

INJORA T6 6CH  
2.4GHz RC Digital  
Transmitter with  
Receiver



# INJORA T6 6CH 2.4GHz RC Digital Transmitter with Receiver User Guide

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# INJORA

INJORA T6 6CH 2.4GHz RC Digital Transmitter with Receiver

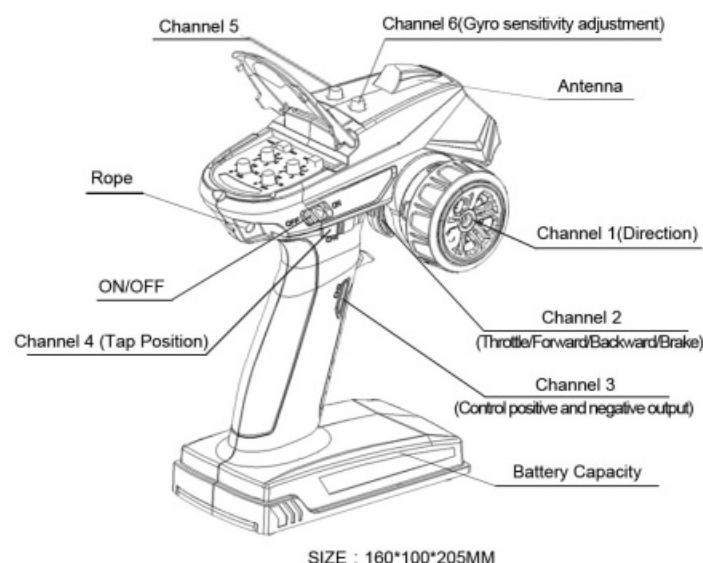


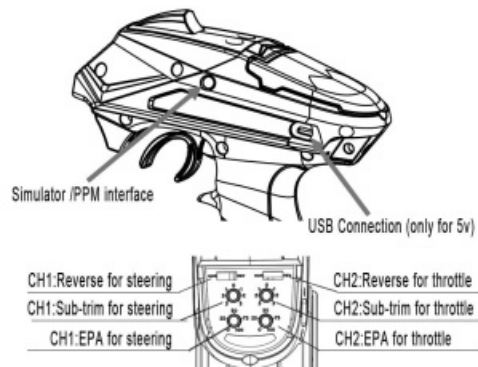
## Quick Start Guide INJORA-T6

### Features

1. 2.4G technology, FHSS 67 channels frequency-hopping spread spectrum, highly resistant to anti-jamming.
2. Receiver response time is 3ms, ensuring a fast response and better control.
3. Smooth and highly sensitive to control inputs and stable at distances from 400-500m.
4. Compatible with a variety of vehicles; suitable for RC cars, RC boats and RC tanks.
5. With brake and fail safe, out of control protection function.
6. Each of the 3 channels can be set respectively, supporting mixed control of 1 and 2 channels.
7. Voltage range of the transmitter: 4.8V-12V(support 1 s-3s), automatic identification of voltage, low voltage warning: 7.4V/4.8V
8. Voltage range of the receiver: 3.3V-1 0V, working current 30mA, supports high voltage servos.
9. The receiver's integrated gyro(optional), ensures that the RC vehicles stay in course, preventing measure, drifts and turnovers. Supports gyro sensitivity adjustment.
10. The unique throttle speed limit adjustment function, allowvs beginners to practice at a safe speed.

### Channel function

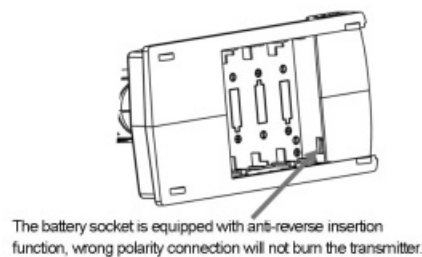




## Basic operation

### Battery installation

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



### Binding process

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



### LED lights

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



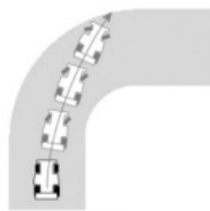
### Receiver with Gyro function:

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.

