

WFLY

X9 Quick Instruction Manual

WFLY-RC radio manufacturer since 2004

Thank you for purchasing WFLY surface radio X9! WFLY X9 is a great radio set with a lot of exciting functions. We are confident that you will find lots of joy and fun with this radio system. Before you

Shenzhen WFLY Technology Development Co., Ltd
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1. Turn on and off your radio

Power on

Transmitter: Firstly press and hold the power button for 3 seconds to turn on your transmitter.

Receiver: After the transmitter is powered on, then switch on your receiver

Power off

Receiver: Please switch off the receiver

Transmitter: Press and hold the power button for 3 seconds to shut down.

2. Power supply range

Your radio is compatible with 3.5V~6V (exceeding the power supply voltage may cause damage to your radio)

Note: You can charge the radio if it is powered by a single lithium battery. DO NOT charge your radio if 4 AA dry batteries are inside the battery compartment.

3. After-sales policy

Should you have any question or doubt when you are driving this radio, please contact our sales staff. We would be glad to be of any assistance and support.

Email: service@wflysz.com

Wechat: WFLY_RC

Facebook: Wfly RC

Facebook group: WFLY RC Groups

4. Product parameters:

Radio parameters:

Model Name: X9

Channel: 9 channels

Working voltage: 3.5V~6.0V

Working current: 220mA

Application: RC cars, boats, tanks, etc.

Resolution: 4096

Frequency band: 2.4GHz (two-way)

Storage: 40 models memory

Language: Chinese, English

Upgrade: USB online upgrade

Display: 3.5" 480*320 capacitive touch screen

Voice: support voice broadcast

Receiver parameters:

Model name: RG206S

Frequency band: 2.4GHz

Working voltage: 3.5V~9.0V

Working current: 95mA

Application: RC cars, boats, tanks, etc.

Resolution: 4096

PWM: 6 channels

PPM: support

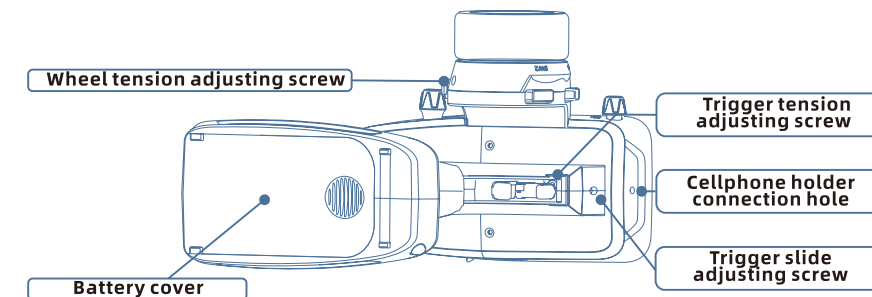
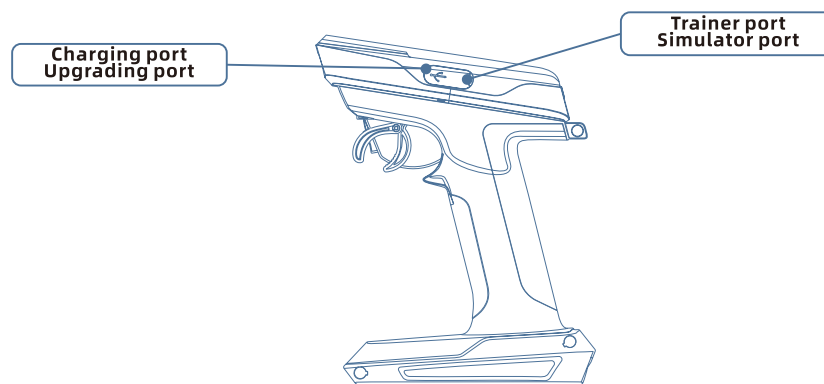
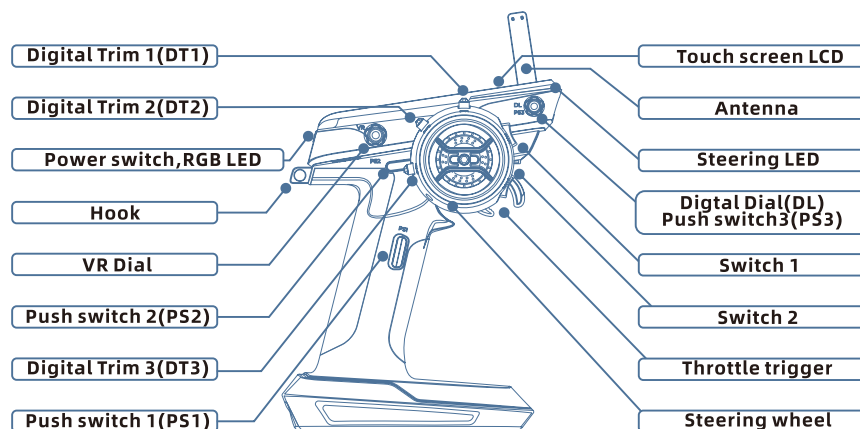
W.BUS: support S.BUS

