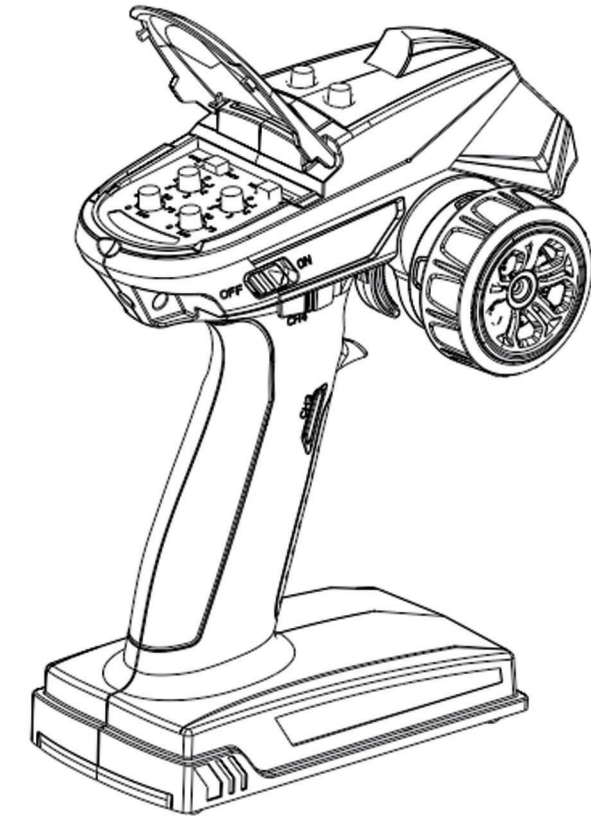


Quick Start Guide

DUMBO-X6



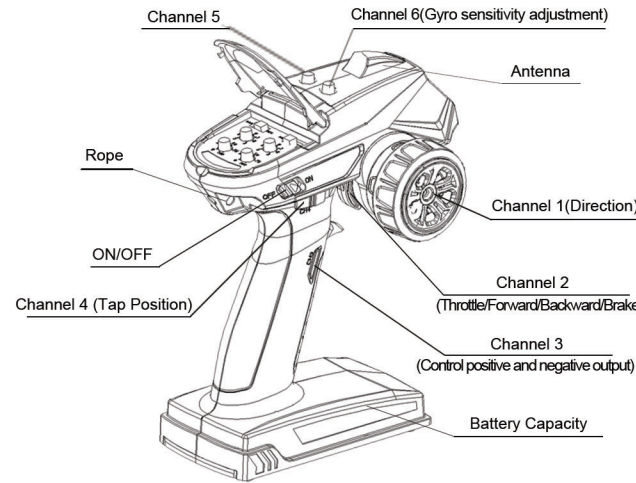
SHENZHEN DUMBO MODEL CO.,LTD



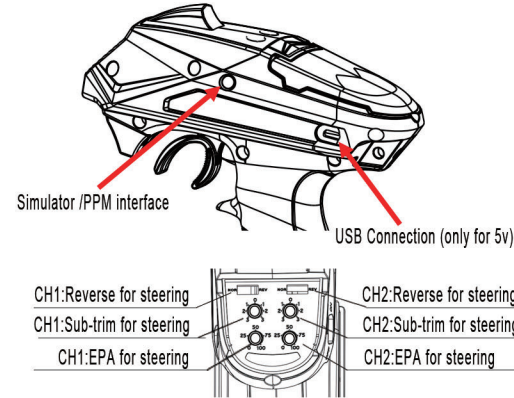
Features:

- 2.4G technology, FHSS 67 channels frequency-hopping spread spectrum, highly resistant to anti-jamming.
- Receiver response time is 3mS, ensuring a fast response and better control.
- Smooth and highly sensitive to control inputs and stable at distances from 400-500m.
- Compatible with a variety of vehicles; suitable for RC cars, RC boats and RC tanks.
- With brake and fail safe, out of control protection function.
- Each of the 3 channels can be set respectively, supporting mixed control of 1 and 2 channels.
- Voltage range of the transmitter: 4.8V-12V(support 1s-3s), automatic identification of voltage, low voltage warning: 7.4V/4.8V
- Voltage range of the receiver: 3.3V-10V, working current 30mA, supports high voltage servos.
- The receiver's integrated Gyro(optional), ensures that the RC vehicles stay in course, preventing measure, drifts and turnovers. Supports Gyro sensitivity adjustment.
- The unique throttle speed limit adjustment function, allows beginners to practice at a safe speed.

Channel function



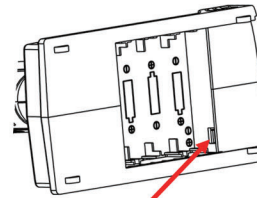
SIZE : 160*100*205MM



Basic operation

> Battery installation:

- Open the battery compartment cover.
- Insert 4 AA fully charged batteries or 2S Li-Po batteries with correct polarity. (No response if battery polarity reversed).
- Replace battery compartment cover.



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

>Binding process:

- Press receiver button, LED indicator fast flashing means entering into binding mode, the receiver will automatically looking for the nearest transmitter signal,
- The indicator will always ON after successful bound.

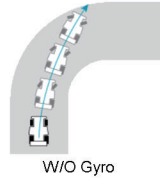
> LED lights:

Direction control mode for servo normal steering: Blue light is always on.
Mixed direction control mode for tank: Red light is always on.
Low voltage warning: Yellow light flashes slowly.
Enter into the second level menu setting mode: Blue/Red light fast flashing.

