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› EASYGUARD EC200-K9 2 Way Car Alarm System User Manual

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Model: EC200-K9

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your EASYGUARD EC200-K9 2 Way Car Alarm System. Please read this manual thoroughly before attempting any installation or operation to ensure correct usage and to prevent damage to the system or your vehicle.

2. PRODUCT OVERVIEW AND COMPONENTS

The EASYGUARD EC200-K9 is a comprehensive 2-way car alarm system designed to enhance vehicle security and convenience. It features an LCD pager display remote for real-time feedback and a long remote working distance.



Image: Overview of the EASYGUARD EC200-K9 car alarm system components, including the main control unit, two 2-way LCD remotes, a siren, various wiring harnesses, and a relay.

Main Components:

- **Main Control Unit:** The central processing unit of the alarm system.
- **2-Way LCD Pager Remotes (x2):** Remote controls with LCD screens that provide visual and audible feedback from the vehicle.
- **Siren:** Produces audible alerts during alarm events.
- **Wiring Harnesses:** Various cables for connecting the system components to the vehicle's electrical system.
- **Shock Sensor:** Detects impacts or vibrations to the vehicle.
- **Relay:** Used for specific wiring connections, such as engine start or central locking.

3. KEY FEATURES

The EC200-K9 system offers a range of features for vehicle security and convenience:

- **2-Way Communication:** Remote control provides real-time feedback on vehicle status via LCD display.
- **Long Remote Range:** Operates effectively up to 800 meters in open areas.
- **Remote Engine Start & Stop:** Allows starting or stopping the engine remotely.
- **Turbo Timer Mode:** Extends engine life by allowing the engine to idle for a preset period after driving.
- **Arm/Disarm & Mute Arm:** Standard security functions with an option for silent arming.
- **Emergency Disarm & Anti-False Disarm:** Features to prevent unauthorized disarming.
- **Shock Alarm Warning:** Alerts to impacts or disturbances.
- **Door Intruding Alarm/ACC ON Trigger:** Detects unauthorized door opening or ignition activation.
- **Remote Trunk Release:** Opens the vehicle's trunk remotely.
- **Anti-Hijacking:** Security feature to prevent vehicle theft during a hijacking attempt.
- **Central Door Locking Automation:** Automatically locks doors upon arming or driving off.
- **Timer Engine Start:** Allows scheduling engine start at a specific time.
- **Panic Mode/Car Finding:** Activates the siren and lights to locate the vehicle or deter threats.
- **Power Off Memory:** Retains system settings even after power loss.
- **Window Rolls Up Automatically (Optional):** Requires an additional window closer module.
- **Electrical/Pneumatic Central Locking:** Compatible with both types of central locking systems (default is electrical).
- **Code Learning/Programming Method:** Allows for pairing new remotes or adjusting settings.

4. IMPORTANT NOTES BEFORE INSTALLATION

Please observe the following critical points before proceeding with installation:

- **Professional Installation Recommended:** Due to the complexity of vehicle electrical systems, professional car alarm installer installation is highly recommended. Incorrect installation can lead to vehicle damage or system malfunction.
- **Vehicle Compatibility:** This system is designed for **DC12V petrol vehicles only**. If your car is a diesel vehicle with an engine starting time over 3 seconds, an extra timer delay switch is required, or you must turn on the dashboard first to pre-warm the spark plug before starting.
- **Bypass Module Requirement:** If your factory OEM key fob contains a chip immobilizer, an extra bypass module (e.g., ASIN: B07NSLPBG7 or B00MEHBVIC) is required for the remote engine start function to operate correctly.
- **Remote Battery:** AAA batteries are required for the remote controls and are not included with the system.

5. SETUP AND INSTALLATION

Installation of the EASYGUARD EC200-K9 system requires a thorough understanding of automotive electrical systems. It is strongly advised that installation be performed by a qualified professional.

Installation Guidelines:

- **Wiring Diagram:** An English wiring diagram is available upon request and is essential for correct installation. Ensure you have the correct diagram for your specific vehicle model.
- **Main Control Unit Placement:** Mount the main control unit in a secure, hidden location within the vehicle's interior, away from direct moisture and extreme temperatures.
- **Siren Mounting:** Install the siren in the engine bay, facing downwards to prevent water accumulation, and in a

location that is difficult to access from outside the vehicle.

- **Shock Sensor Adjustment:** The shock sensor sensitivity may need to be adjusted after installation to prevent false alarms while ensuring adequate protection.
- **Antenna Placement:** Position the antenna for optimal signal reception, typically on the windshield or dashboard, away from metal obstructions.



Image: Dimensions of the main control unit, showing its length of 117mm, width of 68.7mm, and height of 26mm.



Image: A black car alarm siren with a red center, designed to produce loud audible alerts.

6. OPERATING INSTRUCTIONS

The EC200-K9 system is operated primarily using the 2-way LCD pager remotes. Ensure your remote has fresh AAA batteries installed.

ボタン機能



Image: Diagram illustrating the functions of the buttons on the EC200-K9 remote control, including arm/panic, disarm, mute arm/start, mute panic mode, and trunk open.

