

EPA Edition

2.4G FHSS Technology

CY300/8186

3-Channel 2.4G Radio Control System

## INSTRUCTION MANUAL

- Thank you for purchasing our R/C system.
- Before using, read this manual carefully.



### CAUTION

To work your R/C with your models correctly and safely, read this manual carefully and keep it in a safe way as a reference introduction in the future.

Warning:

1. This product is only equipped for radio controlled models;
  2. The usage of this product should be approved by local relevant law or regulations;
  3. We will not be responsible for the damages caused by unauthorized modification, adjustment or replacement of parts of this product;
  4. The manual may be altered without prior notice. Please contact us if you have any corrections or clarifications that should be made in the manual.
- Before starting the transmitter, make sure the transmitter batteries are well loaded. The voltage of transmitter batteries is never lower than 8.6V. And please check and confirm that the servos are all well and properly connected.
- Keep the radio system away from moist, high temperature and strong shake. Do not clean the product with solvent.
  - The antenna does not touch anything else when power switch is turned on. Do not leave this product and its accessories within the reach of small children.
  - Please use this product according to your local relevant law or regulation, we are not responsible for any incidents or damages.

### 2.4G Binding And Reducing Power

1 Power sw(turn on)



#### 1. Reducing output power setting

1). Keeping RF-TEST button till the "ST.DT" light turn on RED, meanwhile the output power of transmitter reduce to lower mode 18dbm, which done can save the power consumption.

2). When press the RF-TEST button again, the "ST.DT" light turn off, and output power becomes normal 20dBm which can control more range.

#### 2. The Binding processing

Turn on the transmitter, then connect the power of receiver keeping the receiver "BIND" button till the light turn on GREEN which means the binding is successful. After that, it's unnecessary to bind again.

Caution: making sure that the RX and TX is one meter away, and around 10 meters no similar device.

If the light flashing, showing the binding failure, please do again as above indication.

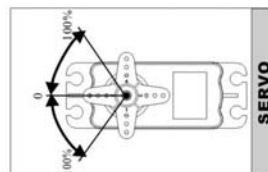
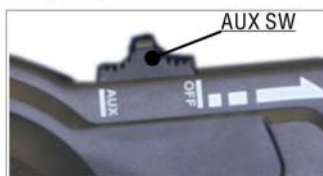
BIND



XY3000/XY3100/8183

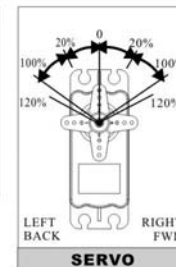
### AUX Channel Function(CH3)

Xy300



Aux SW in "AUX", servo moving clockwise. In "OFF", anticlockwise.

### Steering Dual Rates Setup



#### Function

Using this function to adjust servo travel.

the default is 100%, adjusting value range:20%-120%.

#### Setting

1, Press INC button, the "ST.DR" LED flash in green, shown the steering servo of value respond increased.

when LED appears all along RED, shown reach max value

2, Press DEC button, the "ST.DR" LED flash in green, shown the steering servo of value respond decreased. when LED appears all along RED, shown reach min value.

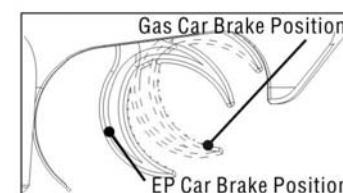
3, when setting D/R value, shown 20%, 100%, 120%. the LED appear RED, normally the LED turn off.

#### Caution:

Keeping INC and DEC at the same time, reset the transmitter.

To the F/S function, need to be reset again.

### Fail Safe Setup



#### Function

This F/S Function is protect your car or boat, when the signal become weak or lost.

#### How to Set

- 1 Make sure the RX power is enough.
- 2 Put trigger in brake position (above show), keep the F/S button till "ST. DR" led flash
- 3 Then release F/S button, the function finished.

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

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.

#### FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.