

REELY HT-4

REELY HT-4 2.4GHz Remote Control User Manual

Model: HT-4 (1310036)

Brand: REELY

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1. OVERVIEW

The REELY HT-4 2.4GHz remote control system is a versatile and reliable solution for controlling various remote-controlled models. This system is suitable for RC cars, boats, and medium-sized aircraft. It features 4 proportional control channels, ensuring precise command over your model. An integrated Delta mixer enhances its functionality for specific aircraft configurations. The transmitter's ergonomic and flat design provides comfortable handling and secure operation.



Figure 1: User holding the REELY HT-4 remote control with a model airplane.

2. SAFETY INFORMATION

- Always operate your remote control system in a safe environment, away from people, animals, and obstacles.
- Ensure all batteries are fully charged and correctly installed before each use.
- Verify that the transmitter and receiver are properly bound and functioning correctly before operating your model.
- Do not operate the remote control system in adverse weather conditions, such as strong winds or rain.
- Keep the remote control and receiver away from moisture, dust, and extreme temperatures.
- Children should only operate this device under direct adult supervision.
- Turn off the receiver on your model before turning off the transmitter to prevent loss of control.

3. PRODUCT FEATURES

- **4 Proportional Control Channels:** Provides precise and responsive control for various model types.

- **2.4 GHz Frequency:** Ensures reliable signal transmission with reduced interference.
- **Integrated Delta Mixer:** Allows for control of Delta wing aircraft models.
- **Ergonomic Design:** Flat and comfortable design for extended use and secure grip.
- **Integrated Transmission Antenna:** Streamlined design without external antenna.
- **Guaranteed Range:** Reliable operation up to 500 meters.
- **Versatile Application:** Suitable for RC cars, boats, and medium-sized aircraft.



Figure 2: Front view of the REELY HT-4 Transmitter.

4. SETUP

4.1. Battery Installation (Transmitter)

1. Locate the battery compartment cover on the back of the transmitter.
2. Slide or unclip the cover to open the compartment.
3. Insert the required number of AA batteries (not included) into the compartment, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.
5. Turn on the transmitter to verify power. The power indicator light should illuminate.



Figure 3: Angled view of the REELY HT-4 Transmitter.

4.2. Receiver Connection and Binding

The REELY HT-4 system includes an HR-4 6-channel 2.4GHz digital receiver. Follow these steps to connect and bind the receiver to the transmitter:

1. Connect the receiver to your model's power source and servos according to your model's instructions. Ensure the receiver receives power (4.0-8.4V).
2. Turn on the transmitter.
3. Press and hold the **BIND** button on the receiver.
4. While holding the BIND button, power on the receiver. The receiver's LED should flash rapidly, indicating it is in binding mode.
5. On the transmitter, locate the **BIND** button (usually on the front panel). Press and hold this button.
6. The receiver's LED should now turn solid, indicating a successful bind.
7. Release the BIND button on both the transmitter and receiver.
8. Turn off both the transmitter and receiver, then power them on again (transmitter first, then receiver) to confirm the binding.



Figure 4: REELY HR-4 Receiver.

5. OPERATING INSTRUCTIONS

5.1. Transmitter Controls

The HT-4 transmitter features two primary control sticks, trim levers, and switches for various functions:

- **Left Stick:** Typically controls throttle (up/down) and rudder/yaw (left/right).
- **Right Stick:** Typically controls ailerons/roll (left/right) and elevator/pitch (up/down).
- **Trim Levers:** Small levers adjacent to the main sticks used for fine-tuning control surfaces to achieve neutral flight or straight tracking.
- **Channel Switches:** Additional switches may be present for auxiliary functions depending on your model.
- **Servo Reverse Switches:** Located on the control panel, these switches allow you to reverse the direction of individual servo channels (MIX, RUD, THR, ELE, AIL) if needed for correct model response.
- **Delta Mixer Switch:** Activates or deactivates the Delta mixer function for Delta wing aircraft.

5.2. Delta Mixer Function

The integrated Delta mixer combines the elevator and aileron control signals for models with Delta wing configurations. When activated, moving the right stick up/down will control pitch, and left/right will control roll, with the system automatically mixing the output to the two elevon servos. Ensure this function is enabled only for compatible Delta wing models.

5.3. Operating Range

The REELY HT-4 system offers a guaranteed operating range of up to 500 meters (approximately 1640 feet). Always maintain a clear line of sight to your model and avoid operating near sources of strong electromagnetic interference to ensure optimal signal integrity.

6. MAINTENANCE

- **Cleaning:** Wipe the transmitter and receiver with a soft, dry cloth. Do not use solvents or abrasive cleaners.
- **Storage:** Store the remote control system in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries from the transmitter if storing for extended periods to prevent leakage.
- **Battery Care:** Always use fresh batteries or fully charged rechargeable batteries. Dispose of depleted batteries responsibly.
- **Inspection:** Periodically check all cables and connections for signs of wear or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Transmitter does not power on.	Dead or incorrectly installed batteries.	Replace batteries with fresh ones, ensuring correct polarity.
Model does not respond to controls.	Receiver not powered. Transmitter and receiver not bound. Out of range. Interference.	Check receiver power connection. Perform binding procedure (Section 4.2). Bring model closer to the transmitter. Move to an area with less interference.

Problem	Possible Cause	Solution
Erratic or delayed control response.	Low transmitter or receiver battery. Signal interference.	Replace/recharge batteries. Operate in a clear area, away from other 2.4GHz devices.
Control surface moves in the wrong direction.	Servo direction is reversed.	Use the servo reverse switches on the transmitter to correct the direction for the affected channel.

8. SPECIFICATIONS

Feature	Detail
Model Number	1310036
Brand	REELY
Channels	4 Proportional
Frequency	2.4 GHz (AFHDS 2A Digital System)
Operating Range	Up to 500 meters
Transmitter Power Source	Battery-powered (AA batteries, not included)
Receiver Model	HR-4 (6 Channel)
Receiver Voltage	4.0 - 8.4V
Material	Plastic
Item Weight	317 Grams (Transmitter only)
Special Features	Integrated Delta mixer, ergonomic design, integrated antenna

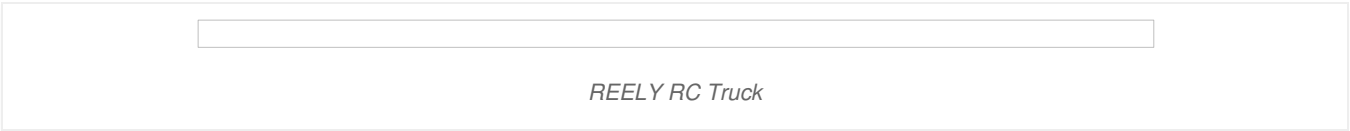
9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact REELY customer service directly. Keep your proof of purchase for warranty claims.

Note: No specific warranty details were provided in the product information. Please consult the manufacturer's official website or your retailer for the most current warranty terms and conditions.

10. EXPLORE MORE REELY MODELS

REELY offers a wide range of remote-controlled models and accessories for enthusiasts. Discover other products from the REELY lineup:



REELY RC Drone

REELY RC Glider Plane

REELY RC Helicopter

REELY RC Racing Boat

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question