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› [JIARUIXIN](#) /

› [JIARUIXIN JR1956G 12V Control Board Instruction Manual](#)

## JIARUIXIN JR1956G 12V

### JIARUIXIN JR1956G 12V Control Board Instruction Manual

Model: JR1956G 12V

#### 1. INTRODUCTION

This manual provides instructions for the JIARUIXIN JR1956G 12V Multi-Function Control Board, a replacement part designed for children's electric vehicles. It covers essential information regarding installation, operation, and maintenance to ensure proper function and longevity of the product.

#### 2. PRODUCT OVERVIEW

The JR1956G 12V control board integrates various functions for children's ride-on cars, including music playback, storytelling, power display, and speed adjustment. It also features Bluetooth connectivity for external audio sources.



Figure 2.1: Front view of the JR1956G 12V control panel, showing the digital display, various control buttons, and input ports.

The control panel features an intuitive layout with clearly labeled buttons for easy operation by children and adults.

### 3. INSTALLATION

This control board is a replacement part. Careful installation is required.

### 3.1 Pre-Installation Checks

- **Compatibility:** Verify that the appearance and connector layout of this replacement board match your original control board. This board is designed for specific children's riding toys.
- **Voltage:** Ensure your electric vehicle operates on a 12V system. This control board requires a 12V power supply.
- **Battery Condition:** Confirm the vehicle's 12V battery is in good working condition and fully charged.
- **Safety First:** Always disconnect the vehicle's main power source (battery) before beginning any installation or wiring work.

## 3.2 Connecting the Board

The back of the control board features various connectors for speakers, power, motors (forward/reverse), and other accessories. Carefully match these connections to your vehicle's existing wiring harness. Refer to the diagram below for connector identification.

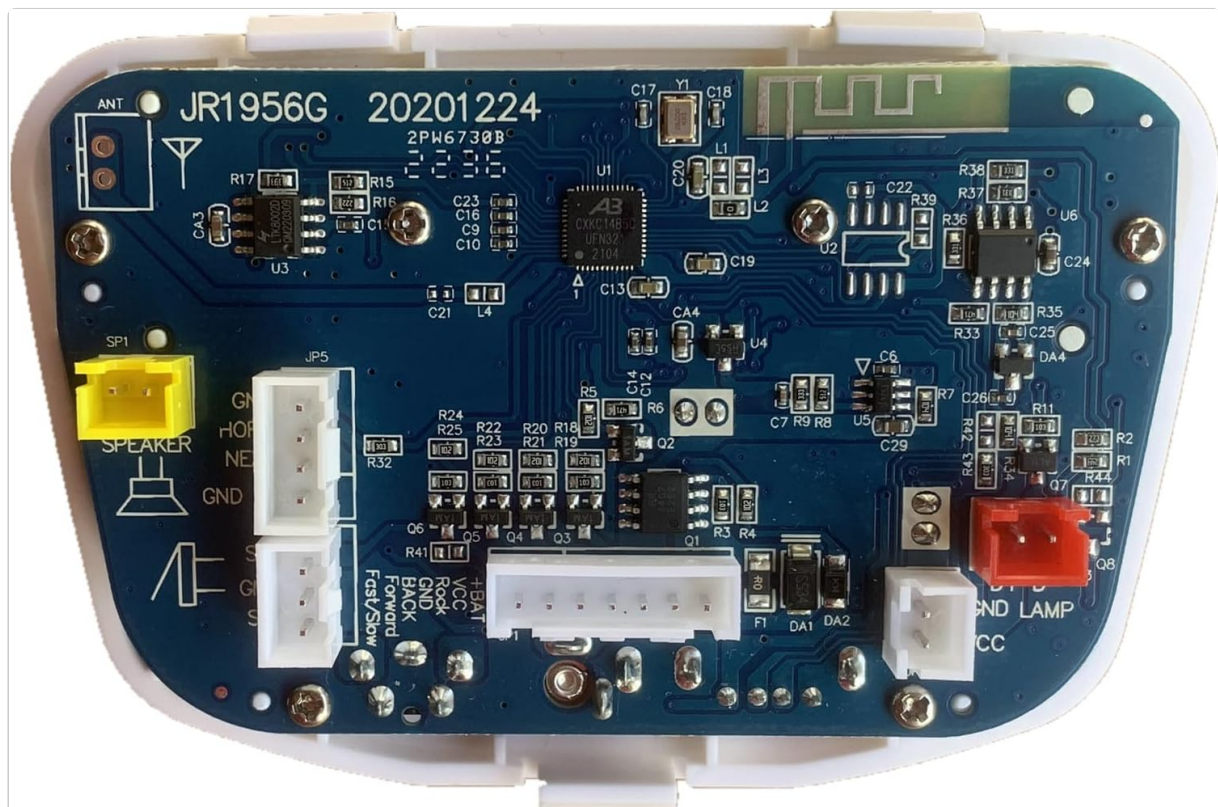


Figure 3.1: Back view of the JR1956G circuit board, showing connection points for speakers, power input, motor controls (Forward/Reverse), and other auxiliary functions.

