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> JIARUIXIN JR1958RX-2S 12V Ride-On Car Receiver Control Box Instruction Manual

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1. PRODUCT OVERVIEW

The JIARUIXIN JR1958RX-2S is a 12V receiver control box designed as a replacement part for children's electric ride-on cars. This unit facilitates the remote control functionality of the vehicle, ensuring proper communication between the remote and the car's motor system. It operates using 2.4G Bluetooth technology for stable and reliable control.



Image 1: Top view of the JR1958RX-2S 12V Receiver Control Box, showing connection ports and product labeling.

2. COMPATIBILITY

This JR1958RX-2S control box is specifically designed for certain children's electric ride-on cars. It is compatible with JR1958RX and JR1758RX versions. To ensure proper fit and function, it is crucial to verify that the appearance and model number of this replacement control box match your original, broken unit.

JR1958RX-2S/ JR1758RX-2S two receivers are compatible



Image 2: Comparison of JR1958RX-2S and JR1758RX-2S receiver control boxes, illustrating their similar appearance and compatibility.

3. SETUP AND INSTALLATION

1. **Preparation:** Before beginning, ensure the ride-on car is turned off and disconnected from any power source.
2. **Access the Control Box:** Locate and open the compartment housing the existing control box in your electric ride-on car. This usually involves removing screws or clips.
3. **Verify Match:** Carefully compare the appearance and model number of the new JR1958RX-2S control box with the old one. They must be identical for proper function.
4. **Disconnect Old Unit:** Gently disconnect all wiring harnesses and connectors from the old control box. Note their positions if necessary.
5. **Install New Unit:** Place the new JR1958RX-2S control box into the compartment. Connect all wiring harnesses and connectors to their corresponding ports on the new unit. Ensure all connections are secure.
6. **Secure Compartment:** Close and secure the control box compartment.

4. OPERATING INSTRUCTIONS: FREQUENCY MATCHING

After installing the new control box or replacing the battery in the remote control, you will need to perform a frequency matching procedure to link the remote control with the receiver.

1. **Power On Car:** Turn on the electric ride-on car.
2. **Remote Control Pairing:** Within a few seconds of turning on the car, press and hold the pairing button on your remote control (refer to your remote control's specific instructions for button location).
3. **Confirmation:** The car's lights or indicators may flash, or you may hear a sound, indicating successful

pairing. Release the button once pairing is confirmed.

4. **Test Functionality:** Test all functions of the remote control (forward, backward, steering) to ensure proper operation.

5. MAINTENANCE

- **Keep Dry:** Protect the control box from moisture and water exposure to prevent damage to electronic components.
- **Cleanliness:** Periodically inspect the control box area for dust or debris accumulation. Clean gently with a dry, soft cloth if necessary.
- **Secure Connections:** Ensure all wiring connections remain secure and free from corrosion.

6. TROUBLESHOOTING

- **Car Not Responding to Remote:**
 - Ensure the remote control has fresh batteries.
 - Perform the frequency matching procedure (Section 4) again.
 - Check all wiring connections to the control box for looseness.
- **Intermittent Control:**
 - Check for interference from other 2.4G devices nearby.
 - Ensure the remote control is within effective range.
- **No Power to Car:**
 - Verify the car's main battery is charged and properly connected.
 - Check the main power switch on the car.
 - Inspect the control box and wiring for any visible damage.

7. SPECIFICATIONS

- **Model Number:** JR1958RX-2S
- **Voltage:** DC 12V
- **Control Method:** 2.4G Bluetooth
- **Load Current:** Max 30A
- **Frequency:** 2.407GHz - 2.473GHz
- **Product Dimensions:** 3.2 x 2.6 x 1.6 inches (8.1 x 6.6 x 4.1 cm)
- **Item Weight:** 2.82 ounces (80 grams)

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your JIARUIXIN JR1958RX-2S control box, please refer to the documentation provided with your original ride-on car or contact the manufacturer directly. Ensure you have your product model number and purchase details available when seeking support.