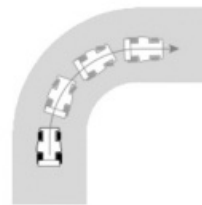


### Radio control accessory

Phone bracket and transmitter hand carry set are available



W/O Gyro



With Gyro

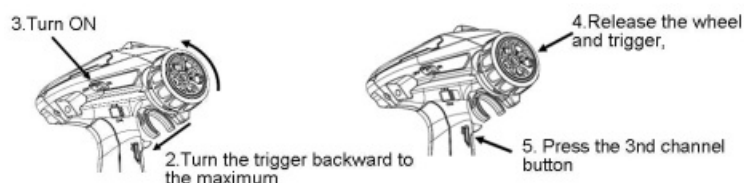
### Radio control accessory

Phone bracket and transmitter hand carry set are available



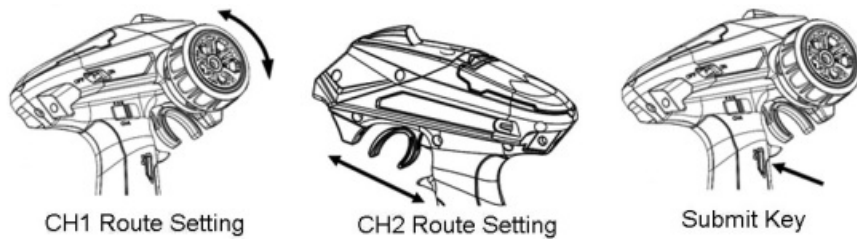
### Menu Settings

Enter into program mode Turn the wheel backward to the maximum, and at the same time turn the trigger backward to the maximum. Power on the transmitter, release the wheel and trigger, press the 3rd channel button, and the panel indicator light will flash, indicating entering the setting mode.



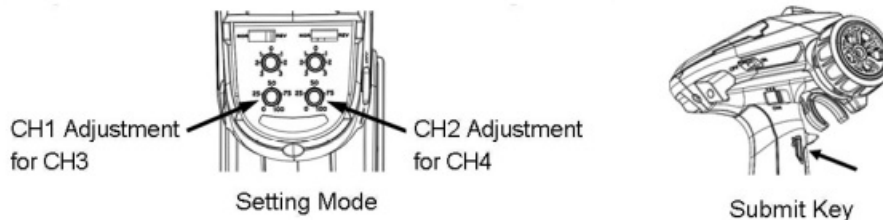
The route of the forward and backward rotation of the direction wheel indicates the setting of the route of the

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)



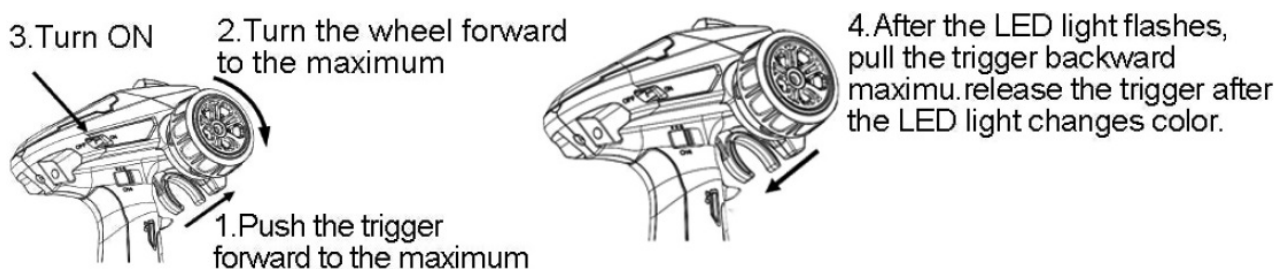
1. In the setting mode, 1st and 2nd use the channel adjustment knob on the panel to set the 3rd channel and 4th channel route.
2. Namely after entering the secondary menu:  
the item will be the default 1st and 2nd channel route of the adjust rotational position confirmed 3rd and 4th Channel route; It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



