BANVIE Universal Car Security Alarm System

BANVIE Universal Car Security Alarm System User Manual

Model: B08K7HG8SV

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BANVIE Universal Car Security Alarm System. This system is designed to enhance vehicle security with features such as remote arming/disarming, shock sensor detection, central locking automation, and anti-hijacking capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Product Features

- Arm/Lock functionality
- Disarm/Unlock functionality
- Silent arm mode
- LED indicator for status
- Shock sensor for impact detection
- Engine immobilization
- Hood detection function
- Emergency disarm
- Power-off memory
- Door unclosed warning
- Automatic re-arming (optional)
- Central locking automation
- Anti-hijacking protection
- Valet mode
- Code learning for remote transmitters

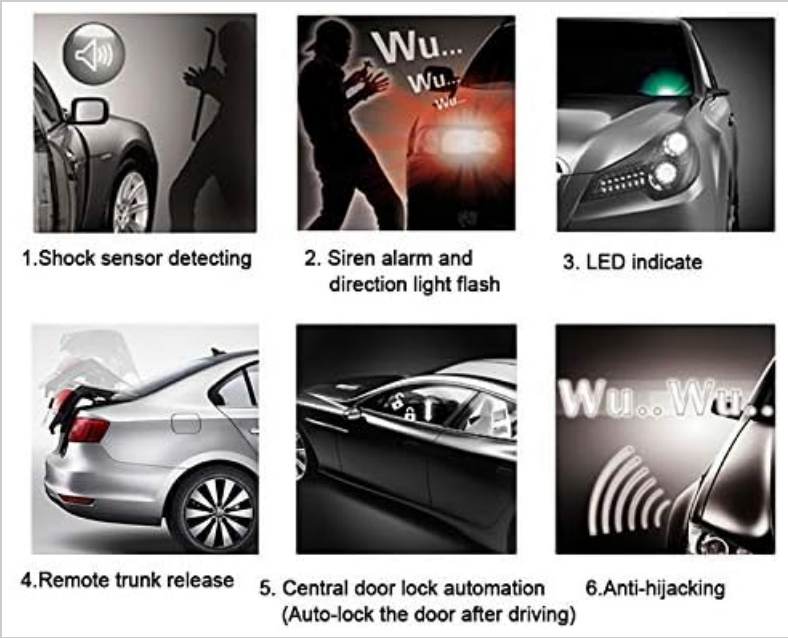


Image: Visual representation of the system's key features in action.

Setup and Installation

Installation of this car security system requires technical knowledge of vehicle electrical systems. Professional installation is highly recommended to ensure correct wiring and optimal performance. Incorrect installation can lead to system malfunction or damage to your vehicle.

Main Unit Components



Image: The main control unit of the BANVIE car alarm system, showing its compact design and connection ports.

The main unit is the central control module for the alarm system. Ensure it is mounted securely in a hidden, dry location within the vehicle, away from direct heat or moisture.

Remote Transmitters



Image: A compact remote control for the alarm system, with dimensions indicated.

The system includes two remote transmitters for convenient control. Keep them secure and away from unauthorized access.

Siren Installation



Image: The 6-tone siren, designed to produce loud alarm sounds.

Mount the siren in the engine bay, facing downwards to prevent water accumulation, and away from excessive heat. Ensure it is securely fastened and its wiring is protected.

