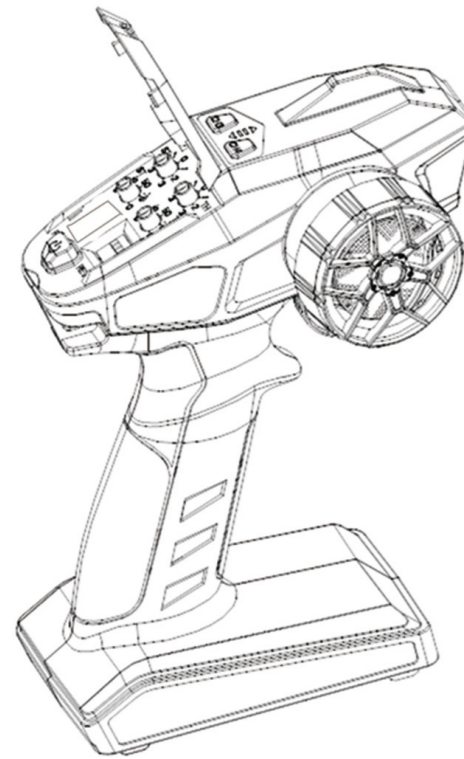




## Instruction Manual

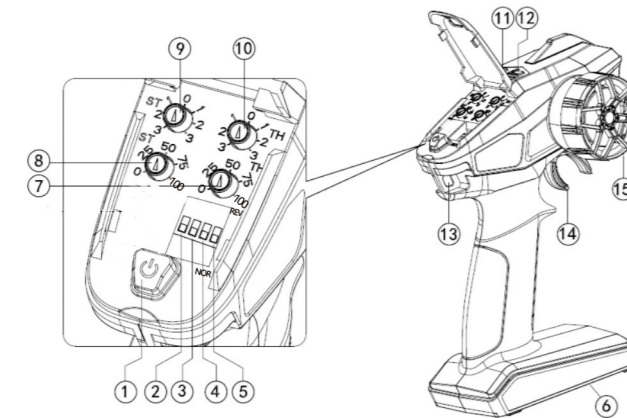
# Transmitter X4P-350



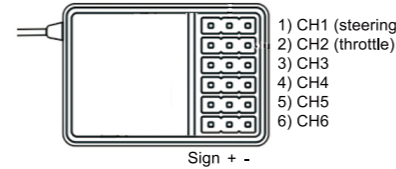
### FEATURES

- > 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 channels 1 and 2, channels 3 and 4, with easier mixed control settings, less prone to accidental touch;
- > Independent setting of servo direction and travel for channels 1 to 4;
- > Receiver integrated gyroscope (optional), ensure that the model goes straight, prevent 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 11.0.8V;
- > 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, 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;
- > Ergonomically design with 30-degree beveled steering wheel and optional installation of one-handed accessories;

### Channel Functions:



- |                    |                        |                          |
|--------------------|------------------------|--------------------------|
| 1) Power Switch    | 6) Battery compartment | 11) CH3                  |
| 2) Reverse for CH1 | 7) EPA for CH2         | 12) CH4                  |
| 3) Reverse for CH2 | 8) EPA for CH1         | 13) Lanyard hole         |
| 4) Reverse for CH3 | 9) Sub-trim for CH1    | 14) Throttle/brake (CH2) |
| 5) Reverse for CH4 | 10) Sub-trim for CH2   | 15) Steering wheel (CH1) |



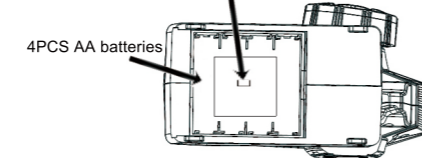
- |                   |
|-------------------|
| 1) CH1 (steering) |
| 2) CH2 (throttle) |
| 3) CH3            |
| 4) CH4            |
| 5) CH5            |
| 6) CH6            |

### Basic Operations:

#### >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.

External JST male lithium battery (7.4v) connector



The battery socket is equipped with an anti-reverse plug function, a positive and negative connection reverse will not burn the device.

Please use 4 AA batteries or an external JST connector lithium battery for the remote control.

#### >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

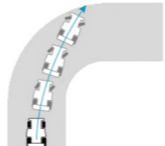
Status lights: blue light is always on for general mode, red light is always on for mixed mode, light is alternately on and off for low voltage alarm, and the light flashes when entering the menu setting mode.

Voltage return lights: 3 green lights and 1 red light, indicating 100%, 75%, 50%, and 25% power respectively, only available on receivers support voltage return.

