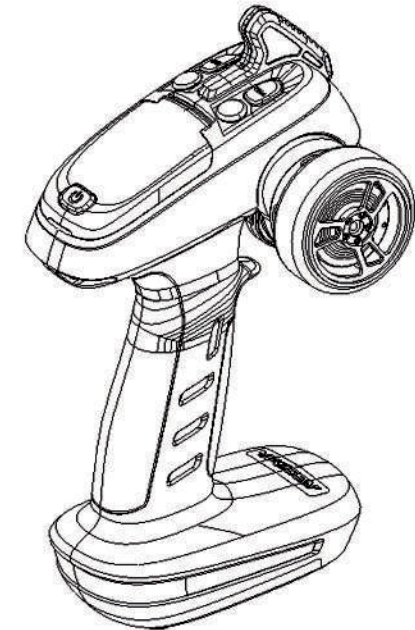


Quick Start Guide

CR10S

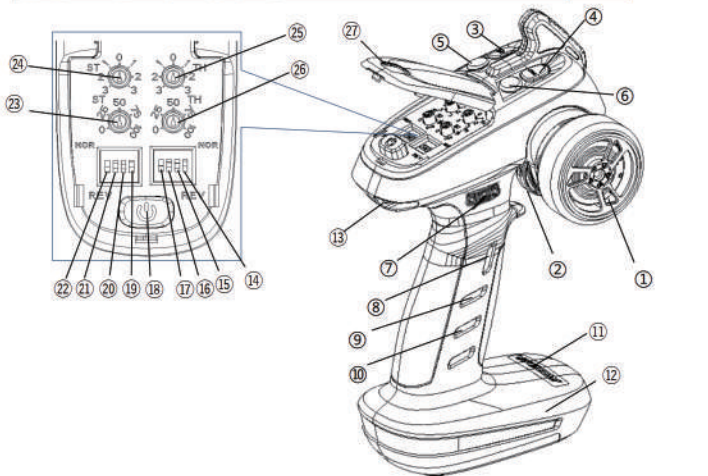


SHENZHEN DUMBO MODEL CO.,LTD

Features:

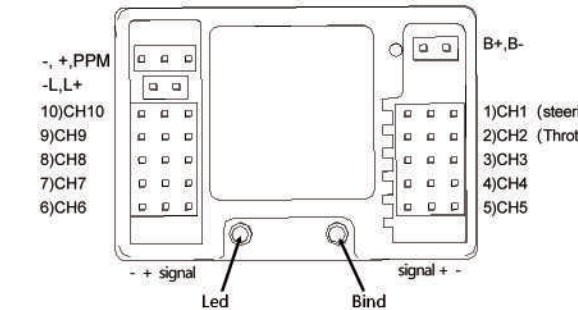
- > 2.4G spread spectrum technology, FHSS 67-channel pseudo-random frequency hopping, super anti-interference, full digital system ensures without loss of control and anti-jamming;
- > Support mixed control of CH1 and CH2, CH3 and CH4, with easier mixed control settings, less prone to accidental touch;
- > CH1, CH2 potentiometer signal; CH3, 4, 9, 10 self-locking button signal; CH5, CH6 potentiometer signal (with gyroscope sensitivity adjustment), CH7 3-segment switch, CH8 jog button signal;
- > Independent setting of servo direction and travel for all channels;
- > Receiver integrated gyroscope (optional), ensure that the model goes straight, prevents drifting, and overturning. Gyro sensitivity is adjustable;
- > The unique throttle speed limit adjustment function allows beginners to practice quickly at a safe speed;
- > Debugging channels 3 and 4 can observe the servo changes, and you can set the channel you need when entering the setting mode, and the others remain unchanged;
- > After accidentally entering the settings mode, it will automatically exit in 5 seconds, and the memory will not lost, and the subsequent control can still be normal;
- > Transmitter voltage range: 4.8-12V, with automatic voltage identification alarm in 3 segments, low voltage alarm 4.4V/7.4V/10.8V;
- > Receiver voltage range: 4.8-10V, operating current 30mA, support work with high voltage servo;
- > Equipped with a voltage return receiver (optional), it supports return the vehicle's battery voltage;
- > Cost-effective, with brakes and fail-safe protection function, suitable for cars, boats, and tanks;
- > There will be flashing music when switching on and off, automatic power off and alarm after 12 minutes, switching off after 15 minutes with no current;