Wiring Diagram

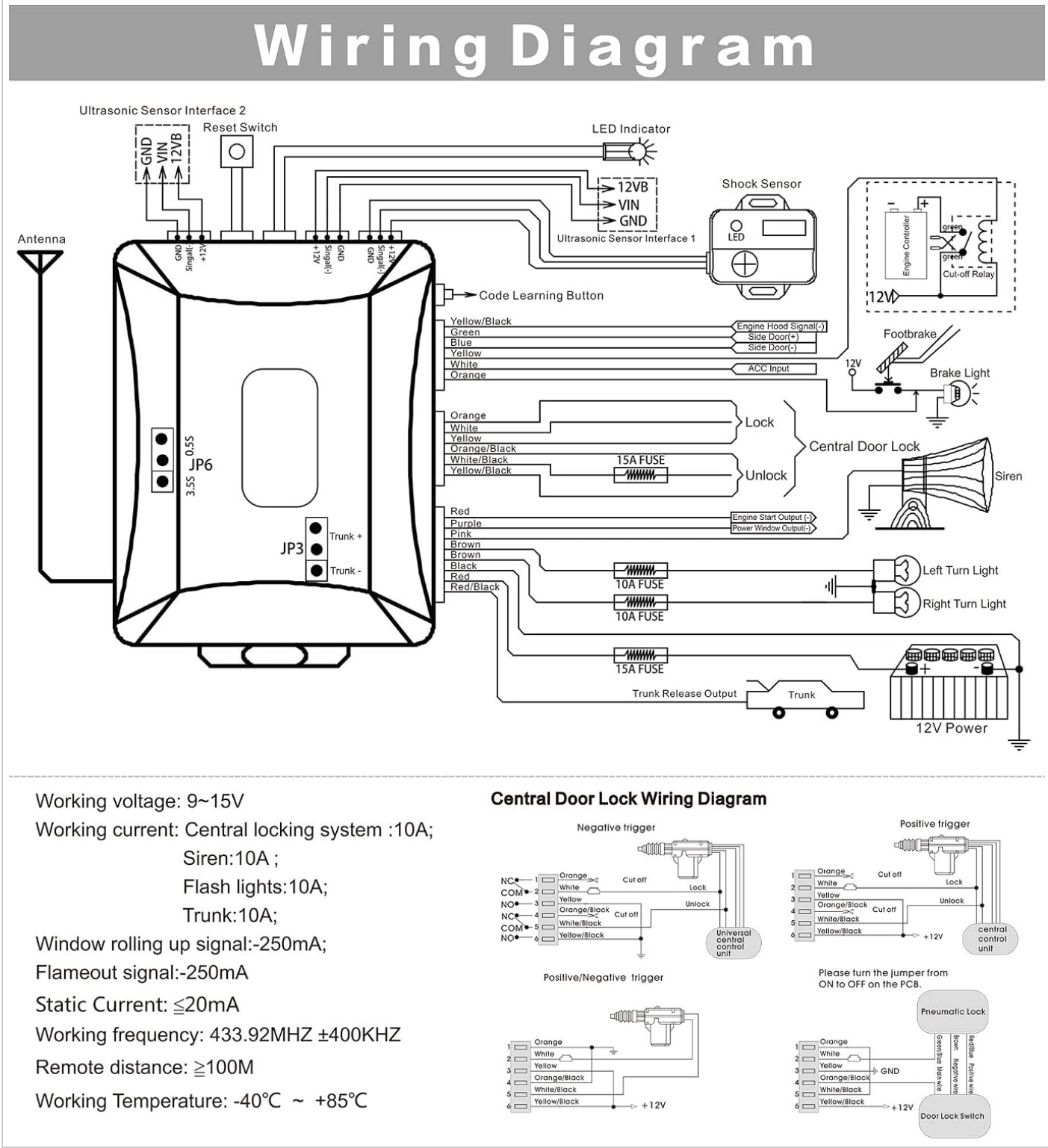


Image: Comprehensive wiring diagram illustrating all necessary connections for the alarm system.

Refer to the provided wiring diagram for all electrical connections. Pay close attention to power, ground, ignition (ACC), door triggers, trunk trigger, hood trigger, central locking wires, and siren connections. Ensure all connections are secure and properly insulated.

- **Power Connection:** Connect the main power wire to a constant 12V source.
- **Ground Connection:** Securely connect the ground wire to the vehicle's chassis.
- **Ignition (ACC) Wire:** Connect to a wire that receives 12V when the ignition is ON.
- **Door Trigger Wires:** Connect to the vehicle's door pin switches (positive or negative trigger, depending on the vehicle).
- **Central Locking Wires:** Connect to the vehicle's central door lock system. This may require identifying positive or negative trigger wires or motor wires.

- **Siren Wire:** Connect to the siren.
- **Turn Signal Wires:** Connect to the vehicle's left and right turn signal wires for visual confirmation.
- **Shock Sensor:** Connect the shock sensor to the main unit. Adjust sensitivity as needed after installation.

Operating Instructions

Arming/Locking the System

Press the **lock button** once on the remote transmitter. The siren will chirp once, and the vehicle's flash lights will gleam once. The central door locking system will engage automatically. If a window closer module is installed, power windows will roll up within 30 seconds. After 8 seconds, the LED indicator will flash, signifying the system is armed. In this state, the shock sensor, door, hood, and ACC (ignition) inputs are actively monitored.

