

JIARUIXIN CSR-12T-1B 12V

JIARUIXIN CSR-12T-1B 12V 2.4G Bluetooth Remote Control and Receiver Kit Instruction Manual

Model: CSR-12T-1B 12V

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the JIARUIXIN CSR-12T-1B 12V 2.4G Bluetooth Remote Control and Receiver Kit. This kit is designed as a replacement part for children's electric riding cars, enabling remote control functionality.

1.1. Product Compatibility

To ensure compatibility, open your electric ride-on car and visually inspect the existing control box. If the appearance of the control box matches the CSR-12T-1B model shown in this manual, this replacement part should be compatible with your vehicle. Pay close attention to the connectors to ensure they match your car's wiring harness.



Figure 1: Top view of the CSR-12T-1B 12V Control Box. This image displays the main control unit with its identification label, operating voltage (DC12V), and maximum working current (25A MAX).



Figure 2: Angled view of the CSR-12T-1B 12V Control Box. This perspective highlights the various connectors for wiring into the electric riding car's system.

1.2. Package Contents

The package typically includes:

- 1 x CSR-12T-1B 12V Control Box
- 1 x 2.4G Bluetooth Remote Control

2. SETUP AND INSTALLATION

Installation of the control box requires basic electrical knowledge and careful attention to wiring. If you are unsure, consult a qualified technician.

2.1. Control Box Installation

1. **Safety First:** Disconnect the battery from the electric riding car before beginning any installation.
2. **Locate Existing Control Box:** Open the body of the electric riding car to access the existing control box.
3. **Disconnect Wiring:** Carefully disconnect all wiring harnesses from the old control box. Note the position of each connector if possible, or take photos for reference.

4. **Remove Old Control Box:** Unmount the old control box from its position.
5. **Install New Control Box:** Mount the new CSR-12T-1B control box in the same location.
6. **Connect Wiring:** Reconnect all wiring harnesses to the new control box. Ensure all connections are secure and match the original configuration.
7. **Reconnect Battery:** Once all connections are secure, reconnect the car's battery.

2.2. Remote Control Pairing (Frequency Matching)

The remote control must be paired with the receiver kit for the first use or after replacing the remote control's batteries.

1. **Power On Car:** Turn on the electric riding car.
2. **Initiate Pairing:** Press and hold the "M" button (or similar pairing button, if present) on the remote control for approximately 3-5 seconds. The indicator light on the remote control should start flashing.
3. **Observe Car:** The car's lights or other indicators may flash or make a sound to confirm successful pairing.
4. **Test Functionality:** Release the button and test the remote control's functions (forward, backward, turning) to ensure it is paired correctly.

3. OPERATING INSTRUCTIONS

The 2.4G Bluetooth remote control allows parents to safely operate the electric riding car. Familiarize yourself with the button functions:



Figure 3: JIARUIXIN 2.4G Bluetooth Remote Control. This image shows the remote control with all its buttons clearly labeled for their respective functions.

- **Forward Button:** Moves the car forward.
- **Back Button:** Moves the car backward.
- **Turn Left Button:** Steers the car to the left.
- **Turn Right Button:** Steers the car to the right.
- **Speed Selection Button (S):** Adjusts the speed of the car (e.g., low, medium, high). Press to cycle through available speeds.
- **Emergency Braking Button (P):** Immediately stops the car. Pressing this button will override other commands and bring the car to a halt.



Figure 4: Top view of the JIARUIXIN 2.4G Bluetooth Remote Control. This image provides a clear view of the remote's ergonomic design and button layout.

4. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your control kit.

- **Cleaning:** Wipe the control box and remote control with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the components in a dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement (Remote Control):** If the remote control's range decreases or it becomes unresponsive, replace its batteries. Refer to the remote control's battery compartment for the correct battery type and orientation.
- **Wiring Inspection:** Periodically check all wiring connections to the control box for any signs of wear, corrosion, or looseness. Ensure they are securely fastened.

5. TROUBLESHOOTING

If you encounter issues with your CSR-12T-1B kit, refer to the following common troubleshooting steps:

- **Remote Control Not Responding:**

- Ensure the electric riding car is powered on.
 - Check the remote control's batteries and replace them if necessary.
 - Perform the remote control pairing (frequency matching) procedure again as described in Section 2.2.
 - Ensure there are no obstructions or strong interference sources between the remote control and the car.
- **Car Not Moving:**
 - Verify the car's main power switch is ON.
 - Check the car's battery charge level.
 - Ensure all wiring connections to the control box are secure.
 - Confirm the remote control is paired correctly.
 - **Intermittent Operation:**
 - Check for loose wiring connections.
 - Ensure the remote control batteries are not low.
 - Avoid operating near other 2.4Ghz devices that might cause interference.

If problems persist after following these steps, contact customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	JJARUIXIN
Model Name	CSR-12T-1B 12V
Item Type	2.4G Bluetooth Remote Control and Receiver Kit
Operating Voltage	DC 12V
Working Current	25A MAX
Power Source	Battery Powered (for car)
Operation Mode	Remote Control
Material Type	Plastic
Item Dimensions	4.6 x 3.1 x 2.2 inches (Control Box)
GTIN	768443698634

7. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For warranty claims or technical support, please contact the seller or manufacturer directly through the platform where the product was purchased.

Manufacturer: JJARUIXIN