Remote Control Functions:

- **Arm:** Press the **Lock** button once to arm the system. The vehicle will respond with a chirp, and the remote LCD will show the armed status.
- **Disarm:** Press the **Unlock** button once to disarm the system. The vehicle will respond with two chirps, and the remote LCD will show the disarmed status.
- **Mute Arm:** Press the **Mute/Start** button once to arm the system without audible chirps.
- **Remote Engine Start:** Press and hold the **Mute/Start** button for approximately 3 seconds. The engine will start, and the remote LCD will confirm. To stop the engine remotely, press and hold the same button again.

リモートエンジンスタート

リモートエンジンスタートは寒い冬或いは暑い夏に自動車を事前にエアコンを付け、温度を適当に調整出来ます。



Image: Illustration depicting the remote engine start feature, showing a hand holding the remote control and arrows indicating air conditioning flow inside a car, suggesting pre-cooling or pre-heating the vehicle.

- **Trunk Release:** Press and hold the **Trunk** button for approximately 3 seconds to open the trunk.
- **Panic Mode/Car Finding:** Press the **Panic** button (often combined with the lock button or a dedicated button) to activate the siren and flashing lights, helping to locate your vehicle or deter threats.
- **Turbo Timer Mode:** This mode allows the engine to continue running for a preset duration after the ignition is turned off, helping to cool down the turbocharger. Consult your installer or the detailed wiring diagram for activation and adjustment procedures.
- **Auto-Arm Feature:** The system may have an auto-arm feature that arms the vehicle 30 seconds after the ignition is turned off and a door is opened and closed. Always ensure you have your keys with you when exiting the vehicle to avoid accidental lockout.

主な特徴

- 2ウェイ自動車アラーム 大きなLCDページャ展示リモートが備え付け
超ロングリモートワーキングディスタンス (説明をご覧ください)
スーパー長いポケベルモニタ範囲 (説明をご覧ください)
- リモートエンジンスター
ターボタイマーモード
ショックアラーム警報



Image: Illustration showing the 2-way communication capability of the EC200-K9 system, with the remote control displaying vehicle status and a car icon, indicating feedback from the vehicle to the remote.

7. MAINTENANCE

To ensure the longevity and optimal performance of your EASYGUARD EC200-K9 system, follow these maintenance guidelines:

- **Remote Battery Replacement:** The 2-way remotes require AAA batteries. Replace them when the low battery indicator appears on the LCD or when the remote's range or responsiveness decreases.
- **Keep Remotes Dry:** Avoid exposing the remote controls to water or excessive moisture.
- **Clean Components:** Periodically clean the main control unit and other visible components with a dry, soft cloth. Avoid using harsh chemicals.
- **Professional Checks:** Consider having the system professionally checked during routine vehicle maintenance to ensure all connections are secure and the system is functioning correctly.

8. TROUBLESHOOTING

If you encounter issues with your EC200-K9 system, refer to the following troubleshooting steps. For complex problems, consult a professional installer.

Problem	Possible Cause	Solution
Remote not responding or poor range	Low remote battery; interference; remote out of range; damaged remote.	Replace AAA batteries in the remote. Move closer to the vehicle. Check for strong radio interference. If damaged, consider replacing the remote.
Alarm triggers without apparent reason (false alarms)	Shock sensor sensitivity too high; faulty sensor; loose wiring.	Adjust shock sensor sensitivity to a lower setting. Inspect wiring for loose connections. Consult installer if problem persists.
Remote engine start fails	Vehicle not in neutral/park; hood open; low fuel; immobilizer active (without bypass module); incorrect wiring.	Ensure vehicle is in park/neutral with parking brake engaged. Close hood. Check fuel level. Verify bypass module installation if applicable. Consult installer for wiring check.
Vehicle battery drains quickly	Incorrect wiring; system malfunction; excessive current draw.	This is a serious issue. Immediately consult a professional installer to diagnose and rectify the wiring or system fault.
Auto-arm locks keys inside vehicle	Auto-arm feature is active.	Always ensure you have your keys on your person when exiting the vehicle, especially if the auto-arm feature is enabled. Consult installer if you wish to disable this feature (if possible).

9. SPECIFICATIONS

Technical specifications for the EASYGUARD EC200-K9 Car Alarm System:

- **Model Number:** EC200-K9
 - **Compatible Devices:** DC12V Petrol Cars
 - **Remote Control Type:** 2-Way LCD Pager Display
 - **Remote Control Batteries:** 2 x AAA batteries (not included)
 - **Maximum Remote Range:** Up to 800 meters (in open space)
 - **Noise Level (Siren):** 30 dB (typical, actual output may vary)
 - **Item Weight:** Approximately 2.59 pounds (total package)
 - **Package Dimensions:** Approximately 10.59 x 7.87 x 4.02 inches
 - **Manufacturer:** Zhongshan EASYGUARD electronics ltd
 - **Date First Available:** August 31, 2018
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10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, wiring diagrams, or further assistance, please contact EASYGUARD customer service through their official channels or the retailer from whom the product was purchased. It is recommended to retain your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question