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› [HAIBOXING](#) /

› [HAIBOXING 2.4GHz Radio Transmitter \(Model 12670-2.4G\) Instruction Manual](#)

## HAIBOXING 12670-2.4G

# HAIBOXING 2.4GHz Radio Transmitter (Model 12670-2.4G) Instruction Manual

For RC Car Models: 16889, 903, 905, 2995

## INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your HAIBOXING 2.4GHz Radio Transmitter, model 12670-2.4G. This transmitter is designed for use with HAIBOXING RC car models 16889, 903, 905, and 2995. Please read this manual thoroughly before use to ensure optimal performance and safety.

## WHAT'S IN THE Box

- One (1) Radio Transmitter (Model 12670-2.4G)

*Note: Additional components such as receivers, ESCs, motors, and batteries are typically sold separately or included with the RC vehicle.*

## PRODUCT OVERVIEW

The HAIBOXING 2.4GHz Radio Transmitter provides reliable control for your compatible RC vehicles. It features a pistol-grip design with various controls for precise operation.



**Image Description:** A detailed view of the HAIBOXING 2.4GHz Radio Transmitter, highlighting its key components such as the Steering Trim, Power ON/OFF switch, Steering Direction Reverse Switch, Throttle Limiter, Control Wheel, Trigger, and AUX. The image also indicates "RTR Ready to Run", "2.4GHz Proportional Control", and "280 feet Control Range".

## SETUP AND BINDING

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To establish communication between your transmitter and receiver, follow these binding instructions. Ensure all components are powered off before starting.

### Binding Procedure

1. Connect the receiver to a power source (e.g., ESC with BEC or a separate receiver battery).
2. Power on the receiver. The LED on the receiver should flash, indicating it is in binding mode.
3. Power on the transmitter.
4. Locate the "BIND" button on the receiver. Press and hold the "BIND" button for approximately 3 seconds.
5. Observe the LED on the receiver. Once the LED changes from fast flashing to a solid light, the binding process is complete.
6. Verify binding by connecting a servo to Channel 1 on the receiver and turning the steering wheel on the transmitter. The servo should respond.

Your browser does not support the video tag.

**Video Description:** This video demonstrates the binding method for a DUMBORC X4 Radio Transmitter with an X6F Receiver. It shows how to power on the receiver, then the transmitter, and then press the bind button on the receiver until the LED light becomes solid, indicating successful binding. A servo is then connected to verify the binding.

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**Video Description:** This video provides a connection schematic diagram for a 4-channel RC Transmitter with a Receiver, showing how to connect the various components like the ESC, motor, servo, and battery to the receiver and transmitter for proper operation and binding.

## OPERATING THE TRANSMITTER

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The 2.4GHz Radio Transmitter features several adjustable controls to fine-tune your RC vehicle's performance.

- **Steering Trim (ST/TRIM):** Adjusts the neutral position of the steering. Use this to make the vehicle drive straight when the steering wheel is centered.
- **Throttle Trim (TH/TRIM):** Adjusts the neutral position of the throttle. Use this to ensure the vehicle remains stationary when the throttle trigger is released.
- **Steering Dual Rate (ST D/R):** Adjusts the maximum steering angle.
- **Throttle Dual Rate (TH D/R):** Adjusts the maximum throttle output.
- **Steering Direction Reverse Switch (ST DIR):** Reverses the steering direction.
- **Throttle Direction Reverse Switch (TH DIR):** Reverses the throttle direction.
- **Trigger:** Controls forward/reverse movement and speed.
- **Control Wheel:** Controls left/right steering.
- **Power ON/OFF:** Turns the transmitter on or off.
- **LED Indicator:** Shows the power and binding status.

## TROUBLESHOOTING

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If you encounter issues with your HAIBOXING 2.4GHz Radio Transmitter, refer to the following common troubleshooting steps:

### Throttle or Steering Not Responding

- Check Binding:** Ensure the transmitter and receiver are properly bound. Refer to the "Setup and Binding" section.
- Adjust Throttle Trim (TH/TRIM):** If the steering works but the throttle does not, adjust the TH/TRIM knob to the neutral (center) position. The ESC may not recognize the throttle input if the trim is off-center.
- Adjust Throttle Dual Rate (TH D/R):** If the motor does not respond or moves slowly, adjust the TH D/R to its maximum value.
- Adjust Steering Dual Rate (ST D/R):** If there is no steering response, adjust the ST D/R to its maximum value.
- ESC Calibration:** If the issue persists, check the Electronic Speed Controller (ESC). Calibrate it and ensure it is in the correct two-way working mode.

Your browser does not support the video tag.

**Video Description:** This video addresses common issues where the throttle or steering may not work on an RC vehicle. It demonstrates how to adjust the throttle sub-trim and throttle dual rate (TH D/R) on the transmitter to resolve these problems, ensuring the ESC recognizes the throttle input and the motor responds correctly.

## SPECIFICATIONS

| Feature                             | Detail   |
|-------------------------------------|--|
| <b>Spare Part Number</b>            | 12670-2.4G                                     |
| <b>Item Name</b>                    | Radio Transmitter                              |
| <b>Compatibility</b>                | HAIBOXING RC Car Models: 16889, 903, 905, 2995 |
| <b>Product Dimensions</b>           | 10 x 5 x 7 inches                              |
| <b>Item Weight</b>                  | 6.7 ounces                                     |
| <b>Manufacturer Recommended Age</b> | 14 years and up                                |

## MAINTENANCE

To ensure the longevity and optimal performance of your HAIBOXING 2.4GHz Radio Transmitter, follow these general maintenance guidelines:

- Keep the transmitter clean and free from dust, dirt, and moisture. Use a soft, dry cloth for cleaning.
- Avoid exposing the transmitter to extreme temperatures or direct sunlight for prolonged periods.
- Remove batteries from the transmitter if it will not be used for an extended period to prevent leakage.
- Store the transmitter in a safe place to prevent physical damage.

## WARRANTY AND SUPPORT

Specific warranty information for the HAIBOXING 2.4GHz Radio Transmitter (Model 12670-2.4G) is not provided in this document. For detailed warranty terms, technical support, or replacement parts, please refer to the official HAIBOXING website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the official HAIBOXING store for more products and support:[HAIBOXING Store](#)

