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weelye HY2025RX-SE-12V

weelye 2.4G Bluetooth Remote Control and HY2025RX-SE-12V Receiver Kit Instruction Manual

Model: HY2025RX-SE-12V

Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Setup

1.1 Unboxing and Inspection

Carefully remove all components from the packaging. Inspect the remote control and receiver for any visible damage. Ensure all parts are present before proceeding with installation.

1.2 Remote Controller Battery Installation

The remote controller requires two AAA (1.5V) batteries. Locate the battery compartment on the back of the remote control. Open the compartment cover and insert the batteries, ensuring correct polarity (+/-). Close the cover securely.



Image: The weelye 2.4G Bluetooth Remote Control and HY2025RX-SE-12V Receiver Kit, showing both the remote and the receiver unit.

1.3 Receiver Installation

The HY2025RX-SE-12V receiver is designed for specific children's ride-on cars. Before installation, ensure the purchased part has the same appearance and connector type as the original unit in your vehicle. Disconnect the vehicle's power supply before replacing the receiver. Connect the wiring harness from the vehicle to the corresponding 7-pin socket on the HY2025RX-SE-12V control box. Ensure all connections are firm and secure.



Image: A close-up view of the HY2025RX-SE-12V receiver, highlighting the various connection ports on its side.

2. Operating Instructions

2.1 Pairing the Remote Controller

1. Ensure the remote controller has fresh batteries installed.
2. Turn **off** the power switch on the ride-on vehicle.
3. On the remote controller, simultaneously press and hold the "▲" (Forward) and "▼" (Back) keys for approximately 3 to 5 seconds to initiate the matching code process. The first LED indicator on the remote will begin to flicker.
4. While the remote's LED is flickering, turn **on** the vehicle's power switch.
5. The red indicator light on the remote will stop flashing, indicating that the code matching is successful.

2.2 Remote Control Functions

Once paired, the remote control provides the following functions:

- **"S" Key (Speed Setting):** Press this key to adjust the vehicle's speed. One LED lit indicates low speed, two LEDs indicate medium speed, and three LEDs indicate high speed.
- **"▲" Key (Forward):** Moves the vehicle forward.
- **"▼" Key (Back):** Moves the vehicle backward.
- **"◀" Key (Left):** Turns the vehicle left.
- **"▶" Key (Right):** Turns the vehicle right.
- **"P" Key (Brake/Parking):** Press and hold this key to engage the brake. All LED indicators on the remote will flicker while the brake is active.

3. Maintenance

3.1 General Care

Keep the remote control and receiver clean and dry. Wipe with a soft, damp cloth if necessary. Avoid exposing the components to excessive moisture, direct sunlight, or extreme temperatures.

3.2 Battery Care (Remote Controller)

- Non-rechargeable batteries are not to be recharged.
- Do not mix different types of batteries (e.g., alkaline with carbon-zinc) or new and used batteries.
- Ensure batteries are inserted with the correct polarity.
- Remove exhausted batteries from the remote control promptly to prevent leakage.
- The supply terminals are not to be short-circuited.

4. Troubleshooting

4.1 Remote Control Not Responding

- **Check Batteries:** Ensure the remote control batteries are fresh and installed with correct polarity. Replace if necessary.
- **Re-pair Remote:** Follow the pairing instructions in Section 2.1 to re-establish the connection between the remote and the receiver.
- **Vehicle Power:** Confirm the ride-on vehicle's power switch is turned on and its battery is charged.

4.2 Vehicle Only Moves Forward/Backward, No Steering

- **Check Connections:** Verify that all wiring connections to the receiver, especially for the steering motor, are secure and correctly inserted into the 7-pin socket.
- **Compatibility:** Ensure the HY2025RX-SE-12V receiver is fully compatible with your specific ride-on car model and its steering mechanism.

5. Specifications

Feature	Detail
Model Number	HY2025RX-SE-12V
Supply Voltage	DC 12V
Load Current (Max)	40A
Frequency	2.407GHz - 2.473GHz
Remote Control Batteries	2 x AAA (1.5V) (not included)
Product Dimensions	5.5 x 3.3 x 2.8 inches
Item Weight	7.4 ounces



Image: The top label of the HY2025RX-SE-12V receiver, detailing its model number, voltage, load current, and frequency.

6. Safety Warnings

WARNING!

- Not for children under 3 years due to small parts. Choking hazard.
- The packaging must be retained as it contains important information.

7. Warranty & Support

For warranty information or technical support, please refer to the original product packaging or contact the manufacturer directly. Keep your purchase receipt for any warranty claims.

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