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JIARUIXIN JR1922RXS-3W-12V

JIARUIXIN JR1922RXS-3W-12V 2.4G Bluetooth Remote Control and Receiver Kit User Manual

For Children's Electric Ride-On Cars

1. Introduction

Thank you for purchasing the JIARUIXIN JR1922RXS-3W-12V 2.4G Bluetooth Remote Control and Receiver Kit. This kit is designed as a replacement part for specific children's electric ride-on cars, providing both a control box (receiver) and a remote control (transmitter) for operation. Please read this manual carefully before installation and use to ensure proper function and safety.

2. Safety Information

- This product is intended for use with children's electric ride-on cars. Ensure it is installed by an adult.
- Always disconnect the car's battery before installing or replacing any electrical components.
- Ensure all connections are secure and correct to prevent short circuits or damage.
- The remote controller should only be used under adult supervision.
- Do not expose the control box or remote control to water or excessive moisture.
- Use only the specified battery type for the remote control (2 x AAA 1.5V batteries).

3. Package Contents

Your package should contain the following items:

- 1 x JR1922RXS-3W-12V Control Box (Receiver)
- 1 x 2.4G Bluetooth Remote Control (Transmitter, Model JR1602FCC)

4. Product Overview

4.1 Control Box (Receiver)

The control box is the central unit that receives signals from the remote control and manages the car's functions. It features a white 7-pin socket for connection to the car's wiring harness.



Image 1: Top view of the JR1922RXS-3W-12V Control Box, showing the model number, supply voltage (DC 12V), load current (Max 35A), and frequency range (2.407GHz-2.473GHz).



Image 2: Angled view of the JR1922RXS-3W-12V Control Box, highlighting the various connection ports and the product label.

4.2 Remote Control (Transmitter)

The remote control allows an adult to operate the ride-on car wirelessly. It features various buttons for movement and speed control.



Image 3: Front view of the JR1602FCC Remote Control, showing the directional and function buttons.

5. Setup and Installation

5.1 Compatibility Check

Before installation, ensure this control box is compatible with your child's electric ride-on car. Open your car and compare the appearance of your existing control box with the JR1922RXS-3W-12V. If they look identical, this part should fit.

5.2 Control Box Installation

1. **Disconnect Power:** Ensure the ride-on car's battery is disconnected before proceeding.
2. **Remove Old Control Box:** Carefully disconnect all wires from the old control box and remove it from the car. Note the position of each wire for correct re-connection.
3. **Install New Control Box:** Connect the car's wiring harness to the white 7-pin socket on the new JR1922RXS-3W-12V control box. Ensure all connections are firm and match the original configuration.
4. **Secure Control Box:** Mount the new control box securely within the car's chassis.

5.3 Remote Control Battery Installation

The remote control requires two AAA (1.5V) batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Use a screwdriver to loosen the screw and open the battery cover.
3. Insert two AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover and tighten the screw.



Image 4: Diagram illustrating how to open the battery compartment and install two AAA batteries in the remote control.

5.4 Frequency Matching (Pairing)

The remote control and receiver must be paired for the first use or if the remote control batteries are replaced (though the remote has a memory function, re-pairing might be needed if issues arise).

1. **Initiate Pairing on Remote:** On the remote control, press and hold the

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