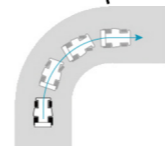
#### >Receiver

Receiver with gyroscope, fast press the binding button 3 times to switch between gyro mode and normal mode; fast press 2 times to adjust the gyro direction, adjust the gyroscope sensitivity by channel 5 (the green indicator is always on in normal mode, the purple indicator is always on in gyro mode).

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



Without gyroscope



Without gyroscope

### Menu Settings:

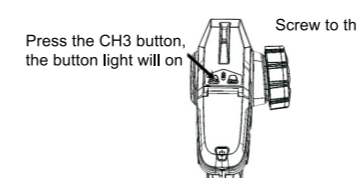
#### >Enter Settings

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 blue status light flashes indicating that it enters the setting mode.

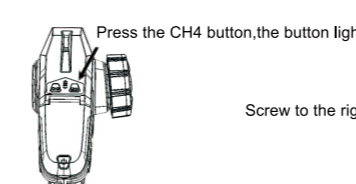
1. The hand wheel backward to the maximum
2. The trigger backward to the maximum
3. Power on
4. Press the power button again within 5 seconds, and the blue status light will flash.

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. After finishing the setting, press the power button again, and please confirm that there is a sound prompt so that the travel calibration of CH1-4 is completed.

Turn the hand wheel 2-3 times with the maximum width from left to right



the travel setting of channel 3

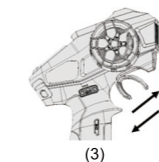


the travel setting of channel 4

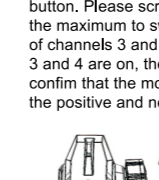
### Mode Switching:

Turn the wheel and trigger forward to the maximum at the same time, press the power button to turn on the machine with a sound prompt. When the red and blue lights flash alternately, 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, blue 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.

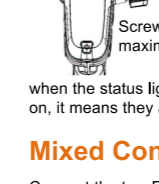
1. Push throttle trigger to the maximum
2. Turn the steering wheel clockwise forward to the maximum
3. Power on
4. Press the power button again within 5 seconds, the red and blue status light will flash alternately



Travel calibration of CH1 and CH2

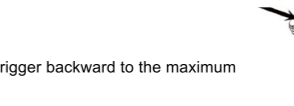


the travel setting of channel 3

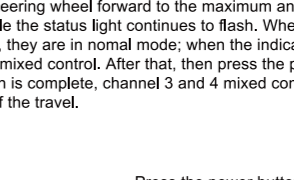


the travel setting of channel 4

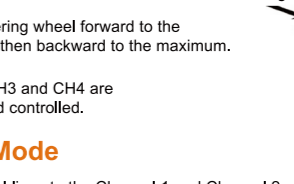
7. If you only need to set CH1 and CH2, then press the power button, if not, continue to the next setting



6. Hook trigger backward to the maximum



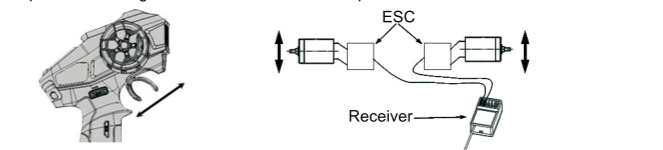
the travel setting of channel 3



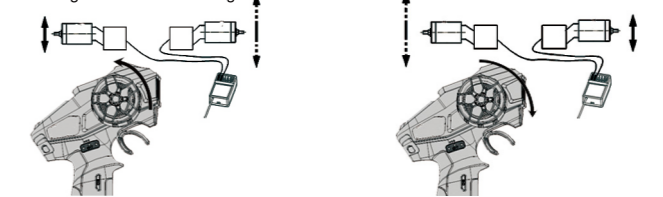
the travel setting of channel 4

### 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.



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 left and right differential steering.

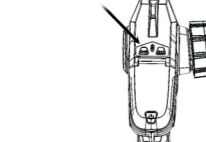


In the mixed control mode, the channel 1 and channel 2 pass forward and reverse direction, neutral point and motor range can be set separately.

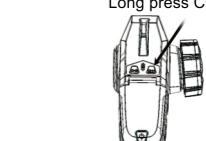
### CH3 & CH4 Mixed Control

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.

Long press CH3 button



The servo to the left, release the CH3 button, and the servo back to the center.



The servo to the right, release the CH4 button, and the servo back to the center.

By mixing the signals of CH3 and CH4 together and outputting from the CH3 port of the receiver (the signal of CH4 is the same as that of CH3), the forward, stop and reverse operations can be achieved by pressing the CH3 and CH4 buttons, which are used to control servo, winch, tank barrel, turret and other components. When CH3 and CH4 in the mixed control mode, cannot adjust the travel and reverse direction. The default factory setting is 50% range, which is sufficient for the speed of most motor control elements (like winch, turret etc).