Disarming/Unlocking the System

Press the **unlock button** once on the remote transmitter. The siren will chirp twice, and the flash lights will gleam twice. The central door locking system will unlock, and the alarm system will disarm.

Silent Arm Mode

To arm the system silently, press the **silent arm button** (often represented by a speaker icon or similar) once. The flash lights will gleam once, and the central door locking system will lock, but the siren will not chirp. The system will enter arm status silently.

Alarming Door/Hood/Engine Protection

When the system is armed, if a car door or the hood is opened by force, or if the engine is started without disarming, the system will trigger an alarm. The siren will emit a loud 6-tone sound, flash lights will gleam, and the car engine will be cut off (immobilized). The alarm will sound for 60 seconds, then automatically stop and return to the armed state.

Central Door Locking System Automation

- **Auto-Lock:** After closing all doors, switch the key to the ACC/ON position. Press the footbrake after 5 seconds, and the doors will lock automatically.
- **Auto-Unlock:** When getting off the car, remove the key from the ignition, and the doors will unlock automatically.

Door Unclosed Reminding

Before driving, if any door is not properly closed and the key is switched to the ACC/ON position, the vehicle's flash lights will continuously gleam. This serves as a warning to the driver and other road users until the door is securely closed.

Anti-Hijacking Function

While the car is moving, press the **silent button** once; the flash lights will gleam quickly. Then, press the **lock button** two times again to activate anti-hijacking status. The flash lights will gleam urgently, and the siren will chirp. After 40 seconds, the engine will be cut off. To exit anti-hijacking status, the reset button must be pressed.

Automatic Re-Arming (Optional)

If the system is disarmed but a door is not opened within 30 seconds, the system will automatically re-enter the armed status. This feature helps prevent accidental disarming.

Valet Mode

Valet mode allows you to temporarily disable the alarm functions while the vehicle is being serviced or parked by a valet. Consult the full wiring diagram or a professional installer for specific instructions on activating and deactivating valet mode, as it typically involves a hidden switch or a specific sequence of actions.

Code Learning

The system supports code learning for new or replacement remote transmitters. Refer to the detailed wiring diagram for the location of the code learning button (often labeled "Code Learning" or "Learn Button") on the main unit. The general procedure involves pressing this button and then pressing a button on the new remote to pair it with the system.

Maintenance

- **Remote Battery Replacement:** If the remote control range decreases or the LED indicator on the remote does not light up, replace the battery. Refer to the remote's design for battery type and replacement procedure.
- **System Check:** Periodically test the alarm system's functions (arming, disarming, shock sensor, door triggers) to ensure proper operation.
- **Wiring Inspection:** If you experience issues, a professional can inspect the wiring connections for any loose or corroded terminals.
- **Cleaning:** Keep the main unit and sensors free from dust and moisture. Do not use harsh chemicals for cleaning.

Troubleshooting

Problem	Possible Cause	Solution
System does not arm/disarm	Remote battery low/dead; remote out of range; faulty wiring connection.	Replace remote battery; move closer to the vehicle; check wiring connections (professional assistance recommended).
Siren does not sound during alarm	Siren wire disconnected; faulty siren; system in silent arm mode.	Check siren wiring; replace siren if faulty; ensure system is not in silent arm mode.
False alarms	Shock sensor sensitivity too high; faulty door/hood trigger.	Adjust shock sensor sensitivity (usually a dial on the sensor); inspect door/hood trigger switches and wiring.
Central locking not working	Incorrect central lock wiring; faulty door lock actuators.	Verify central lock wiring against vehicle's diagram; check door lock actuators.
Engine not cutting off during anti-hijacking	Engine immobilizer wiring incorrect or not connected.	Review and correct engine immobilizer wiring.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to consult a professional car alarm installer.

Specifications

Parameter	Value
Working Voltage	9-15V
Output Current (Central Door Lock)	10A

Parameter	Value
Output Current (Siren)	10A
Output Current (Turn Light)	10A
Output Current (Trunk)	10A
Output Current (Power Window)	-250mA
Working Frequency	433.92MHz ±400KHz
Standby Current (Disarm Status)	≤12mA
Standby Current (Arm Status)	≤20mA
Remote Controlled Distance	≥100m
Siren Volume	110-125dB
Working Temperature	-40°C to +85°C
Brand	BANVIE
Compatible Devices	Cars
UPC	727523075499
ASIN	B08K7HG8SV

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product packaging or contact BANVIE customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.
Manufacturer: BANVIE

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