Channel Functions:



1) Steering wheel (CH1)	2) Throttle/brake (CH2)	3) CH3	4) CH4
5) CH5	6) CH6	7) CH7	8) CH8
9) CH9	10) CH10	11) Logo	12) Battery compartment
13) Lanyard hole	14) Reverse for CH4	15) Reverse for CH3	
16) Reverse for CH2	17) Reverse for CH1	18) Power Switch	
19) Reverse for CH10	20) Reverse for CH9	21) Reverse for CH8	
22) Reverse for CH7	23) EPA for CH1	24) Sub-trim for CH1	
25) Sub-trim for CH2	26) EPA for CH2	27) Dust cover	

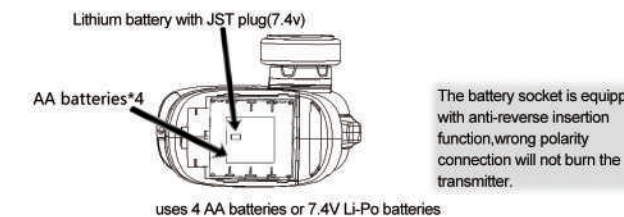
Receiver function



Basic operation

>Battery Installation

1. Open the battery compartment cover;
2. Install four fully charged AA batteries or 2S lithium battery into the battery compartment, ensuring that the metal terminals on the batteries are connected to the metal terminals in the battery compartment;
3. Close the battery compartment cover;
4. Or insert the lithium battery of the JST head into the external battery connector of the battery compartment.



uses 4 AA batteries or 7.4V Li-Po batteries

The battery socket is equipped with anti-reverse insertion function, wrong polarity connection will not burn the transmitter.

>Binding process:

The transmitter should be turned on first, press and hold the code key of the receiver for 3 seconds, the indicator light will flash to indicate that it enters the code matching mode, and the receiver will automatically look for the nearest remote-control signal, the indicator light will be on after the code matching is successful.

>LED Lights

Status lights: green light is always on for general mode, red light is always on for mixed mode, light is alternately on and off for low voltage alarm, and the light flashes when entering the menu setting mode.

>Receiver

Receiver with gyroscope, fast press the binding button 3 times to switch between gyro mode and normal mode (the green indicator is always on in normal mode, the yellow indicator is always on in gyro mode); fast press 2 times to adjust the gyro direction, adjust the gyroscope sensitivity by channel 8 (if the transmitter has more than 8 channels, it is channel 8; otherwise, it is channel 5).

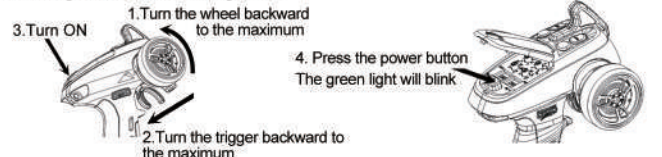
Channel 5 or channel 8 knob can be used as a separate channel control when the gyroscope function is not used.



