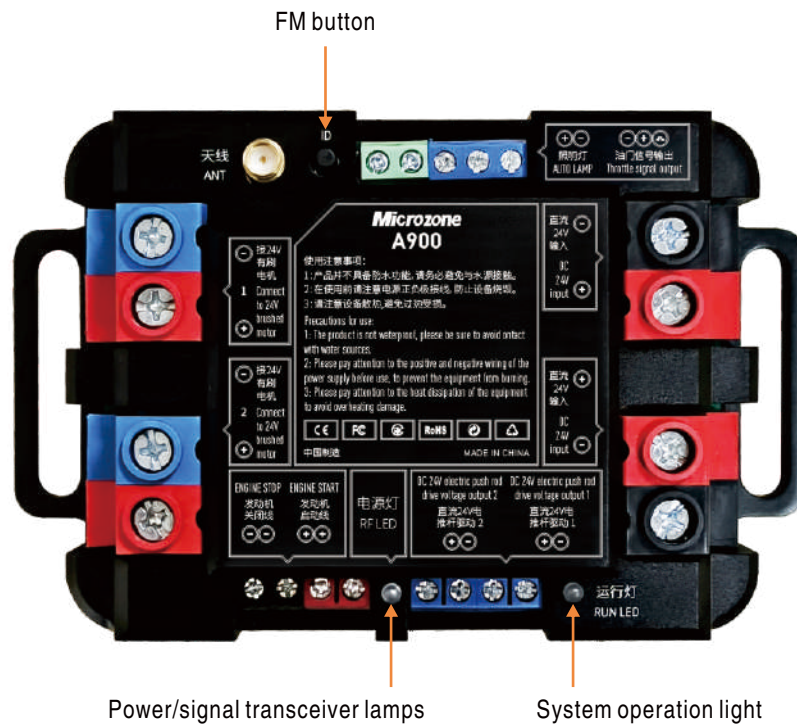


### FIRST TIME USE:

The first time you unpack the use of the remote control and receiver for frequency pairing, frequency pairing after the success of the remote control and receiver for a short distance distance test, hand holding the remote control from the receiver 10 to 15 metres away, and then toggle the remote control rocker, to observe whether the device is controlled by the remote control, if controlled that the remote control and the receiver is working properly.

### FREQUENCY PAIRING:

After the remote control is turned off and the receiver is powered on, the power/signal transceiver lamp is on. Press the frequency pairing button on the receiver, the power/signal transceiver lamp and the system operation lamp flash alternately to indicate that the receiver is in the frequency pairing mode, then turn on the remote control, the power/signal transceiver lamp on the receiver blinks slowly and the system operation lamp blinks fast to indicate that the frequency pairing has been successful.



### SAFE SHUTDOWN RECOMMENDATION:

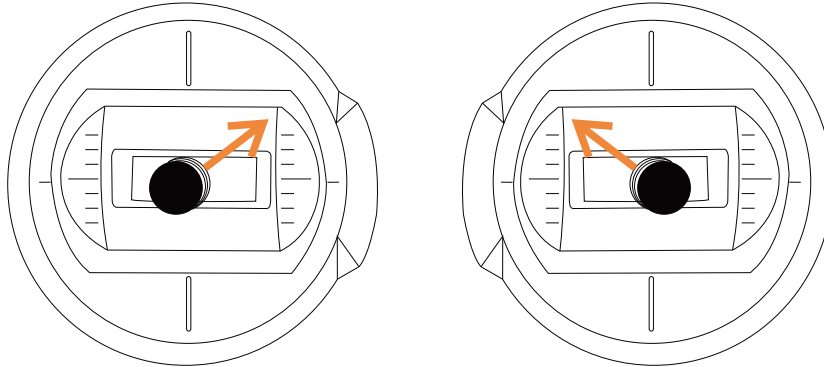
To ensure the safety of your equipment and yourself, turn off the power to the equipment first and then to the remote control after the equipment motor has stopped running.

