

JR1927M-12V / JR1927M-Z 24V

Generic JR1927M-12V / JR1927M-Z 24V Central Control Switch User Manual

For Kids' Electric Cars

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Generic JR1927M-12V and JR1927M-Z 24V Central Control Switch for children's electric cars. This multi-functional unit integrates music playback, storytelling, power display, and speed adjustment capabilities, enhancing the user experience of the electric car.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Central Control Switch is a replacement part designed for various children's electric car models. It features an intuitive interface with clearly labeled buttons for various functions.



Figure 2.1: Front view of the JR1927M Central Control Switch, showing buttons for lamp, mode, speed, start/stop, music controls, and directional controls.



Figure 2.2: Different versions of the JR1927M Central Control Switch, highlighting potential variations in design or voltage (12V and 24V models).

2.1 Key Features:

- **Music Playing:** Integrated audio player for entertainment.

- **Storytelling:** Pre-loaded or expandable storytelling functions.
- **Power Display:** Digital display indicating battery level.
- **Speed Adjustment:** Controls for varying the electric car's speed (Fast/Slow).
- **Forward/Backward Functions:** Directional controls for driving.
- **Lamp Control:** Button to operate the car's lights.
- **USB Port:** For media input (e.g., USB flash drive for music).

3. INSTALLATION

Before beginning installation, ensure the electric car's power is completely off and the battery is disconnected. This central control switch is designed as a replacement part. Verify that the appearance and connector sockets of the new unit match your original part exactly to ensure compatibility.

3.1 Compatibility Check:

- Visually compare the new control switch with the original unit.
- Carefully examine the sockets and connectors on the back of the central control switch. They must be identical to your existing setup.
- Confirm the voltage (12V or 24V) of the new unit matches your electric car's system.

