

## STASRC GT Power Container Truck Lighting and Voice Vibration System

# STASRC GT Power Container Truck Lighting and Voice Vibration System Instruction Manual

Brand: STASRC | Model: GT Power Container Truck Lighting and Voice Vibration System

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your STASRC GT Power Container Truck Lighting and Voice Vibration System. This system is designed to enhance the realism of 1/14 scale RC trucks, including models such as Tamiya Scania R470, R620, and Volvo FH16, by simulating realistic lighting, engine sounds, and vibration effects.

## 2. WHAT'S IN THE BOX

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The GT Power Container Truck Lighting and Voice Vibration System package includes the following components:

- GT Power Lighting and Voice Vibration System (Main Control Unit)
- Speaker Unit
- Vibration Motor with Mounting Bracket
- LED Light Set (various colors and sizes)
- Connection Cables and Accessories
- Instruction Manual



Image: Overview of all included components.



Image: Detailed view of components including dimensions for the voice box, vibration motor, and control

board.

### 3. SETUP AND INSTALLATION

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Careful installation is crucial for optimal performance. Follow these steps to set up your system:

#### 3.1 Identify Components

- **Main Control Unit:** This unit manages all lighting, sound, and vibration functions.
- **Speaker:** Connects to the main control unit for sound output.
- **Vibration Motor:** Connects to the main control unit to provide vibration effects.
- **LED Lights:** Various lights for headlights, taillights, turn signals, etc.



*Image: The speaker unit, responsible for producing engine sounds and other audio effects.*



*Image: The vibration motor, designed to simulate engine rumble and other physical feedback.*



Image: Various LED lights and their corresponding wiring for different lighting functions.

### 3.2 Wiring Diagram

Refer to the following diagram for proper connection of all components to the main control unit. Ensure all connections are secure and correctly oriented to prevent damage.



Image: Wiring diagram illustrating how to connect the speaker, vibration motor, and various lights to the main control unit.

### 3.3 General Installation Steps

1. Mount the main control unit, speaker, and vibration motor securely within your RC truck chassis using

appropriate fasteners or double-sided tape.

2. Connect the speaker and vibration motor to their designated ports on the main control unit.
3. Install the LED lights in their respective positions (headlights, taillights, turn signals, etc.) on the truck body.
4. Connect each LED light's cable to the corresponding port on the main control unit.
5. Connect the main control unit to your RC receiver and power source as per the wiring diagram.

### 3.4 Visual Installation Guide

Your browser does not support the video tag.

*Video: A demonstration of the GT Power Container Truck Lighting and Voice Vibration System, showing component overview and basic connections.*

## 4. OPERATING INSTRUCTIONS

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Once installed, the system can be operated via your RC transmitter. The main control unit interprets signals from your receiver to activate various lighting, sound, and vibration effects.

### 4.1 Lighting Modes

The system offers multiple lighting modes for different scenarios. These modes are typically controlled via auxiliary channels on your RC transmitter. Refer to the main control unit's diagram for specific channel assignments.

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*Video: Demonstration of various LED lighting modes, including flashing patterns for different vehicle functions.*

### 4.2 Sound and Vibration Effects

The system provides realistic engine sounds and vibration feedback synchronized with throttle input and other controls. Different sound profiles may be available, often selectable via a dedicated switch on your transmitter.

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*Video: A demonstration of an RC car motor sound simulator, showcasing engine sounds and their responsiveness to throttle input.*

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*Video: Another example of an RC car engine sound effect simulator in action, highlighting various engine noises.*

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your GT Power system, consider the following maintenance tips:

- Regularly inspect all wiring and connections for any signs of wear, fraying, or looseness.
- Keep the main control unit, speaker, and vibration motor free from dust, dirt, and moisture. Use a soft, dry cloth for cleaning.
- Avoid exposing the system to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the vibration motor is securely mounted to prevent excessive movement or damage during operation.

## 6. TROUBLESHOOTING

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If you encounter issues with your system, try the following basic troubleshooting steps:

- **No Power:** Check all power connections, ensure the battery is charged, and verify the main control unit is receiving power.
- **No Sound/Vibration:** Confirm the speaker and vibration motor are correctly plugged into the main control unit. Check the volume settings if adjustable.
- **Lights Not Working:** Inspect individual LED connections and ensure they are not damaged. Verify the correct channel is selected on your transmitter for lighting functions.
- **Intermittent Operation:** Check for loose connections or interference from other electronic components.

If problems persist, consult the manufacturer's support resources or contact customer service.

## 7. SPECIFICATIONS

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Feature	Detail
Product Dimensions	5.5 x 5.12 x 2.36 inches
Item Weight	1.04 pounds
Manufacturer	GT Power
Recommended Age	18 years and up

## 8. SAFETY INFORMATION

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No specific warning applicable beyond general RC hobby safety guidelines. Always operate RC vehicles responsibly and in accordance with local regulations. Keep small parts away from children.

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the contact details provided by your retailer or the manufacturer's official website. Keep your purchase receipt as proof of purchase.