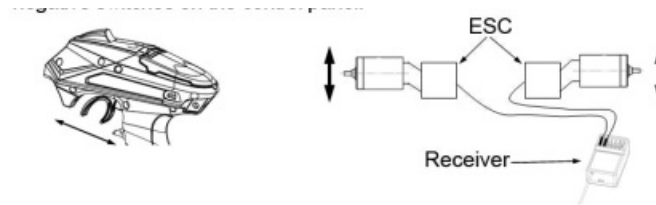
## Mode switch

Push the trigger forward to the maximum, at the same time, turn the wheel forward to the maximum, power on the transmitter, after the indicator light flashes, hook the trigger backward to the last, after the indicator light color changes, the trigger should return to the middle position, and the indicator light is always on to indicate that the mode switch is successful (the blue light in general mode is always on, and the red light in mixed mode is always on).

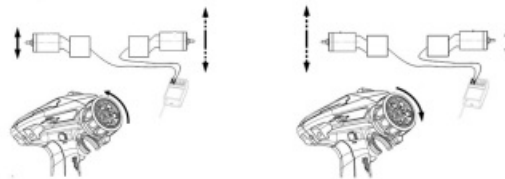


## Mixed model

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.

### Digital Proportional Radio Control System

Thanks for choosing INJORA lighting sets integrated receiver, this receiver abandons the traditional wiring method which wires get signals of CH1 and CH2, make the wiring more clear. this new receiver can simulate the real car's steering, headlights, brakes, reverse, emergency lights linkage, enhance the pleasure of playing with the RC car and make the model more realistic.

### Main Features!

Receiver with gyro integrated (optional) to keep the uni-direction and anti-slip. Support gyro sensitivity adjustment. Can achieve steering, headlight, brake, reverse, atmosphere, emergency light linkage simulation vehicle control light. Compatible with all remote controllers in the market ( surface and air remote controllers), just the receiver's CH1 to CH4 were plugged into the corresponding lighting sets receiver' CH1 to CH4 with the connecting wire, the same control function can be achieved. The blue indicator light will flash slowly when the receiver does not receive the signal, and the blue indicator light will be always on in the normal working mode of receiving the signal. LED connector and Channel connector with anti-polarity connect protection function. Receiver won't be damaged even connect anti-polarity. Voltage range; 4.2v-12.4v

### Method OF Connectina Wirel



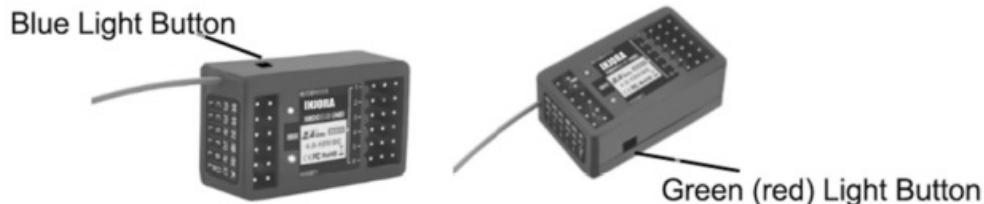
- CL : Cornering Lamp
- SL: Stop Lamp
- FL : Flash Light
- BL : Back-up Lamp

- DRL : Daytime Running Light

Led wiring mode: The default DuPont plug, it can plug in the light on the receiver alone, or plug together with 2-pin and 6-row plug, which is convenient to use. At the same time, it can be purchased and used together with the pluggable extension cord, which can be customized according to the size of the model.

Definition of the left double row LED light connectors : the signal line is on the left outer row, and the inner row is the ground wire. From the top to the bottom, 1 and 2 connectors is turning light, 3 connector is brake light, 4 connectors is atmosphere light, 5 connector is reversing light, 6 connector is headlamp. Definition of the right 3 rows connectors: keep the normal use of the six channels of the normal receiver from the top to the bottom.

