



# FLYSKY FS-R11P-BS Receiver with Gyro Stabilization Instruction Manual

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# FLYSKY

## FS-R11P-BS Receiver with Gyro Stabilization Instruction Manual

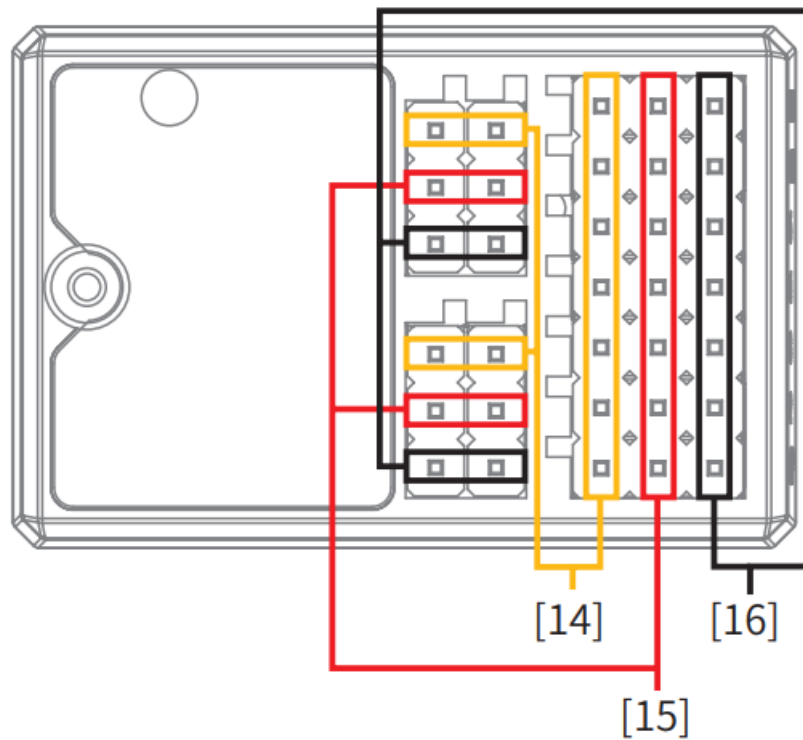
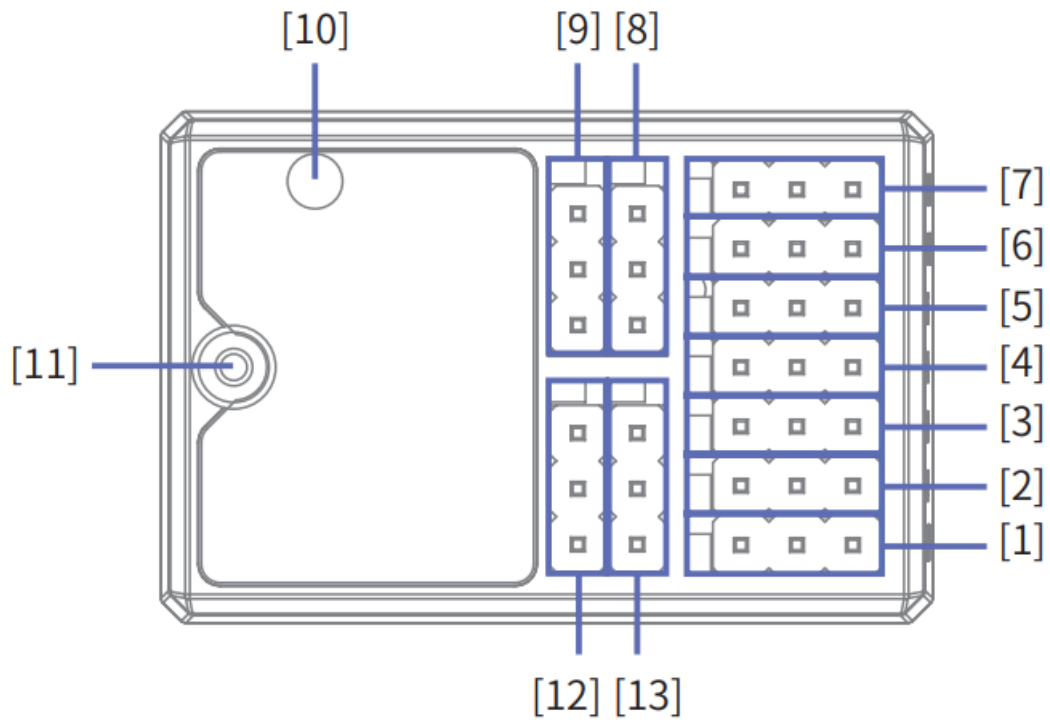
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## Introduction

FS-R11P-BS based on 2A-BS protocol is a receiver which provides 11-channel and bidirectional transmission, featuring external single antenna and PWM signal output. It can adapted to a variety of model cars or boats.

