

**Quick Start Guide**  
快速操作指南

**A300**

## REMOTE CONTROL SET STATUS

- √ Mixed control mode
- √ Fine adjustment locking



## Code matching steps

- A. First, power on the receiver;
- B. Press the receiver 【 BING 】 button again;
- C. Finally, turn on the transmitter power.

※ Receiver light status:

- 【Receiver light flashing slowly without signal】
- 【Receiver light flashing and frequency matching】
- 【Receiver light remains on and connected】

## Loss of control protection

### 1. Function Description

Loss of control protection is a function that protects the throttle channel when the receiver cannot receive a signal; When the receiver receives a signal from the transmitter, the throttle channel will run to the default or set value.

### 2. Setting method

- A. Before setting up, successfully code the transmitter and receiver;
- B. Turn off the remote control first;
- C. Press and hold the 【OK】 button first, then turn on the powerswitch of the remote control; The remote control screen will flash and be accompanied by a sound prompt, indicating entering the setting state;
- D. At this point, the throttle channel can be set for runaway protection;
- E. After setting, press the 【OK】 button again to exit.

## Constant speed

### Setting method

- A. Press the 【OK】 button remotely to adjust the throttle speed;
- B. Increase the throttle lever forward by a constant speed of 10 each time, and there is a 'drip' sound prompt for each increase;  
The throttle lever is reduced by a constant speed of 10 each time, and there is a 'drip' sound prompt for each reduction.

## Hybrid control

### 1. Function Description

The remote control has two hybrid control modes: 1/2 channel hybrid control and 3/4 channel hybrid control; The opening and closing of the hybrid control is achieved by combining keys, and there will be corresponding icon prompts on the screen.

### 2. Setting method

A. Remote control off state;

B. Press and hold the channel button of the remote control **【 3 】** first, and then turn on the power switch of the remote control;

【Display icon ① represents: 1/2 channel hybrid control mode】

【Display icon ② represents: 3/4 channel hybrid control mode】

**【Note: The switching of mixed control mode is carried out through this step of cyclic switching】**

## Channel Reverse

### 1. Function Description

This remote control can set the direction of 1 channel/2 channels in both directions.

### 2. Setting method

A. Remote control off state;

B. Press and hold the channel button of the remote control **【 4 】** first, and then turn on the power switch of the remote control;

C. Flip the joystick of channel 1 or channel 2 (in any direction) to switch between the positive and negative positions of the corresponding channel, and the screen will flash during the channel switching process.

**【Note: Only one channel can be set in both positive and negative directions at a time】**

## Rudder setting

### 1. Function Description

The stroke of each channel of the remote control can be adjusted.

### 2. Setting method

- A. Remote control shutdown status;
- B. Press and hold the channel key 【 5 】 of the remote control first, and then turn on the power switch of the remote control;
- C. By pressing the corresponding channel button to adjust the stroke amount of the corresponding channel, the adjustment process can observe the stroke amount of the rudder in real-time.
- D. Long press the channel key 【 5 】 to exit the setup.

【Note: The default stroke amount is the maximum, and there are 10 segments from the maximum stroke amount to the minimum stroke amount, which can be adjusted in cycles.】

## Locking function

### 1. Function Description

To prevent misoperation, the remote control can lock the 1-channel and 2-channel fine-tuning keys.

### 2. Setting method

- A. Remote control off state;
- B. Press and hold the channel button of the remote control 【 6 】 first, and then turn on the power switch of the remote control;
- C. The opening and closing directions of the lock are the same, and there will be icon prompts on the display screen.

## Automatic shutdown

### 1. Function Description

To prevent forgetting to shut down, the remote control will enter the shutdown state after 15 minutes without any operation, and there will be an audio prompt 1 minute before the shutdown.

## Battery Description

### 1. Instructions for use

A. Remote control built-in: 1200mAh lithium battery with charging function, please choose a 5V mobile phone charger for charger; Please turn off the power during the charging process. The charging port has an indicator light indicating that the red light is charging and the green light is fully charged.

