BANVIE EST004

BANVIE 1-Way Car Alarm System with Remote Start - Model EST004 User Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BANVIE 1-Way Car Alarm System with Remote Start, Model EST004. This system is designed to enhance vehicle security and convenience with features such as remote engine start, keyless entry, and various alarm functions. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Product Features

- **1-Way Communication:** Reliable security and control.
- **Remote Engine Start/Stop:** Start or stop your vehicle's engine remotely, allowing for pre-cooling or pre-heating of the cabin.
- **Keyless Entry:** Convenient remote locking and unlocking of vehicle doors.
- **Shock Sensor Alarm:** Detects impacts or disturbances to the vehicle.
- **Microwave Sensor Alarm:** Detects proximity or movement around the vehicle (if installed).
- **Central Door Locking Automation:** Integrates with your car's existing central locking system (if applicable).
- **Window Rolling Up Automation:** Can close power windows automatically (requires original window closer module).
- **Trunk Release:** Remote opening of the vehicle's trunk.
- **Anti-Hijacking Function:** Enhances security against vehicle theft.
- **Door Lock Reminding:** Alerts if doors are not properly secured.
- **Code Learning:** Allows for programming new remote controllers.
- **Engine Immobilization:** An extra engine cut-off relay immobilizes the engine during an alarm state.

Package Contents

Verify that all components are present in your package:

- Main Control Unit
- Two (2) 5-Button Remote Controllers
- Shock Sensor
- Siren
- Wiring Harnesses
- LED Indicator
- Relays and other necessary installation accessories



Image: BANVIE Main Control Unit. This is the central processing unit for the alarm system, managing all functions.



Image: Two 5-Button Remote Controllers. These remotes are used to operate the system's functions such as arming, disarming, and remote start.



Image: BANVIE Shock Sensor. This sensor detects impacts to the vehicle and triggers the alarm.

Setup and Installation

Professional installation is highly recommended for this car alarm system due to the complexity of vehicle electrical systems. Incorrect installation can lead to damage to the vehicle or the alarm system.

Important Considerations:

- **Bypass Module:** For vehicles equipped with a chip key (immobilizer system), an additional bypass module (e.g., ASIN: B075TH5B91) is required to enable the remote start function. This module is not included with the alarm

system.

- **Central Locking:** The system supports both electrical and pneumatic central locking systems. Ensure proper wiring for your vehicle type.
- **Window Closer:** Window rolling up automation requires your car to have an original window closer module.

Wiring Diagrams:

Refer to the detailed wiring diagrams below for correct connections. All connections must be secure and properly insulated.

