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> JRRXM Weelye RX23/RX18/RX43 2.4G Bluetooth Receiver Control Box (Model XH TX10) Instruction Manual

JRRXM RX23, RX18, RX43, XH TX10

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JRRXM Weelye 12V 2.4G Bluetooth Receiver Control Box. This control box is designed as a replacement or upgrade part for kids' ride-on toys, offering enhanced control and functionality. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: JRRXM Weelye Control Box, Remote Control, and compatible ride-on toy.

2. PRODUCT COMPATIBILITY

This control box is compatible with Weelye RX8, RX18, RX23, RX43, and RX57 models. The RX23 model can perfectly replace RX18 and RX43, offering a more stable working state and addressing some defects of older models. It is crucial to verify the shape of the 7-pin cable socket on your original controller before purchasing and installation.

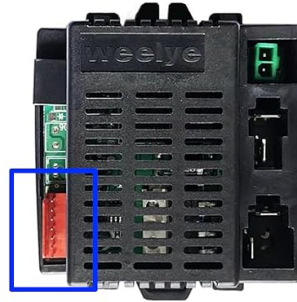
- **Compatible Models:** RX23, RX18, RX43, RX7 (These models can replace each other if the socket shape is identical).
- **Socket Type:** Ensure the 7-pin socket shape matches your existing unit. Two common types are XH and 2501.
- **Power Supply:** Requires a 12V power supply.

Different Sockets

XH Socket



2501 Socket



2501 Socket



XH Socket

Figure 2: Comparison of XH and 2501 Socket Types.



Figure 3: RX Model Compatibility Chart.

3. PACKAGE CONTENTS

The product package includes the following items:

- One (1) Remote Control
- One (1) Control Box (RX23, RX18, or RX43 variant)
- One (1) Instruction Manual for Remote Control Matching (included in the control box packaging)

4. INSTALLATION GUIDE

Follow these steps for proper installation of the control box:

1. **Pre-installation Check:** Before proceeding, remove your original controller and compare it with the new unit to ensure compatibility, especially the 7-pin socket shape. Confirm your ride-on toy uses a 12V power supply.
2. **Disconnect Power:** Always disconnect the battery from the ride-on toy before performing any installation or maintenance.
3. **Remove Old Control Box:** Carefully detach the old control box from its mounting location and disconnect all wiring.
4. **Connect New Control Box:** Connect the wires from the ride-on toy to the new control box according to the wiring diagram provided. Ensure all connections are secure and correctly oriented.
5. **Mount Control Box:** Securely mount the new control box in the designated location within the ride-on toy.
6. **Reconnect Power:** Once all connections are made and secured, reconnect the 12V battery.

RX23=RX18=RX43



Figure 4: Control Box Wiring Diagram.

5. REMOTE CONTROL PAIRING INSTRUCTIONS

The remote control needs to be paired with the control box for the first time use. Follow these steps:

1. Take out the remote control and install the battery.
2. Long press the frequency bind key (usually a small button on the remote, sometimes labeled 'Match' or similar) for 2-4 seconds. The low speed LED lights on the remote will flash.
3. Turn on the power of the ride-on car. The low speed LED lights on the remote will change from flashing to long lighting, indicating successful frequency binding.
4. If the frequency binding fails (low speed LED lights continue to flash), remove the battery from the remote and repeat steps 1-3.
5. If the remote control is not operated for 10 seconds, the indication light will turn off to enter power-saving mode.

Remote Control Button Description:

- ▲ (Up Arrow): Forward movement
- ▼ (Down Arrow): Backward movement

- ◀ (Left Arrow): Turn left
- ▶ (Right Arrow): Turn right
- S (Speed): Adjusts speed settings (e.g., three-speed regulation).
- P (Emergency Brake): Press to activate the emergency brake, stopping the vehicle. Press again to release the brake and resume normal function.

