

BANVIE 806-DF-NS

BANVIE Car Keyless Entry Security Alarm System

MODEL: 806-DF-NS - USER MANUAL

1. Product Overview

The BANVIE Car Keyless Entry Security Alarm System provides enhanced vehicle security and convenience features. This system integrates keyless entry, remote engine start, push-to-start ignition, and an anti-theft alarm. This manual details the installation, operation, and maintenance of your system.

Key Features:

- **Keyless Entry:** Remote control for locking and unlocking doors, and trunk release.
- **Remote Engine Start/Stop:** Start or stop your vehicle's engine remotely, ideal for pre-cooling or pre-heating the interior.
- **Push Button Start/Stop:** Replaces traditional key ignition with a convenient push-button operation.
- **Anti-Theft Alarm:** Alerts to unauthorized entry or vehicle shock. This specific kit is supplied without a dedicated siren, but can utilize the vehicle's horn or an optional external siren.
- **Central Door Locking Automation:** Automatically locks doors.
- **Emergency Override:** Provides a method to disarm the system in emergencies.
- **Automatic Engine Cut-off:** If remote started, the engine will cut off after 15 minutes if the foot brake pedal is not pressed.
- **Push Button Auto-lock:** The push button automatically locks 30 seconds after the engine stops to prevent unauthorized use.



Image 1.1: Overview of the BANVIE Car Keyless Entry Security Alarm System components, including the main control unit, wiring harnesses, push-start button, and two remote controls.

2. Setup and Installation

Important: Professional installation by a qualified technician is highly recommended for this product. Incorrect installation can lead to vehicle damage or system malfunction.

2.1 Pre-Installation Considerations

- **Immobilizer Bypass Module:** If your vehicle is equipped with a factory immobilizer (chip keys), an immobilizer bypass module (sold separately, e.g., ASIN: B075TH5B91) is required for the remote engine start function to operate correctly.
- **Bypass Method:** Some installers may have methods to bypass the chip without a dedicated module; consult your professional installer.
- **Siren Connection:** This kit does not include a siren. The alarm output can be connected to your vehicle's existing horn or an optional external siren.

2.2 Wiring Diagram

Refer to the detailed wiring diagram provided with your product packaging. This diagram is crucial for correct component connection. Ensure all connections are secure and insulated to prevent short circuits.

2.3 Code Learning

The system supports code learning for remote controls. Follow the specific instructions in the included wiring diagram or consult your installer for the procedure to pair new or replacement remote controls.

3. Operating Instructions

3.1 Keyless Entry Functions

- **Arm/Lock:** Press the lock button on the remote control once to arm the system and lock the vehicle doors.
- **Disarm/Unlock:** Press the unlock button on the remote control once to disarm the system and unlock the vehicle doors.
- **Remote Trunk Release:** Press and hold the trunk release button on the remote control to open the vehicle's trunk.