### LOW VOLTAGE ALARM:

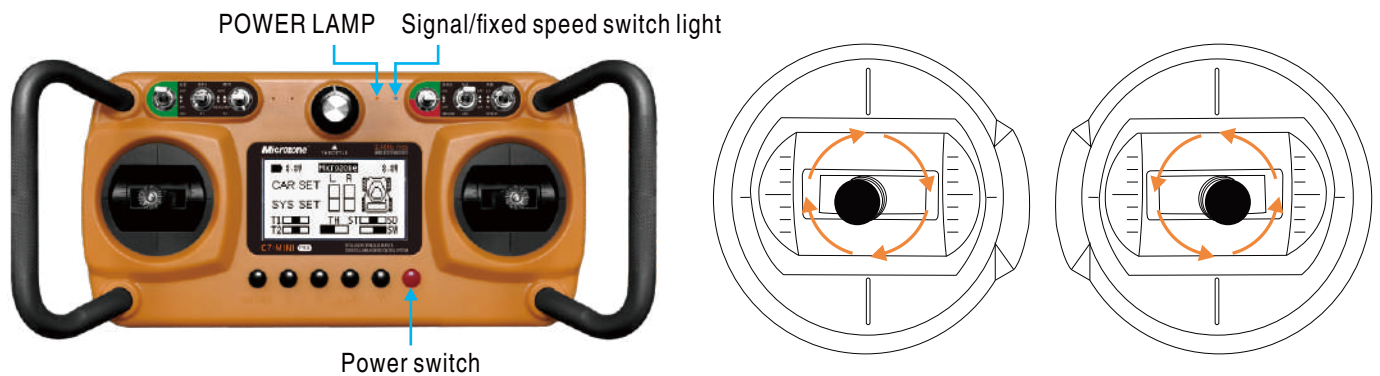
When the voltage of the remote control is lower than 6.8V, it will tick and the battery icon will flash, prompting you that the power is low, please charge it as soon as possible.

### ROCKER CALIBRATION:

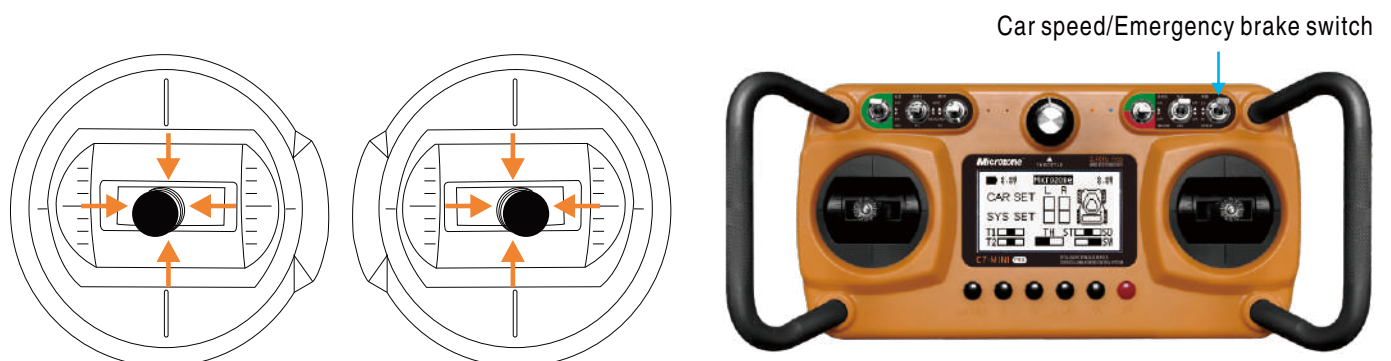
In the shutdown state, pull the left joystick to the upper right corner and the right joystick to the upper left corner, as shown in the following figure,



At the same time turn on the power switch of the remote control and enter the joystick calibration state, the remote control will make a sound, the power indicator light and the signal light/speed fixed switch indicator light flash alternately, first, pull the two joysticks of the remote control to the maximum extent left, right, up, and down, as shown in the following figure,



Then toggle the lever to the center position as shown below, finally toggle the car speed/emergency brake switch, the sound will stop and the power indicator and signal/fixed speed switch indicator will stop flashing alternately, calibration is complete.