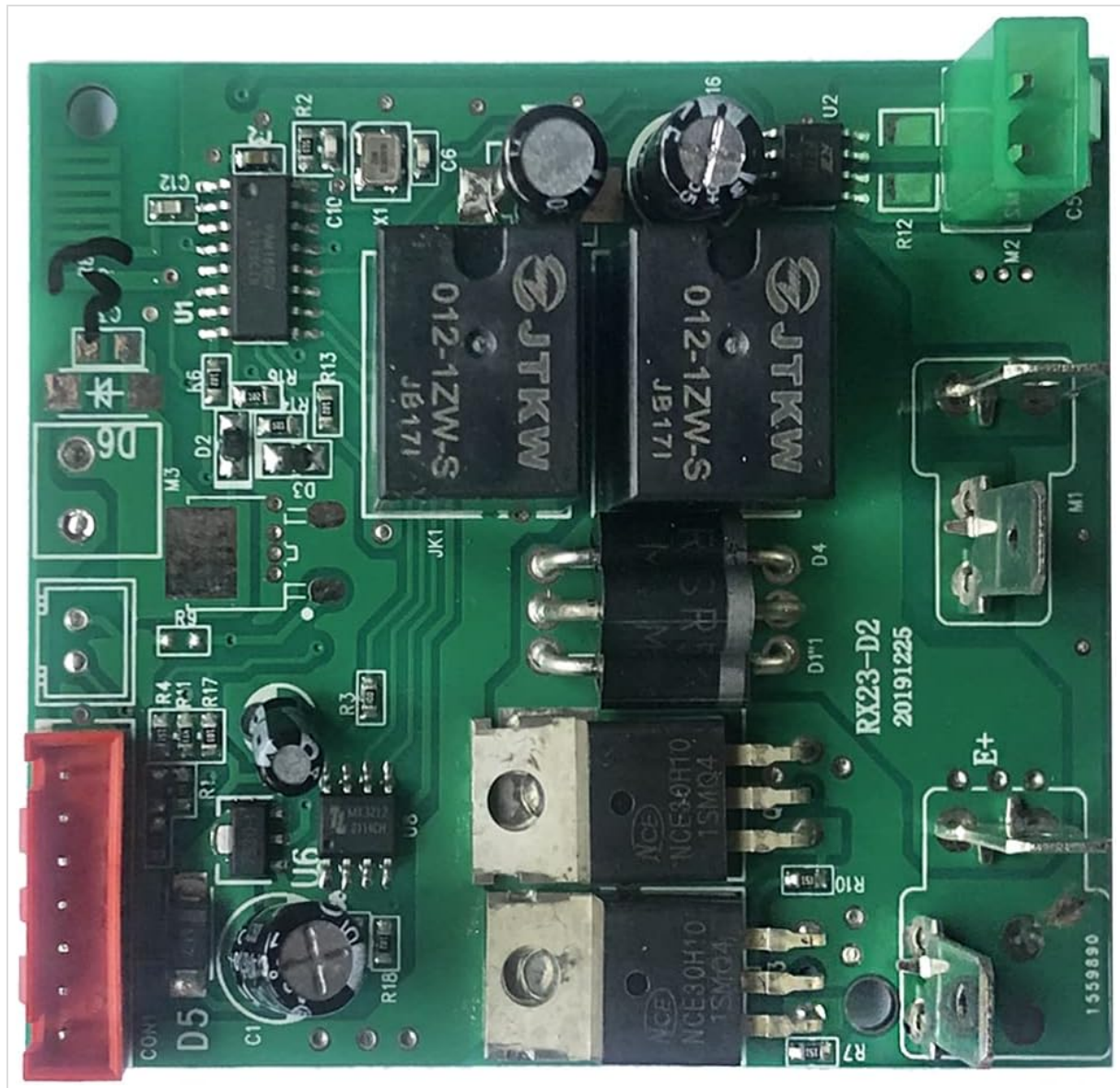


Figure 5: Remote Control Operation Manual.

6. OPERATING FEATURES

The JRRXM Weelye control box and remote system offer several key operating features:

- **Slow Start and Slow Stop:** Incorporates functions to ensure smooth acceleration and deceleration, enhancing child safety.
- **2.4G Interference-Free Mode:** The remote control operates on a 2.4G frequency, minimizing interference for reliable control.
- **Full Directional Control:** Allows for forward, backward, left, and right turns.
- **Three-Speed Regulation:** Provides multiple speed settings for varied play experiences.
- **Brake Function:** An emergency brake feature on the remote control allows parents to stop the vehicle instantly.

7. SPECIFICATIONS

Feature	Specification
Brand Name	JRRXM
Model Numbers (Compatible)	RX23, RX18, RX43, RX7, RX57
Manufacturer Part Number	rx23b
Model Number (Specific)	XH TX10
Power Source	Battery Powered
Supported Battery Types	12V Battery
Operation Mode	Automatic
Material Type	Plastic
Color	Black
Certifications	CE/FCC Certified

8. TROUBLESHOOTING

If you encounter issues with your JRRXM Weelye control box, consider the following:

- **Remote Not Pairing:** Ensure the remote control battery is correctly installed and charged. Repeat the pairing steps carefully. If the issue persists, try replacing the remote control battery.
- **Intermittent Connection:** Check for any obstructions between the remote and the ride-on toy. Ensure the remote is within operating range.
- **No Power to Car:** Verify that the 12V battery is fully charged and properly connected to the control box. Check all wiring connections for looseness or damage.
- **Car Not Responding:** Confirm that the control box is securely installed and all wires are correctly connected as per the wiring diagram.
- **Socket Mismatch:** If the control box does not fit, re-verify that the 7-pin socket shape on the new control box matches your original unit. Not all controllers are universally interchangeable despite similar model numbers.

For further assistance, please contact JRRXM customer support.

9. SAFETY INFORMATION

Please observe the following safety guidelines:

- Always ensure the ride-on toy is powered by a 12V battery as specified. Using incorrect voltage can damage the control box and other components.
- Installation should be performed by an adult or under adult supervision.
- Keep the remote control in the hands of an adult to ensure safety and supervision during operation, especially for younger children.
- Regularly inspect all wiring and connections for wear or damage. Replace any damaged parts immediately.
- This product is intended for use with children's electric toy cars. Do not attempt to use it for other

applications.

10. WARRANTY AND SUPPORT

JRRXM is committed to providing reliable quality products. For any questions, concerns, or support needs regarding your control box, please refer to the contact information provided with your purchase or visit the official JRRXM store on Amazon. Please retain your proof of purchase for warranty claims.