Two way transmission: Support

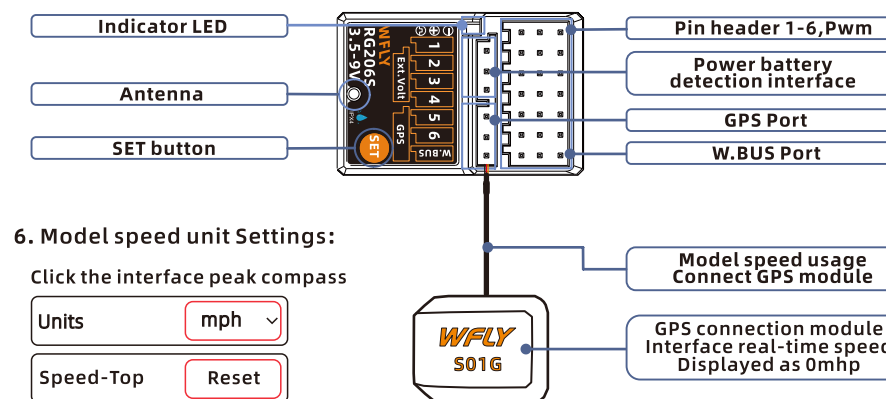
Upgrade: USB online upgrade

Dimension: 33.6*22.3*12.3mm

5. Names of radio parts

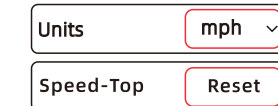


Receiver

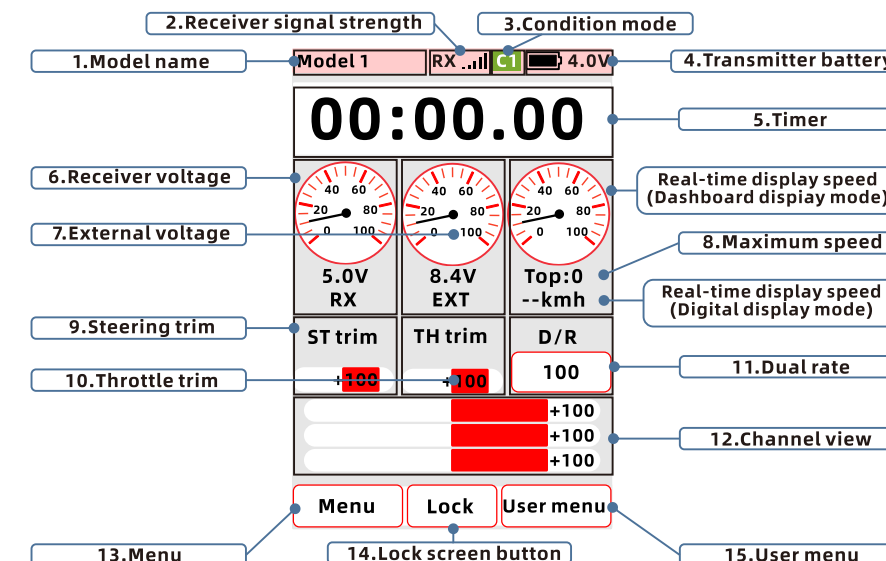


6. Model speed unit Settings:

Click the interface peak compass



7. Description of the home screen:



1. Model name

2. Receiver signal strength

3. Condition mode

4. Transmitter battery

5. Timer(Default:PS1)

6. Telemetry data: Receiver voltage

7. Telemetry data: External voltage

8. Telemetry data: Model speed

9. Steering trim(Default control: DT1)
10. Throttle trim (Default)

11. Dual rate (default control: DL)

12. Channel view

13. Menu

14.Lock screen button: long press for 2 seconds to lock/unlock the screen

15. User menu (default control: Ps2)

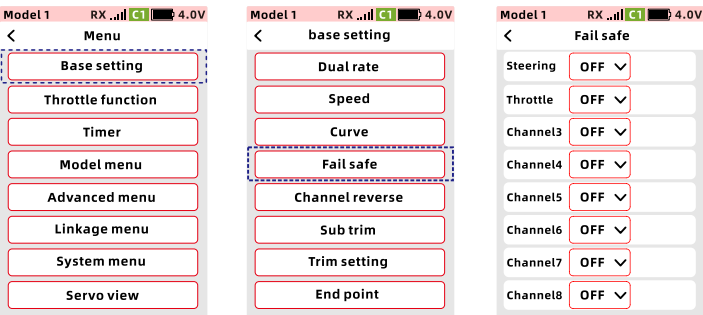
Receiver RGB LED status:

Color	Status	Function
Green	ON	Link successfully
Blue	Flash	Wireless upgrading mode
Red	ON	No signal
	Flash quicky	Voltage < 3.7V
Orange	Flash slowly	Link

8.Failsafe

Importance of F/S protection setting:
If you do not set the F/S protection data, when the model loses control due to some reason, unexpected and uncontrollable actions may occur, causing the boat/car/tank to collide/fall, or even hurt humans. If you set the protection according to the parameters of the smooth driving in advance, then the chance of colliding, losing, or even hurting others after losing control will be much less.