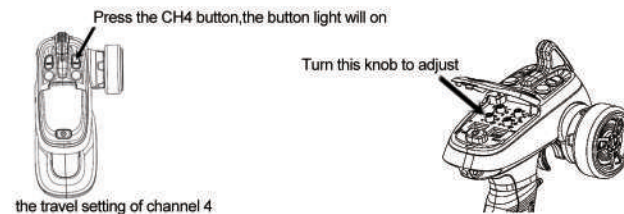
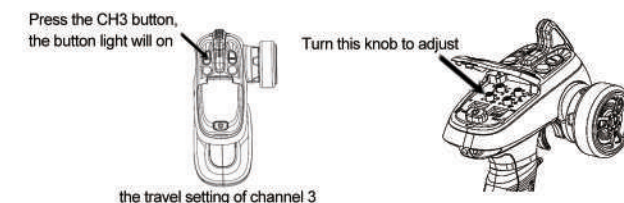
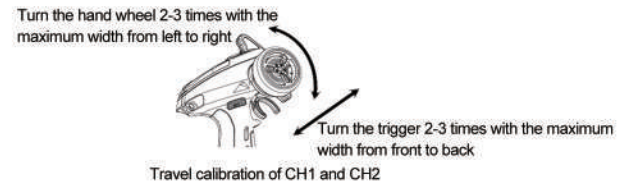
Menu Settings

>Enter Settings

Turn wheel and trigger backward to the maximum at the same time, long press the power button to turn on the machine with a sound prompt, then release the hand wheel and trigger, and press the power button again within 5 seconds. When the green status light flashes indicating that it enters the setting mode.



Please screw the directional wheel of CH1 to the left and right 2-3 times with the maximum width, and pull the throttle trigger of CH2 to the front and back 2-3 times with the maximum width, then the calibration of CH1 and 2 is completed. By pressing the button of CH3 with a light on, setting the travel target by screwing the travel knob of CH1, then pressing the button of CH4 with a light on, screwing the travel knob of CH1 again to set the travel target, then the calibration of CH3 and 4 will be completed.

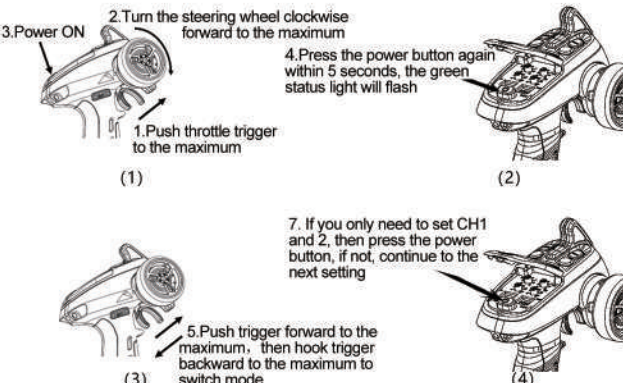


CH5&6 are knob signals, the default factory setting is the maximum range, CH7 introduction is as below, CH8-10, follow the above method, in the setting state, press the corresponding channel, the corresponding channel indicator will be on, and then set the desired rang through the CH1.

CH7 is a three-stage switch with 3 status, each state can be set with a separate range. CH7 switch is turned to the middle first, then be back to activate the CH7 range setting. First to the far left, and use the CH1 range knob to set the desired range (any position from 0-100% can be used). Then turn the switch to the middle, set the middle gear range setting, and set the desired range through the CH1 range knob (any position from 0-100% can be used). Then switch to the far right, set the range of the right gear, use the CH1 range knob to set the desired range (any position from 0-100% can be used). Finally, press the power button to save the settings.