## Setting



Definition of blue light button: Short press to switch the linkage control of brake light and reversing light; Short press twice to switch the emergency light; the headlight is controlled by turning wheel or by the CH3 and CH4 button (the factory default is CH3 to control the emergency light and CH4 to control the headlight} Long press until the blue light is flashing(about 3 seconds}, then release for the first time to switch the simulation linkage mode and the sport mode; again long press until the blue light is flashing(about 6 seconds}, then release for the second time to switch the mixed control mode, matching the DUMBORC remote controller to use the mixed control mode Definition of green (red} button : long press to start flashing and bind with remote control, it's meaning binding is successful when the light stop flashing. Fast press 3 times to set gyro mode and normal mode, fast press 2 times to set gyro compensation. The green light means normal mode and red light means gyro mode. (factory default: green light is always on) CH1 controls steering light, CH2 controls brake and reversing light, CH3 controls emergency light, CH4 controls headlight,switches,strobe, CH1 turning wheel turns forward 4 times to control ambient light. When CH3 and CH4 need to be used for other purposes and do not want to be controlled by linkage, it can be short press the blue button twice switched to the turning wheel to turn forward 2 times to control headlights, 3 times to control emergency lights and 4 times to control atmosphere lights.

## Usage method

CH1 controls steering light, CH2 controls brake and reversing light, CH3 controls emergency light, CH4 controls headlight,switches,strobe, CH1 turning wheel turns forward 4 times to control ambient light.

When CH3 and CH4 need to be used for other purposes and do not want to be controlled by linkage, it can be short press the blue button twice switched to the turning wheel to turn forward 2 times to control headlights, 3 times to control emergency lights and 4 times to control atmosphere lights.

Press and hold the blue button for 3 seconds, flash once and release, enter the sport mode, and can control the reverse, brake and headlight linkage control at the same time by toggling CH2 throttle button. Different effects can be changed according to different positions of the throttle. When you need to use the mix control mode by CH1 and CH2, switch the lighting sets to the mixed control mode, and also realize the above functions. (Press and hold the blue button to flash 2 times to release, the DC receiver can be switched to the mixed control mode)


## Note

1. The left and right adjustment of CH1 Sub-trim shall not exceed the position of panel indication 1. If exceed, it will not convenient to control the opening of atmosphere light by turning wheel.
2. While the reverse switches of CH1 are on the left, the turning wheel is turned forward to realize the function of atmosphere light switch, and while the reverse switches are on the right, the turning wheel is turned backward

to realize the function of atmosphere light switch.

3. When rotate the turning wheel to turn on the ambient light, do not turn it too fast or too slow. Normally, turn it forward to the middle, and then turn it back to the middle. Do it for 4 times in this way, you can turn on the ambient light, and turn off the ambient light in the same way.
4. The mix control mode can be used normally only when reverse switches of CH1 and CH2 are all turned to the left.
5. In the gyroscope , it is normal when the car flash and show a light .
6. When the four-channel is a 3-stage switch: the switch is turned to the left.to turn off the headlight, the middle flashes, and the right is always on.When the four channels are 2-stage switches: turn the switch to the left to turn off the headlights, and the right side is always on.
7. The 3-channel and 4-channel travel settings can be used normally up to 25%,the smaller the 3-way and 4-way travel settings, the less the delay, and the larger the travel setting, the greater the delay.Turn on and turn off the light for 4 seconds after the full stroke is set, the reaction speed of the steering gear is not affected.
8. It will blink twice when the headlight is turned on, and twice when it is turned off.
9. You will get the better using experience when the default neutral trim stay on O position and CH1 and CH2 end point stay Maximum position

## Documents / Resources

	<p><b><a href="#">INJORA T6 6CH 2.4GHz RC Digital Transmitter with Receiver</a></b> [pdf] User Guide</p> <p>T6, T6 6CH 2.4GHz RC Digital Transmitter with Receiver, 6CH 2.4GHz RC Digital Transmitter with Receiver, RC Digital Transmitter with Receiver, Digital Transmitter with Receiver, Transmitter with Receiver, Receiver</p>
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## References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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