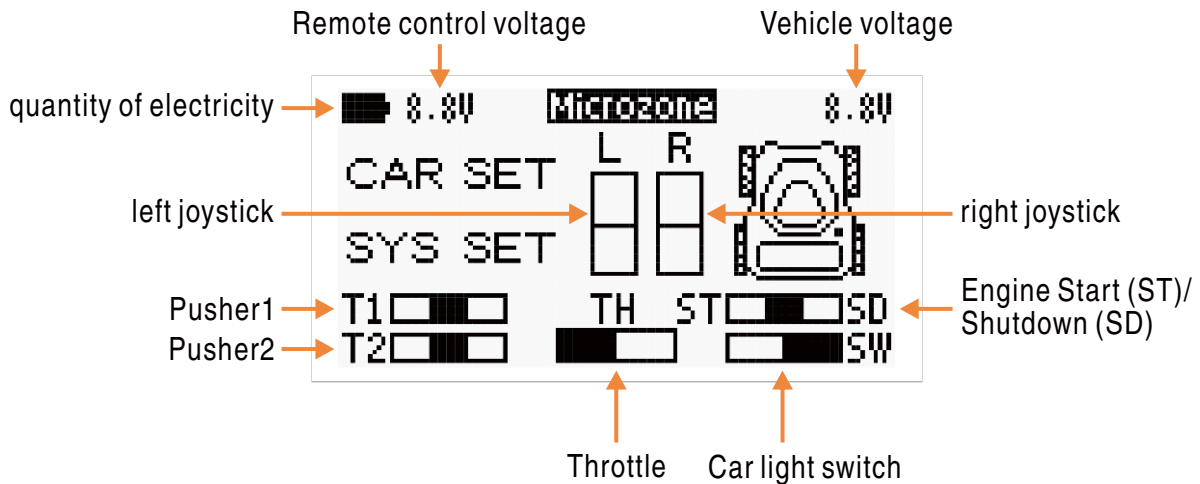


## OPERATION PAGE DESCRIPTION

### BOOT PAGE:

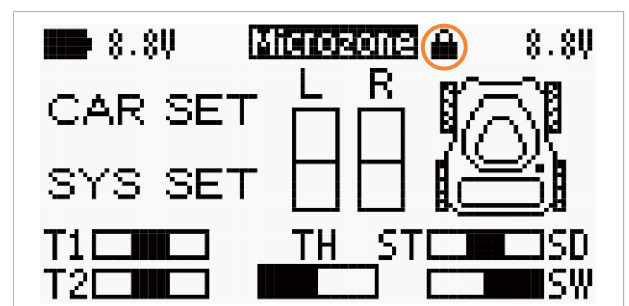


### MAIN PAGE:



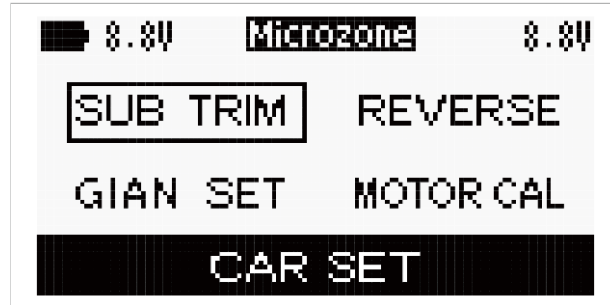
### KEY LOCKING:

When there is no menu selection in the main page, long press <Key locking> key for 2 seconds to lock the key, when the key is locked, press <MENU> key, <EXIT> key, <↑> key, <↓> key are ineffective, and the lock symbol will appear on the page, then long press <Key locking> key for 2 seconds to unlock the key.



**CAR SET:**

When there is no menu selection in the main page, press <MENU> key to select “CAR SET”, then press <MENU> key to enter the vehicle setting, press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to enter.



**SUB TRIM:**

Software fine-tuning, the effect is equivalent to hardware fine-tuning;  
Press <↑> key or <↓> key to select the corresponding channel, press <MENU> key to determine the channel to be modified, then press <↑> key or <↓> key to modify the fine-tuning value, then press <MENU> key to finish.



**REVERSE:**

The operation direction of channels 1-4 can be reversed;  
Press <↑> key or <↓> key to select the corresponding channel and press <MENU> key to finish.





**GIAN SET:**

Adjust the reaction speed of the joystick, the larger the value, the faster the reaction speed, the smaller the value, the slower the reaction speed;

Press <MENU> key, then press <↑> key or <↓> key to adjust the value, then press <MENU> key to confirm.



**MOTOR CAL:**

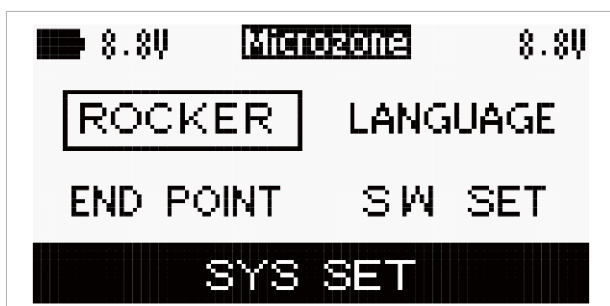
Optimize control parameters, improve system efficiency and stability, adapt to different motors, simplify commissioning, and assist in fault diagnosis;

Press <↑> key or <↓> key to select the corresponding option, press <MENU> key to turn on motor learning, then press <MENU> key to turn off motor learning.



**SYS SET:**

When there is no menu selection in the main page, press <MENU> key, then press <↑> key or <↓> key to select "SYS SET", and then press <MENU> key to enter the SYS SET, you can press <↑> key or <↓> key to select the corresponding option, and then press <MENU> key to enter.