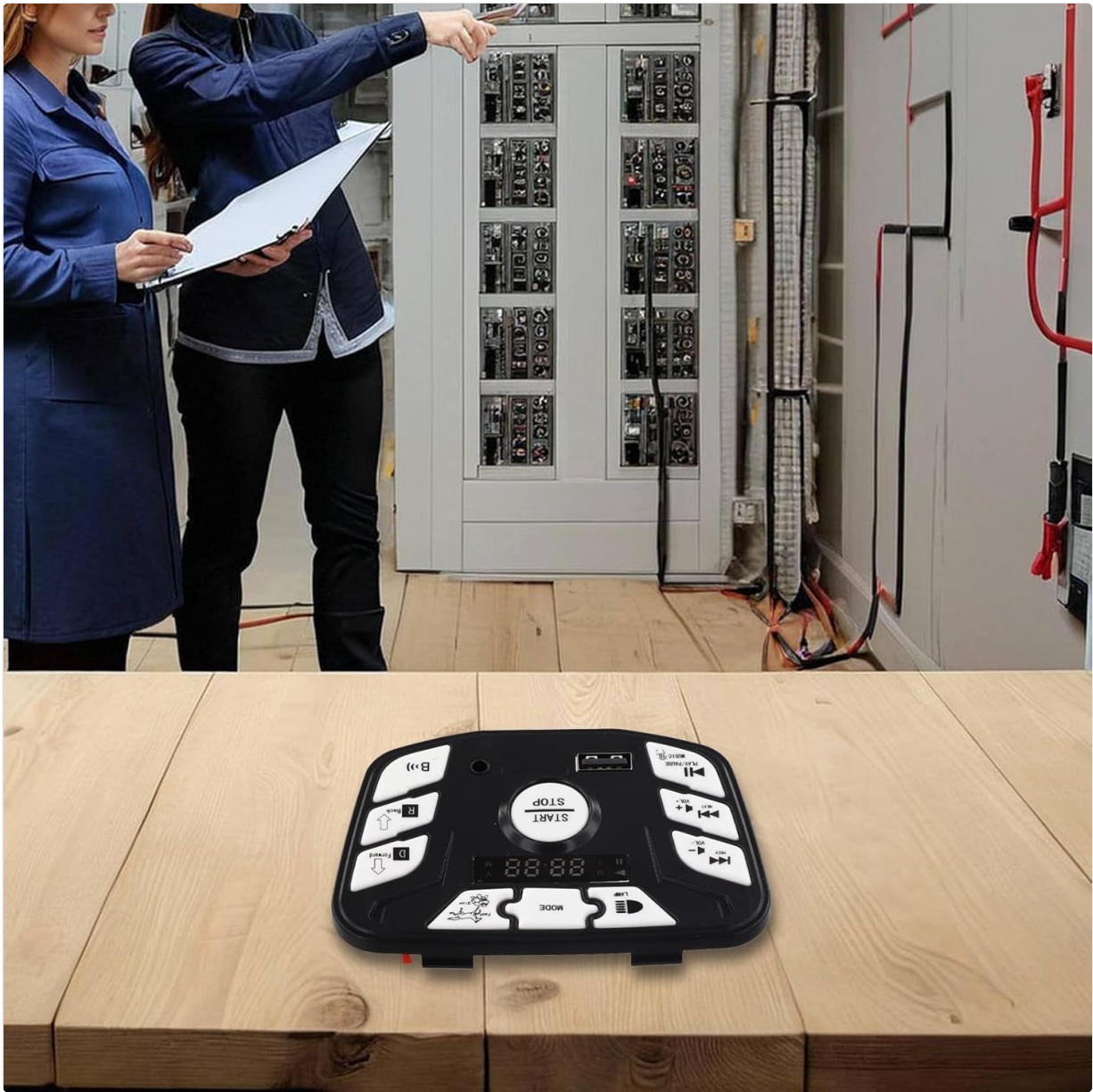


Figure 3.1: Detailed view of the control switch, showing the front panel and the internal circuit board with various connectors. Ensure these connectors match your vehicle's wiring.

Product details



Figure 3.2: Rear view of the circuit board, highlighting the various connection points and their layout. This view is crucial for verifying compatibility with existing wiring harnesses.

3.2 Installation Steps:

1. **Disconnect Power:** Ensure the electric car's battery is disconnected to prevent electrical shorts or damage.
2. **Remove Old Unit:** Carefully detach the old central control switch from its mounting location. Note the position and connection of all wires.
3. **Connect New Unit:** Connect the wiring harness from the electric car to the corresponding sockets on the new JR1927M control switch. Ensure all connections are secure and correctly oriented. Refer to Figure 3.1 and 3.2 for connector locations.
4. **Mount New Unit:** Securely place the new control switch into its designated slot in the electric car.
5. **Reconnect Power:** Reconnect the electric car's battery.
6. **Test Functionality:** Turn on the electric car and test all functions of the control switch (power, music, lights, speed, forward/backward) to ensure proper operation.

4. OPERATING INSTRUCTIONS

Once installed, the central control switch provides intuitive control over various functions of the electric car.



Figure 4.1: Front panel layout of the control switch, indicating the position of each button and its primary function.

4.1 Basic Controls:

- **START/STOP Button:** Press the central button to turn the electric car's power on or off.
- **LAMP Button:** Press to toggle the electric car's lights on or off.
- **MODE Button:** Cycles through different operational modes, such as music, storytelling, or radio (if available).
- **Speed Control (Fast/Slow):** Adjusts the driving speed of the electric car.
- **D (Forward) Button:** Engages forward drive.
- **R (Back) Button:** Engages reverse drive.

4.2 Media Playback:

- **PLAY/PAUSE MUSIC Button:** Starts or pauses audio playback.
- **PREV / VOL- Button:** Short press for previous track; long press to decrease volume.
- **NEXT / VOL+ Button:** Short press for next track; long press to increase volume.
- **USB Port:** Insert a USB flash drive containing MP3 audio files for playback. The system will automatically detect and play compatible files.

4.3 Power Display:

The integrated digital display shows the current battery voltage or charge level, allowing you to monitor the remaining power of the electric car.

5. MAINTENANCE

To ensure the longevity and optimal performance of your central control switch, follow these maintenance guidelines:

- **Cleaning:** Wipe the surface of the control switch with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the plastic and electronic components.
- **Moisture Protection:** Keep the unit dry. Exposure to water or excessive moisture can cause damage to the internal electronics.
- **Connection Check:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If the electric car is stored for an extended period, ensure the battery is disconnected, and the control switch is kept in a dry, temperate environment.

6. TROUBLESHOOTING

If you encounter issues with your central control switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	<ul style="list-style-type: none">◦ Battery disconnected or low charge.◦ Loose wiring connection.◦ Incorrect voltage unit (12V vs 24V).	<ul style="list-style-type: none">◦ Check battery connection and charge level.◦ Verify all wiring connections are secure.◦ Ensure the control switch voltage matches the car's system.
Music/audio not playing.	<ul style="list-style-type: none">◦ USB drive not inserted correctly.◦ Unsupported audio file format.◦ Volume set to minimum.	<ul style="list-style-type: none">◦ Reinsert USB drive.◦ Ensure files are in MP3 format.◦ Increase volume using VOL+ button.
Car does not move (forward/backward).	<ul style="list-style-type: none">◦ Loose motor connections.◦ Faulty directional button.	<ul style="list-style-type: none">◦ Check motor wiring.◦ If problem persists, professional inspection may be required.

If the issue persists after attempting these solutions, it is recommended to consult a qualified technician or contact the product supplier for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Numbers	JR1927M-12V, JR1927M-Z 24V

Feature	Detail
Part Name	Children's Electric Car Central Control Switch
Material	ABS Plastic, Metal Components
Dimensions (L x W x H)	Approximately 11 x 6 x 3 Centimetres
Item Weight	Approximately 39 Grams
Functions	Music playing, Storytelling, Power display, Speed adjustment, Forward/Backward, Lamp control
Connectivity	USB port for media input
Package Contents	1 x Children's Electric Car Central Control Switch

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's specific policies at the time of purchase. Keep your purchase receipt as proof of purchase.

If you require assistance with installation or troubleshooting beyond the scope of this manual, please contact the customer service department of your product supplier.