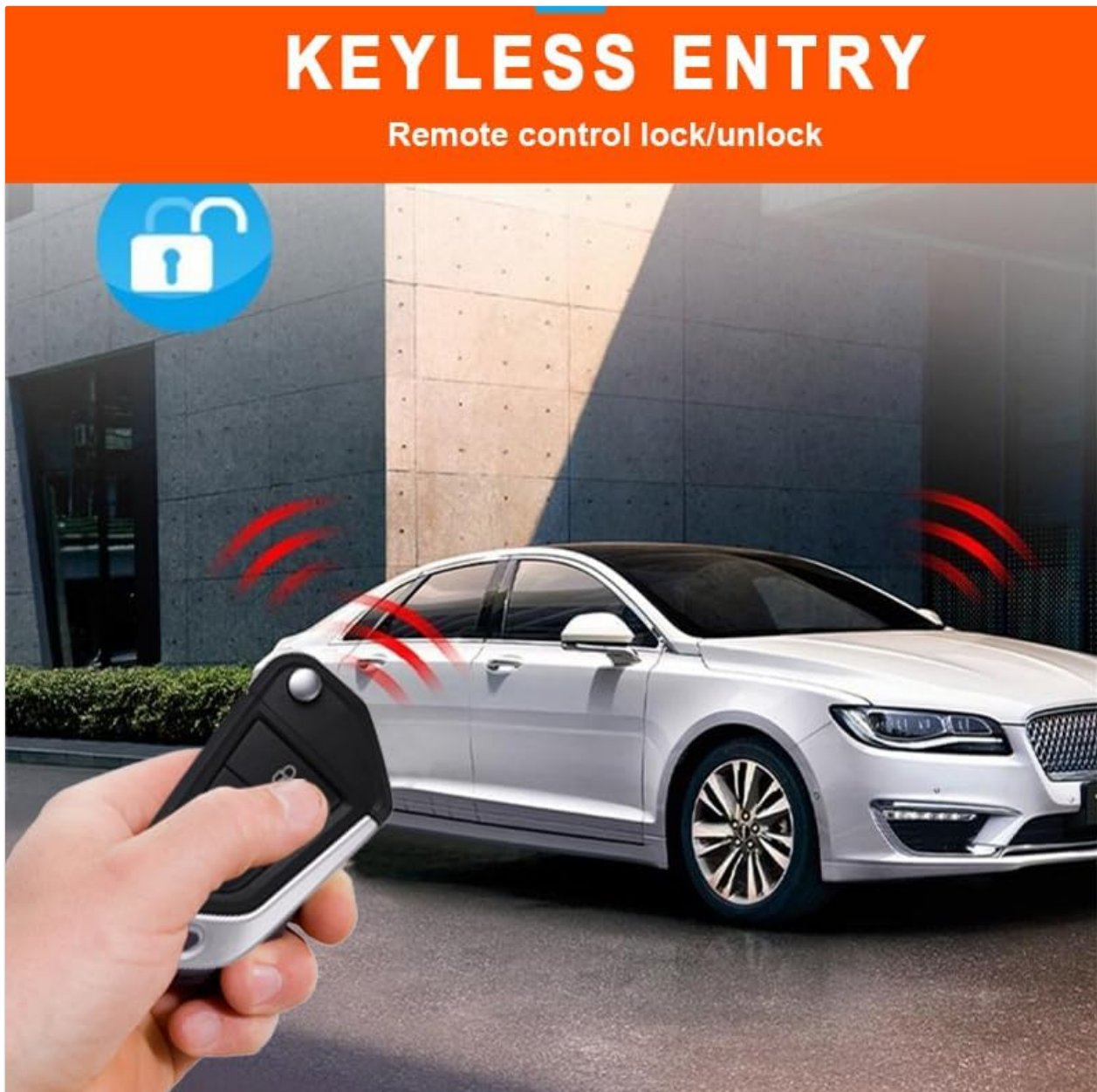


Image 3.1: Illustration of the keyless entry function, showing a hand holding a remote control to lock/unlock a car.

REMOTE TRUNK RELEASE



Image 3.2: Depiction of the remote trunk release feature, showing a car trunk opening via remote control.

3.2 Remote Engine Start/Stop

- **To Start:** Press the remote start button on the remote control. The engine will start, and the system will run for 15 minutes.
- **To Stop:** Press the remote start button again to stop the engine.
- **Entering Vehicle After Remote Start:** To drive the vehicle after remote starting, insert the key (if applicable), turn it to the ON position, and press the foot brake pedal. This will transfer control from the remote start system to the vehicle's ignition. If the foot brake is not pressed within 15 minutes, the engine will automatically shut off.



Image 3.3: Visual representation of remote engine start for pre-cooling in summer or pre-heating in winter.

3.3 Push Button Start/Stop

- **To Start:** With the system disarmed and your foot on the brake pedal, press the 'ENGINE START STOP' button once to start the engine.
- **To Stop:** With your foot on the brake pedal, press the 'ENGINE START STOP' button once to stop the engine.
- **ACC/ON Mode:** Without pressing the brake, press the button once for ACC mode, press again for ON mode, and a third time to turn off.

KEYLESS GO PUSH START

Push to start ignition directly, do not need to insert key



Image 3.4: Close-up of the 'ENGINE START STOP' push button, illuminated, indicating keyless ignition.

3.4 Alarm Functions

- **Shock Sensor:** If the vehicle experiences a shock while armed, the alarm will trigger for 8 seconds.
- **Door/ACC Trigger:** If a door is opened or the ACC is triggered while armed, the alarm will sound for 25 seconds.
- **Panic Mode/Car Finding:** Press the designated button on the remote control to activate the alarm for car finding or in an emergency.

SHOCK SENSOR ANTI-THIEF ALARM



Image 3.5: Illustration depicting a masked figure attempting to break into a car, triggering a visual alarm indicator, representing the shock sensor anti-theft alarm.

4. Maintenance

- **Remote Control Batteries:** The remote controls use CR2032 batteries. Replace them when the range decreases or the remote stops responding.
- **System Integrity:** Ensure all wiring connections remain secure and free from corrosion. Periodically check for any loose components.
- **Environmental Protection:** Keep the main unit and remote controls away from excessive moisture, extreme temperatures, and strong electromagnetic fields.
- **Cleaning:** Clean the remote controls and push button with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.

5. Troubleshooting

- **Remote Control Not Working:**
 - Check and replace the remote control battery (CR2032).

- Ensure you are within range of the vehicle.
 - Re-learn the remote control code if necessary (refer to installation instructions).
- **Engine Not Starting Remotely:**
 - Verify if your vehicle has a chip key immobilizer. If so, an immobilizer bypass module is required.
 - Check all wiring connections related to the remote start circuit.
 - Ensure the vehicle's hood is closed and the parking brake is engaged (if required by installation).
- **Push Button Start Not Functioning:**
 - Ensure the system is disarmed.
 - Confirm your foot is firmly on the brake pedal.
 - Check power connections to the push button and main unit.
- **False Alarms:**
 - Adjust the sensitivity of the shock sensor. Consult your installer for this adjustment.
 - Ensure all doors, hood, and trunk are securely closed.
- **System Malfunction:** If issues persist, it is recommended to consult a professional automotive electronics technician.

6. Specifications

Component	Specification
Main Unit System	
Working Voltage	DC 12 V \pm 3 V
Static Current	\leq 15mA
PKE Emission Current	40mA
Working Frequency	433 - 434 MHZ
ACC / Start Current	30A
Remote Control	
Working Voltage	DC 3V
Operation Current	8uA
Static Current	\leq 15mA
Battery Type	CR2032 (2 included)
General	
Model Number	806-DF-NS
Item Weight	1.43 pounds
Package Dimensions	8.35 x 5.28 x 2.64 inches

7. Warranty and Support

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