Mode Switching

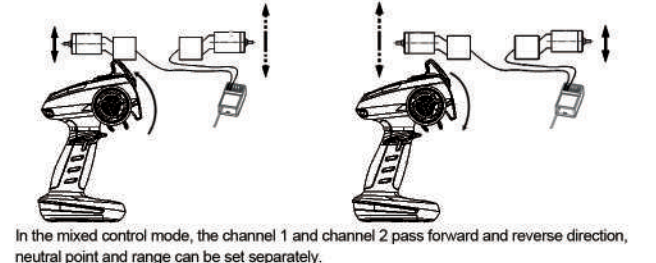
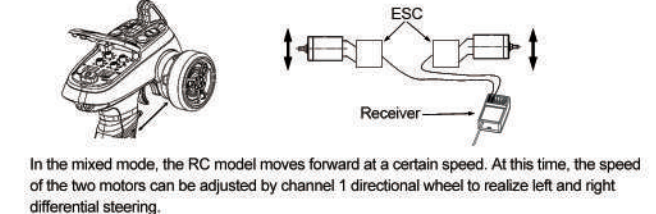
Turn the wheel and trigger forward to the maximum at the same time, long press the power button to turn on the machine with a sound prompt, When the green lights flash, release the steering wheel and trigger, and then continue to press the power button within 5 seconds to enter the mode switching. The trigger is pushed forward to the maximum and then hook the trigger backward to the maximum, switching to the corresponding mode (red mixed control, green normal mode). This completes the mixed control settings for CH1 and CH2. If you only need the mixed control of CH1 and CH2, then press the power button to confirm that the mode switch is complete.



If you want to operate mixed control for channels 3 and 4, do not press the power button. Please screw the hand wheel forward to the maximum and then backward to the maximum to switch while the status light continues to flash. When the indicator lights of channels 3 and 4 are off, they are in normal mode; when the indicator lights of channels 3 and 4 are on, they are in mixed control. After that, then press the power button to confirm that the mode switch is complete, channel 3 and 4 mixed control cannot adjust the positive and negative of the travel.

Mixed Control Mode

Connect the two ESC signal lines to the Channel 1 and Channel 2 of the receiver. Under the mixed mode, the trigger moves backward and forward to control the rotation of the two motors. The positive and negative rotation of the motor can be set through the two positive and negative switches on the control panel.

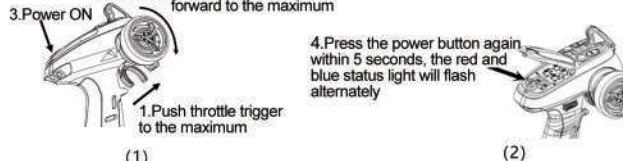
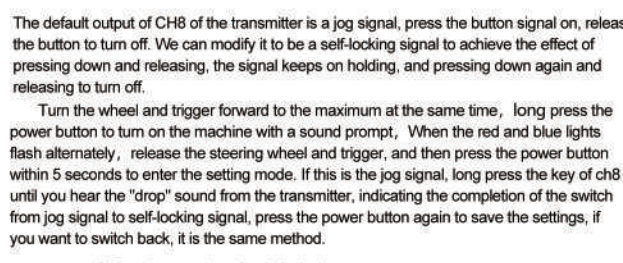
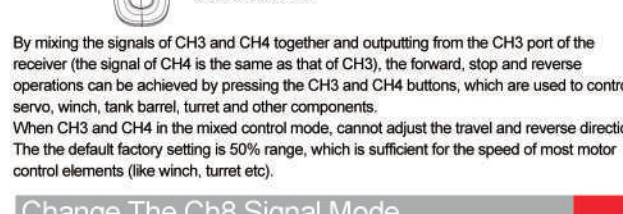


CH3 & CH4 Mixed Control

In the mixed control mode, the CH3 and CH4 are jog signals, press the button, the button status light will be on, the channel has signal output, release the button, the button indicator will be off, and the channel will output a neutral signal

Change The Ch8 Signal Mode

The default output of CH8 of the transmitter is a jog signal, press the button signal on, release the button to turn off. We can modify it to be a self-locking signal to achieve the effect of pressing down and releasing, the signal keeps on holding, and pressing down again and releasing to turn off.



Due to the firmware upgrade of the remote controller and the addition of new functions, the upgrade content of the product will be revised in the new version of the manual without further notice. For more information, please pay attention to the official website of Dumbo, Tiktok enterprise number or QQ group.

FCC Statement

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

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

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



Official Website

Tiktok

QQ Group