## Parameter

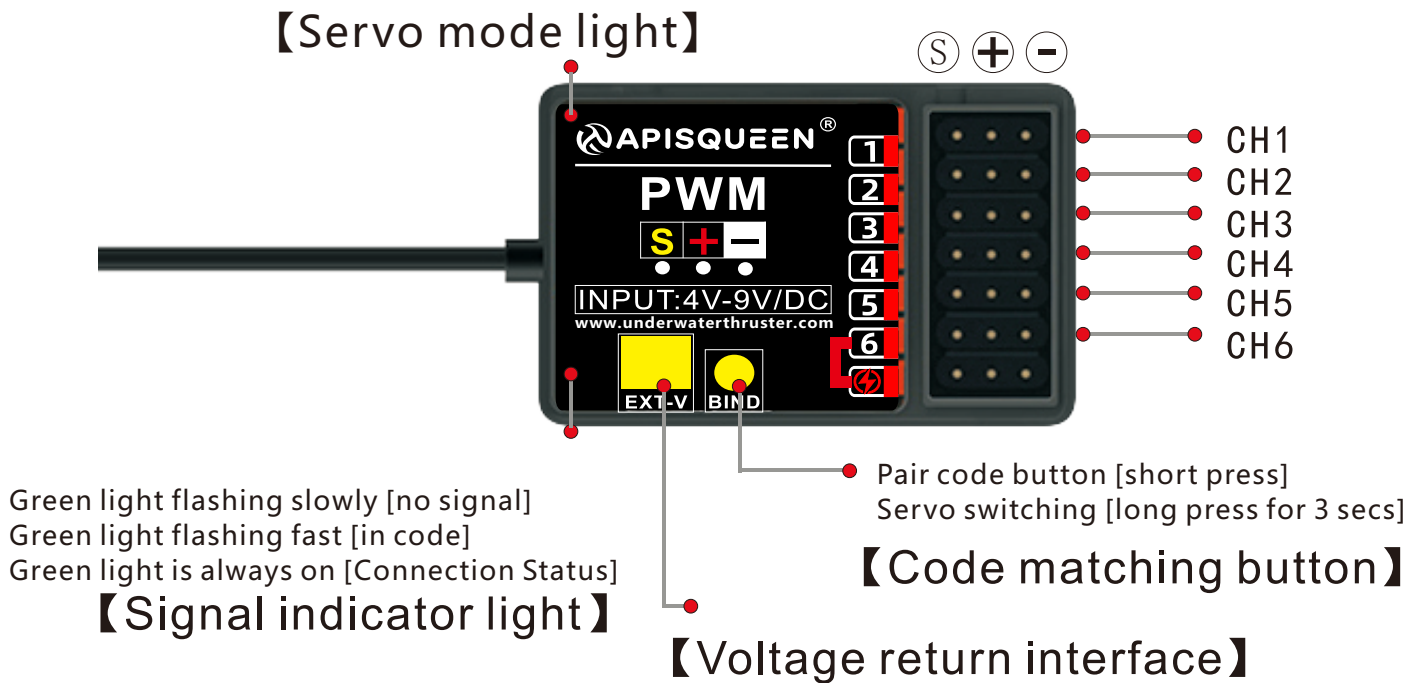
Model	DS 600
Model type	Car/Ferry/Tank
Channels	6
RF range	2.4GHZ ISM
RF power	≈90MA
Modulation	GFSK
Spread spectrum	FHSS
Reaction speed	PWM≤20MS
RF distance	Ground≈: 300m
Receive sensitivity	-96dbm
Channel resolution	4096
Transmitter voltage	DC 4V-9V
Receiver voltage	DC 4V-9V
Gross weight	80g

Remote control distance is for reference only

# Receiver

Analogue servo mode [blue light off]

Digital servo mode [blue light on]



# Servo Mode

1: Press and hold the [BIND] button for 3 seconds, the blue light of the receiver will turn on.

Blue light on: digital servo mode, PWM output frequency: 333HZ].

Blue light off: analogue servo mode, PWM output frequency: 50HZ]

Pulse width of digital servo: 500 $\mu$ s-2500 $\mu$ s.

Analogue Servo Pulse Width: 1000 $\mu$ s-2500 $\mu$ s]

# Note

1: The antenna of the receiver needs special protection to prevent breakage, and the installation position needs to pay attention to magnetic field interference!

2: The receiver has not undergone waterproof treatment before leaving the factory. Please pay attention to waterproofing during use!

3: The input voltage of the receiver should not exceed 12V. Use a regulated power supply for input!



Company: Shenzhen Underwater Technology Co., LTD  
Address: 2nd Floor, Building 8, Fufengda Industrial Park, Fuyong  
Street, Baoan District, Shenzhen, Guangdong  
Website: [www.underwaterthruster.com](http://www.underwaterthruster.com)  
Email: [Lynn@underwaterthruster.com](mailto:Lynn@underwaterthruster.com)  
Tel: (+86)18664995815 (WhatsApp)