Ensure all connections are secure and correctly polarized to prevent damage to the board or vehicle. Incorrect wiring can lead to malfunction or permanent damage.

## 4. OPERATION

Familiarize yourself with the control panel layout for optimal use.



Figure 4.1: Close-up of the JR1956G control panel, highlighting the 'Horn' button and other operational controls.

#### 4.1 Control Panel Functions

Button/Port	Function
<b>START/STOP / LAMP</b>	Press to power the unit on or off. A short press may also control vehicle lights.
<b>Fast/Slow</b>	Switches between different speed modes (e.g., high/low speed).
<b>MODE (B/U)</b>	Switches between Bluetooth (B) and USB (U) input modes.
<b>Play/Pause (II/⏵)</b>	Plays or pauses audio playback.
<b>Previous Track (K&lt; -)</b>	Skips to the previous audio track.
<b>Next Track (&gt;+ )</b>	Skips to the next audio track.
<b>Forward (D)</b>	Selects the forward driving direction.
<b>Back (R)</b>	Selects the reverse driving direction.
<b>Horn</b>	Activates the vehicle's horn sound.
<b>USB Port (U)</b>	Insert a USB drive for audio playback.
<b>Charging Port</b>	Connect the vehicle's charger here.
<b>MIC Port</b>	Connect a microphone for voice functions (if supported by the vehicle).

#### 4.2 Bluetooth Connection

1. Ensure the control board is powered on.
2. Press the **MODE** button until 'B' or 'Bluetooth' is indicated on the display.
3. On your external audio device (e.g., smartphone), search for available Bluetooth devices.
4. Select the device named 'JR1956G' or similar to pair.

5. Once paired, you can play audio from your device through the vehicle's speakers.

## 5. MAINTENANCE

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- **Cleaning:** Keep the control board clean and dry. Use a soft, dry cloth to wipe the surface. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the control board in a cool, dry place, away from direct sunlight, moisture, and extreme temperatures.
- **Battery Check:** Regularly inspect the vehicle's 12V battery and its connections to ensure it is functioning correctly and providing stable power.
- **Professional Service:** Do not attempt to open or repair the internal components of the control board unless you are a qualified technician. Unauthorized repairs may void any potential warranty.

## 6. TROUBLESHOOTING

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If you encounter issues with your JR1956G control board, refer to the following common troubleshooting steps:

- **Unit Not Powering On:**
  - Ensure the vehicle's main power switch is in the 'ON' position.
  - Verify the 12V battery is charged and properly connected to the vehicle's system and the control board.
  - Check all wiring connections to the control board for looseness or damage.
- **Functions Not Responding:**
  - Confirm the unit is powered on and the display is active.
  - Check for any loose connections to the specific components (e.g., speakers, motors).
  - If issues persist after checking connections and power, a component may be faulty.
- **No Audio from USB/Bluetooth:**
  - Ensure the correct **MODE** (USB or Bluetooth) is selected.
  - For Bluetooth, confirm successful pairing with your device.
  - For USB, ensure the USB drive is properly inserted and contains compatible audio files.
  - Check speaker connections.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified technician or contact customer support.

## 7. SAFETY INFORMATION

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- For external use only.
- Keep away from naked flame or direct heat sources.
- Ensure proper voltage (12V) is used to prevent damage to the control board or the electric vehicle, and to avoid potential injury.
- Installation and maintenance should be performed by an adult or under strict adult supervision.
- Do not expose the control board to water or other liquids.

## 8. SPECIFICATIONS

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Feature	Detail
Item Model Number	JR1956G 12V
Product Dimensions	4 x 2.7 x 1 inches
Item Weight	1.92 ounces
Manufacturer	JIARUIXIN
Recommended Age	12 years and up (for installation/handling)
Batteries Required	1 x 12V battery (for vehicle operation)
Included Components	Plastics, chips, electronic components

## 9. WARRANTY AND SUPPORT

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For warranty information, technical assistance, or customer support, please contact the seller or manufacturer directly through your purchase platform. Keep your purchase receipt or order number readily available for reference.