**ROCKER:**

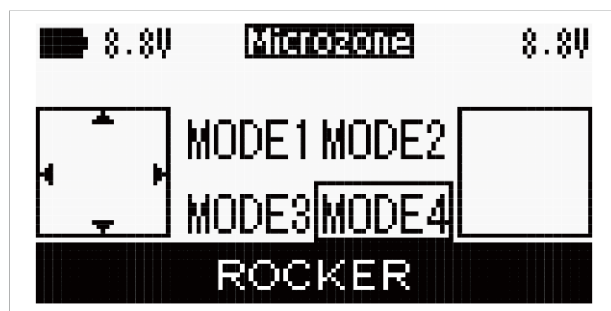
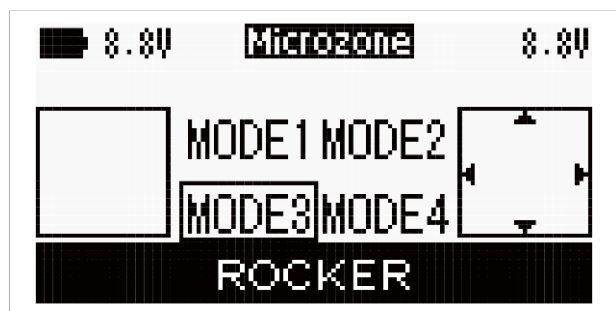
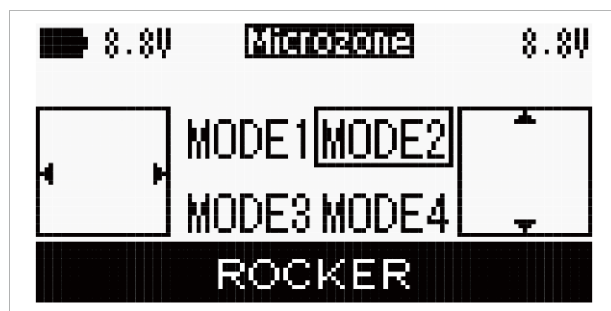
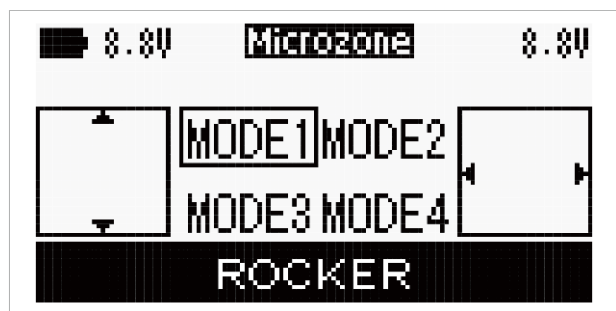
**MODE 1:** Left stick forward and backward controls forward and backward, right stick left and right controls left and right turns;

**MODE 2:** Left joystick left and right control left turn and right turn, right joystick front and back control forward and backward;

**MODE 3:** Left joystick is invalid, right joystick controls forward, backward, left turn and right turn;

**MODE 4:** Left joystick controls forward, backward, left turn and right turn, right joystick is invalid;

Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to confirm.



**LANGUAGE:**

Support Chinese/English;

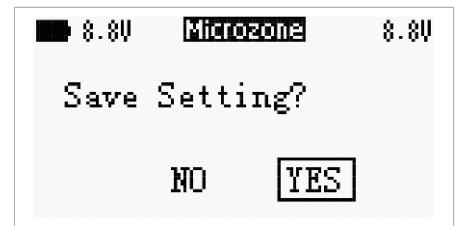
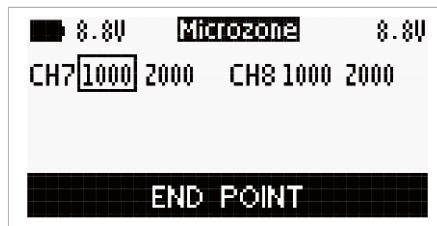
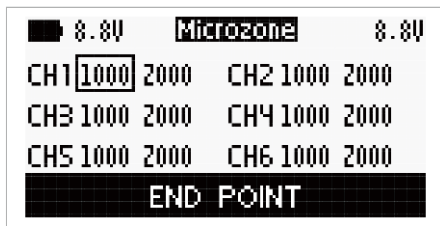
Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to confirm.