Path: [Base setting]-[Fail safe]



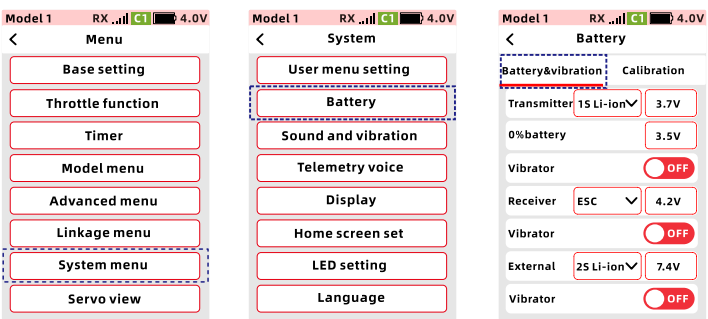
Touch[Base setting] Touch[Fail safe]

- Setting mode:
- 1 Hold: Hold mode, the value when the receiver output is out of control (hold action)
 - 2 F/S: Loss of control protection mode, the set value output by the receiver after loss of control (default action). For safety, it is recommended to set this out of control protection mode, the throttle channel is set to brake action.
 - 3 Close: Close the current channel output.

Note: Model fail safe is very important. Failure to set it correctly can cause damage of your RC model, so you must be very careful when setting this function.

9. Warning

Low battery warning
When the transmitter voltage, receiver battery voltage and power battery voltage are lower than the set value (path: [Menu]-[System menu]-[Battery]), the radio will broadcast corresponding voice reminders, such as [transmitter voltage is low, 3.5V],and you can set whether to turn on the vibration reminder as required.



Touch:[System menu] Touch:[Battery] Touch: [Battery and vibration]

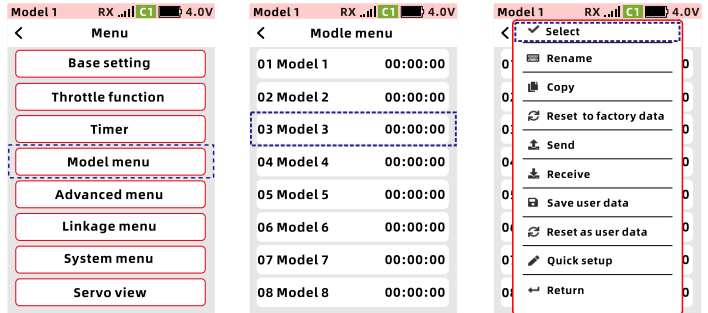
Shutdown alarm interface:
After the telemetry function is enabled, the transmitter will check whether the receiver is communicating when it is off, and then the warning interface will pop up to confirm before shutdown.



Touch [Shutdown] to forcibly shut down the transmitter.

10. Model menu

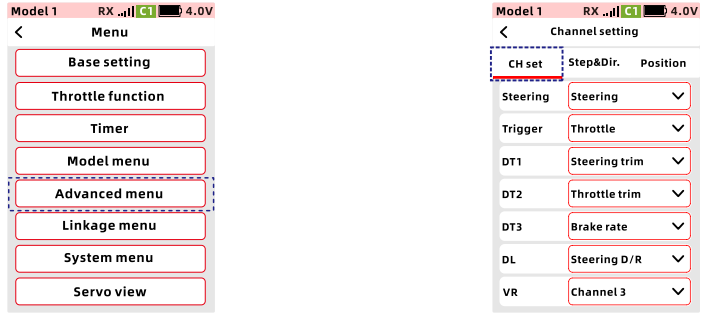
Path: [Menu]-[Model Menu]



Touch[Model menu] Touch[Model] Touch[Select]

11.Switch and channel Settings:

Path:[Menu]-[Advanced Menu]-[Channel setting]



Touch:[Advanced menu] Select function or channel by switch, button, trim, knob name

Linking method:
Transmitter: Click the start button to enter the link state
Receiver: Power on, press and hold the [SET] button for 3 seconds, the orange LED flashes.

Authentication method:
Successful linking: The receiver LED light becomes green and steady
Connect the servo: Operate the corresponding channel of the transmitter, linking successfully if the servo has synchronized action.

Note:
The distance between the transmitter and the receiver shall be within one meter.
The transmitter cannot be linked in simulator and student mode, mode modification

Path: [Menu]-[System Menu]-[Trainer and simulator]

There is no other WFLY 2.4G system in the vicinity that the same protocol is undergoing binding operation.
During the binding: If you need to exit, Touch [Cancel].