## Overview



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## Specification

- Product Name: FS-R11P-BS
- Adaptive Transmitter: FS-MG11-BS
- Adaptive Models: Cars or boats
- PWM Channels: 11
- RF: 2.4GHz ISM
- Maximum Power: <20dBm (e.i.r.p.) EU
- Antenna: Single External Antenna
- Distance: >150m (Ground Distance without Interference)
- 2.4G Protocol: 2A-BS
- Resolution: 4096
- Data Output: PWM
- Input Power: 3.5 ~ 8.4V/DC
- Working Current: 20mA/5V
- Online Update: None
- Temperature Range: -10°C ~ +60°C
- Humidity Range: 20% ~ 95%
- Water Proof: IPX4
- Dimensions: 35.0mm\*23.3mm\*13.3mm
- Weight: 8g
- Certifications: CE, FCC ID: 2A2UNR11P01

## Binding

The receiver will automatically enter bind mode matching state upon power-on. The operation steps are as follows:

1. Put the transmitter in bind mode (The transmitter may enter bind mode in different ways, please follow the transmitter's instruction manual).
2. The receiver is powered on and wait 1 second. If there is no connection, the receiver will automatically enter bind mode.
3. The receiver LED will be solid on after the binding process is successful.
4. Check to make sure the transmitter and receiver functions are working correctly, repeat steps 1 to 3 (binding process) if any problems arise.

## Notes:

1. During the bind mode, put the transmitter in bind mode first, then put the receiver in bind mode, If the binding process is not completed within 10 seconds, the receiver LED goes into a slow flashing state.
2. The FS-R11P-BS receiver complies with the 2A-BS protocol and is only compatible with transmitters conforming to this protocol.

## Failsafe

The failsafe function is used to protect the model and personnel when the receiver loses its signal and is out of control.

By default, the receiver will keep the final output after losing control. If it has been set at the transmitter end, it will output according to the set value.

**Note:** Whether the receiver is set at the transmitting end or not, the CH2 channel throttle has no output signal when the failsafe function is triggered.



#### **Attentions:**

- Make sure the product is installed and calibrated correctly, failure to do so may result in serious injury.
- Make sure the receiver's battery is disconnected before turning off the transmitter, failure to do so can result out of control.

Unreasonable setting of the Failsafe may cause accidents.

- Make sure the receiver is mounted away from motors, electronic speed controllers or any device that emits excessive electrical noise.
- Keep the receiver's antenna at least 1cm away from conductive materials such as carbon or metal.
- Do not power on the receiver during the setup process to prevent loss of control.

## **Certifications**

### **FCC Compliance Statement**

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.

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **EU DoC Declaration**

Hereby, [Flysch Technology Co., Ltd.] declares that the Radio Equipment [FS-R11P-BS] is in compliance with RED 2014/53/EU.

The full text of the EU DoC is available at the following internet address: [www.flyskytech.com/info\\_detail/10.html](http://www.flyskytech.com/info_detail/10.html)

### **RF Exposure Compliance**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 centimeters between the radiator and your body.

### **Environmentally friendly disposal**

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.



FCC ID: 2A2UNR11P01



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Website

<http://www.flysky-cn.com/>



Facebook

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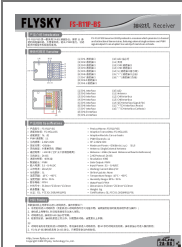
Figures and illustrations in this manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

<http://www.flysky-cn.com>

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Documents / Resources



[FLYSKY FS-R11P-BS Receiver with Gyro Stabilization](#) [pdf] Instruction Manual  
R11P01, 2A2UNR11P01, 2A-BS, FS-R11P-BS, FS-R11P-BS Receiver with Gyro Stabilization,  
Receiver with Gyro Stabilization, Gyro Stabilization, Stabilization

References

- [FLYSKY](#)