**END POINT:**

Used to limit the range of motion of the rudder surface, to ensure that the rudder surface only Events within your desired range of Servo Motor travel;

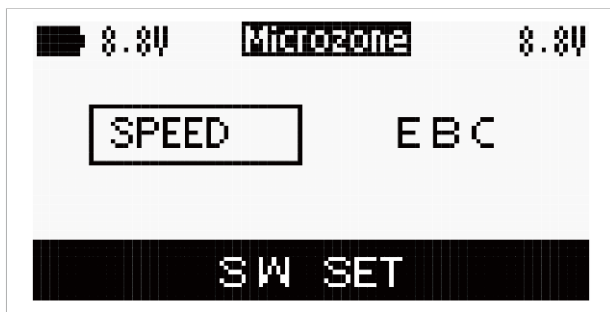
Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key, then <↑> key or <↓> key may to adjust the Amount of travel (press <MENU> key, then <EXIT> key, then <↑> key or <↓> key to select "YES", then press <MENU> key to finish, or press <EXIT> key twice, then press <↑> key or <↓> key to select "YES", then press <MENU> key to finish).



**SW SET:**

**SPEED:** Toggle the car speed/emergency brake switch, back and forth to modify the speed gear;

**EBC:** Toggle the car speed/emergency brake switch forward to turn on the emergency brake, when the emergency brake is turned on, the remote control and equipment will Pause working, the screen will blink and make a sound, toggle the car speed/emergency brake switch backward to turn off the emergency brake; Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to confirm.



Car speed/Emergency brake switch

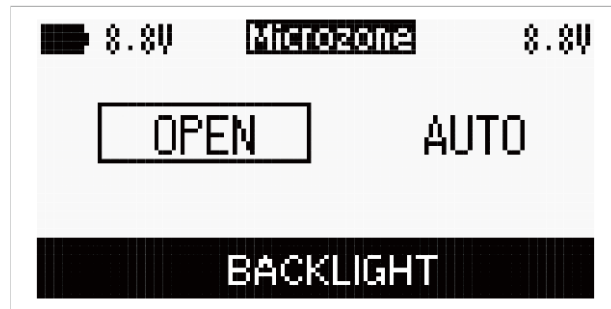


**BACKLIGHT:**

**OPEN:** The screen always turns on the backlight;

**AUTO:** The backlight turns on when you press the key, and turns off after you don't press the key for a period of time;

Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to confirm.



**RESET:**

Reset all parameters to return to the originally set parameters;

Press <↑> key or <↓> key to select "YES", then press <MENU> key to confirm.



**MIX SET:**

Bind the two channels of the receiver together accept one channel control of the remote control for linkage;

Press <↑> key or <↓> key to select the corresponding option, then press <MENU> key to confirm.



# STANDARD CONFIGURATION LIST

Packaging box \* 1, remote control \* 1, receiver \* 1.

## MATTERS NEEDING ATTENTION

**Before starting to use the remote control, carefully read the following precautions!**

1. This product is not a toy and is not suitable for children under the age of 12, Adults should keep this product out of reach of children and keep it out of reach of children Be careful when operating this product in the field.
2. Do not use at night, in thunderstorms, snow, low visibility or other adverse weather conditions.
3. Do not use the remote control in snowy or watery places, if rainwater enters the remote control, the circuit will be short-circuited and cannot be used.
4. Signal interference may cause the remote control to go out of control, places where interference affects more than others are as follows:
  - A. Near the mobile phone signal transmission tower
  - B. Near high-voltage power lines and communication broadcasting antennas
  - C. Near the Military Radar Launch Tower
  - D. The complexity of wireless communication and the commercial path of mobile activities
  - E. Navigation domain
5. Please do not use this product after feeling tired, uncomfortable, drunk, or excited about drugs, otherwise it will cause serious injury to oneself or others The value of is.
6. 2.4G radio band is completely different from the low-frequency radio band used previously; make sure that the product is operated within your line of sight when using it, as large obstacles can block the radio signal and cause loss of control of the remote control and the device.
7. Make sure that the remote control and equipment are installed correctly, and that all servos operate in the same direction as the controls before use, otherwise serious damage to the equipment may occur.
8. If the remote control distance continues to be long, loss of control may occur, so please shorten the control distance appropriately; if the remote control battery voltage is insufficient, the remote control will not be able to send out a signal, which may result in loss of control; therefore, when the remote control has a low voltage alarm, please recharge the batteries as soon as possible.
9. When keeping the remote control off, be sure to turn off the power to the receiver and then turn off the remote control; if you turn off the power to the remote control first and the receiver is still operating, the equipment may go out of control or the engine may continue to operate, resulting in a serious accident.
10. Improper use of the remote control may cause serious injury or even death to the operator or others; To ensure the safety of you, others, and equipment, please be careful Read this guide and follow the instructions.
11. The remote control and receiver required for our company's 2.4G wireless transmission system are used in pairs, while other company products cannot be connected to our company's products The product is of great value.