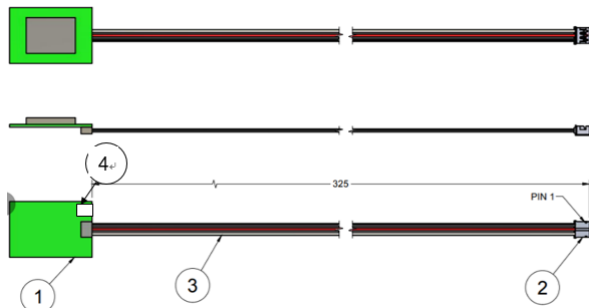


## 产品介绍 Introduction

The HR2, based on the AFHDS 2A protocol, is a 2-channel receiver compatible with radio electric longboards. It features two-way transmission.

## 接收机概览 Receiver Overview



- [1] Receiver PCB
- [2] JST-PH Connector
- [3] Cable
- [4] 2 Pin Port

## 产品规格 Product Specifications

- Product Model: HR2
- Compatible RC Model: Electric Longboards
- Number of Channels: 2
- RF: 2.4GHz ISM
- RF Protocol: AFHDS 2A
- Antenna: One built-in antenna
- Distance: > 10m (Ground distance without interference)
- Operating Voltage: 3.5-8.4V
- Data Output: PWM
- Temperature Range: -10°C ~ +60°C
- Humidity Range: 20% ~ 95%
- Online Update: Not Supported
- Dimensions: 36.6\*25\*9.8mm
- Weight: 7.8g
- Certifications: CE, FCC ID:2BNSA-HR2

## 对码 Binding

The receiver automatically enters the binding state once it is powered on.

1. First, put the transmitter into binding mode (See the transmitter's user manual for instructions on how to activate binding mode).
2. When the receiver is powered on and waits for 1 second, it will automatically enter the binding state if it is not connected, at the same time, the receiver LED will flash rapidly.
3. After the binding is successful, the LED of the receiver will be solid on.
4. Check to make sure the transmitter and receiver functions are working correctly, if any problems arise, repeat steps above(binding process).

**失控保护 Failsafe**

The failsafe function is used when the receiver loses signal and is out-of-control. The receiver performs channel output according to the set failsafe value to protect the safety of the model and personnel.

By default, the receiver is no output in case of out-of-control.

**! Attention:**

- Make sure the product is installed and calibrated correctly, failure to do so may result in serious injury.
- Normally, you must power on the transmitter and then the receiver, and power off the receiver and then the transmitter.
- 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.

**认证相关 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, we declare that the Radio Equipment [HR2] is in compliance with RED 2014/53/EU.

**RF Exposure Compliance**

The distance between user and products should be no less than 20cm.

**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: 2BNSA-HR2