

SUNGOOYUE 90dB RC Car Trumpet Speaker

SUNGOOYUE 90dB RC Car Trumpet Speaker User Manual

For 1/8 and 1/10 Scale Remote Control Vehicles

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SUNGOOYUE 90dB RC Car Trumpet Speaker. This device is designed to enhance the realism of 1/8 and 1/10 scale remote control vehicles by adding various sound effects. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

- Ensure the power supply voltage is within the specified range of 5-8V. Exceeding this voltage may damage the speaker.
- Keep the speaker away from water and moisture to prevent electrical short circuits.
- Handle electronic components with care to avoid damage.
- This product is intended for hobby use with remote control vehicles. Do not use for other purposes.

3. PACKAGE CONTENTS

Verify that all items are present upon unboxing:

- 1 x SUNGOOYUE RC Car Speaker

4. SPECIFICATIONS

Feature	Specification
Item Type	RC Mini Speaker
Material	Electronic Components
Horn Diameter	Approx. 30mm / 1.18in

Working Voltage	5-8V
Power	0.5W
Sound Pressure	90dB
Control Method	Manual, Remote Control
Sound Mode	Short press for whistle, long press for police car/fire truck/ambulance sound cycle
Applicable Scale	1/8 and 1/10 Remote Control Cars (Universal)

5. SETUP AND INSTALLATION

Follow these steps to install the RC Car Trumpet Speaker into your vehicle:

- 1. Identify Mounting Location:** Choose a suitable location within your 1/8 or 1/10 scale RC vehicle where the speaker can be securely mounted and its sound is not obstructed. Ensure there is enough space for the speaker (approx. 30mm diameter) and its wiring.
- 2. Connect to Receiver:** The speaker connects to an available channel on your RC receiver. The speaker unit has a standard servo-style connector. Plug this connector into an unused channel on your RC receiver. Ensure the polarity is correct (typically signal, positive, negative).
- 3. Power Supply:** The speaker operates on a voltage range of 5-8V, typically supplied directly from the RC receiver. Confirm your receiver provides power within this range.
- 4. Secure Wiring:** Route the speaker wires carefully, ensuring they do not interfere with moving parts of the RC vehicle (e.g., gears, suspension, steering). Use cable ties or tape to secure the wires.
- 5. Test Functionality:** Before fully reassembling your RC vehicle, perform a functional test as described in the 'Operating Instructions' section.



Image: The SUNGOOYUE RC Car Trumpet Speaker showing its compact design and standard servo-style connector for easy integration into an RC vehicle's receiver.



Image: A top-down view of the SUNGOOYUE RC Car Trumpet Speaker, highlighting the speaker grille and connected wires, ready for installation.

6. OPERATING INSTRUCTIONS

The SUNGOOYUE RC Car Trumpet Speaker offers multiple sound modes controlled either manually or via your remote control.

6.1. Sound Modes

- **Whistle Sound:** A short press on the assigned control (either a button on the manual control unit or a specific channel input from your remote) will activate a whistle sound.
- **Emergency Vehicle Sound Cycle:** A long press on the assigned control will initiate a cycle through police car, fire truck, and ambulance siren sounds. The cycle will continue as long as the control is held, or until a short press interrupts it.



Image: The RC Car Trumpet Speaker with an overlay explaining the sound activation methods: short press for whistle,

long press for cycling through emergency vehicle sounds.

6.2. Remote Control Operation

If connected to an RC receiver channel, the sound modes are typically triggered by a switch or button on your remote control transmitter that corresponds to the connected receiver channel. Consult your RC transmitter's manual for assigning and operating auxiliary channels.

7. MAINTENANCE

To ensure optimal performance and longevity of your speaker:

- **Cleaning:** Gently wipe the speaker and wires with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the speaker in a dry, cool environment away from direct sunlight and extreme temperatures when not in use.
- **Inspection:** Periodically check wires for any signs of wear, fraying, or damage. Ensure connections remain secure.

8. TROUBLESHOOTING

If you encounter issues with your SUNGOOYUE RC Car Trumpet Speaker, refer to the following common problems and solutions:

- **No Sound:**
 - Check all wiring connections to ensure they are secure and correctly plugged into the RC receiver.
 - Verify that the RC receiver is powered on and receiving power within the 5-8V range.
 - Confirm the assigned channel on your remote control is functioning correctly and sending the appropriate signal.
 - Ensure the speaker itself is not physically damaged.
- **Sound is Distorted or Weak:**
 - Check the power supply to ensure it is stable and within the 5-8V range. Low voltage can affect sound quality.
 - Ensure the speaker is not obstructed by other components in the RC vehicle.
 - Inspect the speaker cone for any physical damage.
- **Cannot Cycle Through Sounds:**
 - Ensure you are performing a **long press** for the emergency vehicle sound cycle, and a **short press** for the whistle.
 - Verify that the remote control input is consistent and not intermittent.

9. WARRANTY AND SUPPORT

SUNGOOYUE products are manufactured with quality in mind. While specific warranty details are not provided in this manual, please retain your proof of purchase. For any technical support, warranty claims, or inquiries, please contact your retailer or the SUNGOOYUE customer service department through the contact information provided at the point of purchase or on the official SUNGOOYUE website.