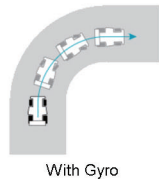
>Receiver with Gyro function:

Press the button in 3 times to entering into Gyro mode and switch into normal mode, press the button in 2 times to adjust the left and right compensation for direction, through the 6-channel knob to adjust the sensitivity of the Gyro (the green indicator light in normal mode is on, and the purple indicator light in gyro mode is on)

The 6th channel knob switch can be used as a separate channel when it does not use the gyroscope function.



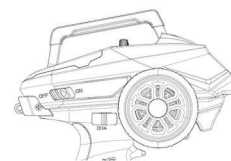
W/O Gyro



With Gyro

> Radio control accessory

Phone bracket and transmitter hand carry set are available

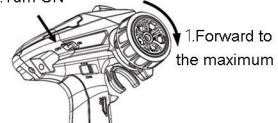


Menu Settings

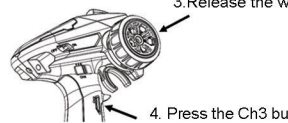
> Enter into program mode

Move the steering wheel to the max forward position, then power the transmitter, release the steering wheel and press the 3rd channel button. The panel LED indicator will flash quickly indicating that you have entered settings mode.

2.Turn ON



1.Forward to the maximum



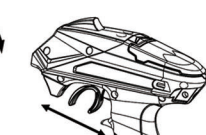
3.Release the wheel

4. Press the Ch3 button

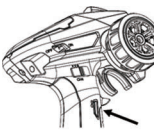
The route of the forward and backward rotation of the direction wheel indicates the setting of the route of the servo. The route of the forward and backward of the throttle trigger indicates the forward and backward route. After the route sets well, the trigger and the steering wheel return to the middle position. If it is not necessary to set the 3rd-channel and 4th-channel route, press the 3rd-channel button to confirm the setting after the steering wheel and trigger are still at the mid-point for 3 seconds. After the setting is successful, the indicator light will stay on and enter the normal mode. (Default factory setting are maximum route for the 1st channel and 2nd channel)



CH1 Route Setting



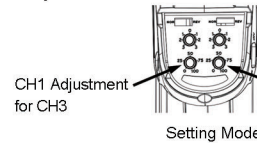
CH2 Route Setting



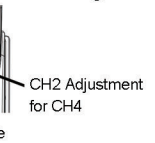
Submit Key

- In the setting mode, 1st and 2nd use the channel adjustment knob on the panel to set the 3rd channel and 4th channel route.
- Namely after entering the secondary menu: the item will be the default 1st and 2nd channel route of the adjust rotational position confirmed 3rd and 4th Channel route; It can be manually adjusted with the size of the knob numerical;
- Change 3rd and 4th channel route, press the three channels to confirm the Settings. (the Factory default maximum route: the 1 Channel knob to adjust the 3 Channel route, the 2 Channel knob to adjust the 4-channel route).

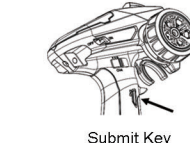
Caution:1. After entering the Secondary menu, the system will automatically remove Channel 1 and Channel 2, the previous value of unilateral route memory, and must reset a unilateral route volume, otherwise the system defaults to 0. 2.After entering normal usage mode, the location of the Channel 1 and Channel 2 route represent the new Channel 1 and Channel 2; it can readjust the channel 1 and channel 2 route in usage mode.



CH1 Adjustment for CH3



CH2 Adjustment for CH4

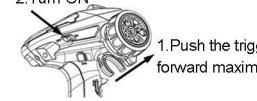


Submit Key

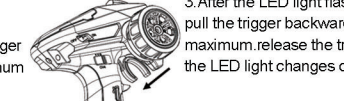
Mode switch:

Press throttle trigger to the max, then power on the transmitter. After the LED indicator flashes quickly, pull the trigger backward maximum. The indicator LED will change colors, release the trigger. The indicator light is stay solid, indicating that the mode is successfully switched. (Normal mode blue light is always on, mixing mode red light is always on)

2.Turn ON



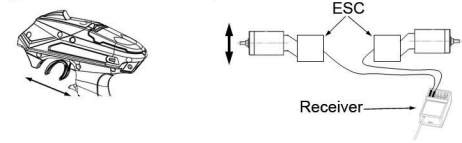
1.Push the trigger forward maximum



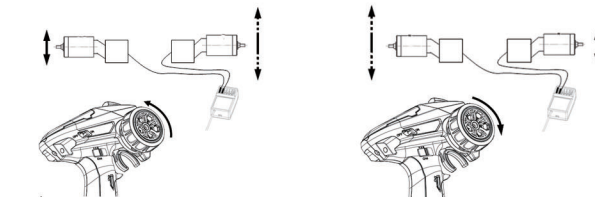
3. After the LED light flashes, pull the trigger backward maximum.release the trigger after the LED light changes color.

Mixed 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.



In the mixed mode, the RC model moves forward at a certain speed. At this time, the speed of the two motors can be adjusted by channel 1 directional wheel to realize differential steering.



In the mixed control mode, the channel 1 and channel 2 pass forward and reverse direction, neutral point and motor route can be set separately.

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.

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.

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



Digital Proportional Radio Control System

<http://www.dumborc.com>
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