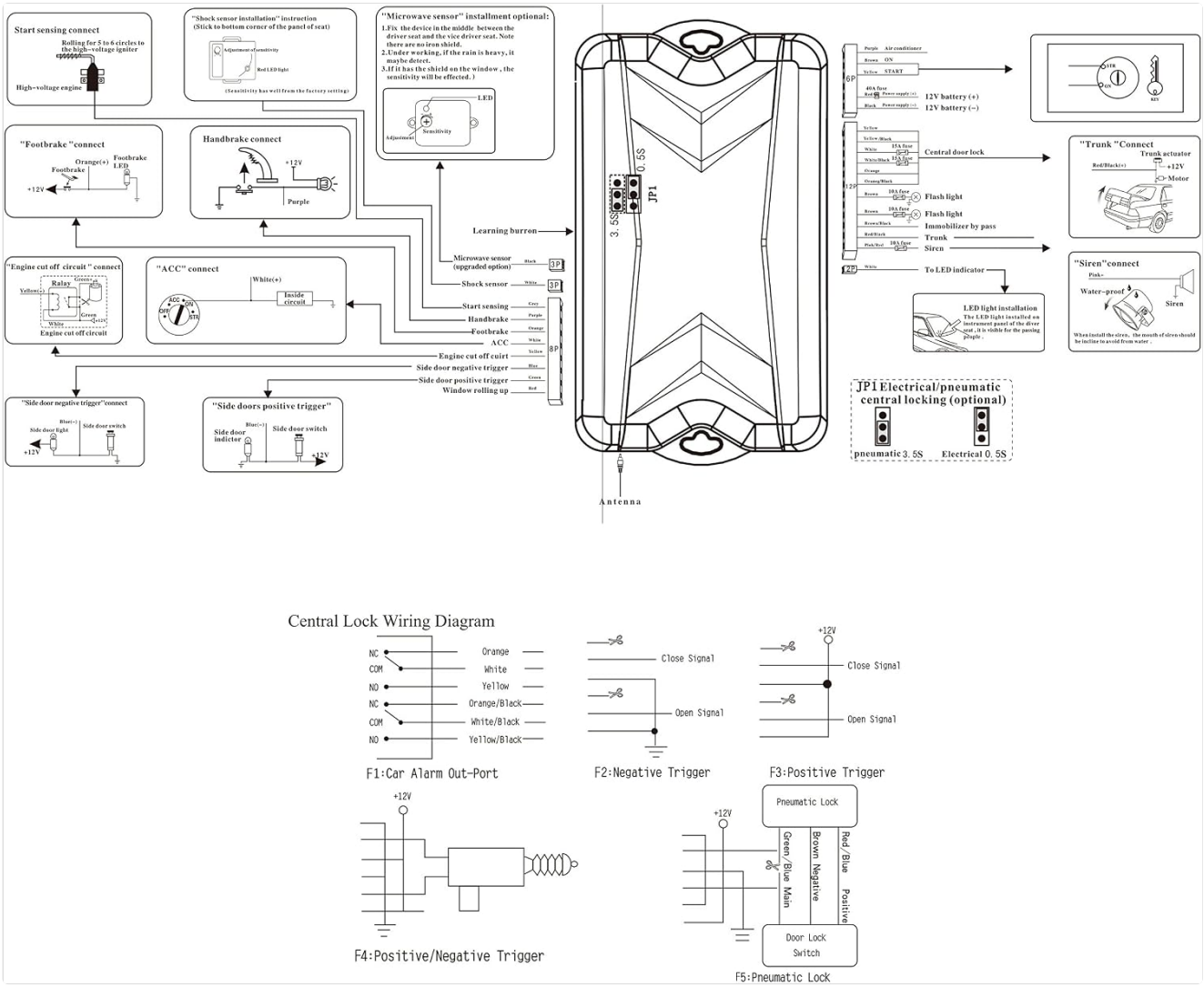


Image: BANVIE Car Alarm System Wiring Diagrams. This image displays the comprehensive wiring schematics for connecting the main control unit, sensors, and vehicle electrical systems.

Operating Instructions

The system is operated using the two 5-button remote controllers. Familiarize yourself with the button functions:

Remote Controller Functions:

- **Lock Button:** Press once to arm the system and lock the doors. The siren will chirp once, and parking lights will flash.
- **Unlock Button:** Press once to disarm the system and unlock the doors. The siren will chirp twice, and parking lights will flash.
- **Remote Start Button:** Press and hold to initiate remote engine start. The engine will start, and the climate control

system can begin pre-conditioning the cabin.

- **Trunk Release Button:** Press and hold to open the vehicle's trunk.
- **Mute/Silent Arm Button:** Press to arm the system silently (without siren chirps).
- **Car Locating Button:** Press to make the vehicle chirp and flash lights, helping you locate it in a parking lot.



Image: Remote Engine Start for Climate Control. This illustrates the benefit of remote start for pre-cooling in summer or pre-heating in winter.



Image: Security Features Overview. This graphic depicts various security functions including door locking/unlocking, alarm activation, trunk release, and door open detection.

Additional Functions:

- **Anti-Hijacking:** This feature can be activated to secure the vehicle in a hijacking situation. Consult the wiring diagram for specific activation methods.
- **ACC ON Triggered:** The system can be configured to respond to the ignition (ACC ON) status.
- **Code Learning:** To program new remote controllers or re-program existing ones, follow the specific code learning procedure outlined in the detailed installation guide provided with the product.

Maintenance

The BANVIE car alarm system is designed for reliable operation with minimal maintenance. Follow these guidelines:

- **Remote Battery Replacement:** Replace remote controller batteries when the range decreases or buttons become unresponsive. Use the specified battery type.
- **System Cleaning:** Keep the main control unit and sensors free from excessive dust or moisture. Do not use harsh chemicals for cleaning.
- **Wiring Inspection:** Periodically check wiring connections for any signs of wear, corrosion, or looseness, especially after vehicle maintenance.

Troubleshooting

If you encounter issues with your BANVIE car alarm system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
System does not respond to remote.	Dead remote battery; remote out of range; system fuse blown.	Replace remote battery; move closer to vehicle; check system fuses.
Alarm triggers unexpectedly.	Shock sensor sensitivity too high; faulty sensor; loose wiring.	Adjust shock sensor sensitivity; inspect sensor and wiring; consult installer.
Remote start fails.	Vehicle not in neutral/park; hood open; bypass module issue (for chip keys).	Ensure vehicle is properly prepared; check hood pin switch; verify bypass module installation.
Doors do not lock/unlock.	Wiring issue to central locking; faulty actuator; system fuse.	Check wiring connections; inspect door lock actuators; check system fuses.

If problems persist after attempting these solutions, please contact a qualified automotive electronics technician or BANVIE customer support for assistance.

Specifications

Specification	Detail
Brand	BANVIE
Model Number	EST004
UPC	721047023462
ASIN	B07GQS56XT
System Type	1-Way Car Alarm with Remote Start
Remote Controllers	Two (2) 5-Button Remotes
Siren Output	6-tone siren horn

Specification	Detail
Sensors Included	Shock Sensor (Microwave sensor optional/additional)

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official BANVIE website. Keep your proof of purchase for warranty claims.

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Example: How do I reset this device or fix this error?

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