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> [CHADWICK CW-8110 Car Horn Siren Alarm System User Manual](#)

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CHADWICK CW-8110 Car Horn Siren Alarm System User Manual

Model: CW-8110 | Brand: CHADWICK

1. OVERVIEW

The CHADWICK CW-8110 Car Horn Siren Alarm is a universal 12V anti-theft security system designed to protect your vehicle. It features multi-level safety arming, a powerful siren, and adjustable sensitivity to deter theft and unauthorized access. The system includes two remote controls for convenient operation and is designed for non-destructive installation.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x Main Control Unit
- 1x Car Horn Siren Alarm
- 2x Remote Controls
- 1x Wiring Harness Set
- 1x English User Manual
- Mounting Accessories (e.g., double-sided tape, screws)



Figure 2.1: All components included in the CHADWICK CW-8110 Car Alarm System package.

3. PRODUCT FEATURES

- **Excellent Performance:** Multi-level safety arming and high reliability to prevent car theft and protect personal property.
- **Universal Application:** Compatible with various DC12V cars, suitable for electric, pneumatic, and retrofitted central locking systems.
- **High-Quality Material:** Constructed from durable materials for long-lasting performance.
- **Easy Installation:** Designed for non-destructive installation, directly connecting to the battery terminals.
- **7-Level Sensitivity:** Adjustable vibration sensor to customize trigger sensitivity.
- **Dual Remote Controls:** Two remote controls included for convenient arming and disarming.
- **Loud Siren:** 125 Decibels noise level for effective deterrence.

4. SAFETY INFORMATION

- This product is designed for 12V DC car systems only. Do not connect to 24V systems.
- Installation should ideally be performed by professionals with car electrician certification. If installing yourself, ensure all connections are secure and correct to prevent damage to the vehicle or the alarm system.
- The system does not control central door lock functions or vehicle lights.
- Ensure the siren is mounted in a secure location away from excessive heat or moisture.

5. SETUP AND INSTALLATION

The CHADWICK CW-8110 is designed for non-destructive installation, primarily connecting directly to your vehicle's 12V battery. It is recommended to consult the detailed wiring diagram provided in the physical user manual for specific connections.

5.1 Basic Installation Steps:

1. **Mount the Siren:** Securely mount the siren unit under the hood of your vehicle using the provided bracket and screws. Ensure it is in a location where sound is not obstructed and is protected from water.
2. **Connect to Battery:** Connect the red wire from the main control unit to the positive (+) terminal of your 12V car battery. Connect the black wire to the negative (-) terminal. Ensure a 3A fuse is installed on the positive line.
3. **Position Main Control Unit:** Place the main control unit in a discreet and secure location inside the vehicle, such as under the dashboard.
4. **Connect Vibration Sensor:** If applicable, ensure the vibration sensor is connected to a stable and hard surface within the vehicle to accurately detect vibrations.
5. **Antenna Placement:** Position the antenna for optimal signal reception, typically suspended and not connected to metal surfaces.



Figure 5.1: General installation diagram for the CHADWICK Car Alarm System.



Figure 5.2: Non-destructive installation showing direct battery connection for the 12V system.

5.2 Installation Video Guide:

Your browser does not support the video tag.

Video 5.1: An official CHADWICK video demonstrating the installation and features of the Car Horn Siren Alarm with 2 Remote Controllers.

6. OPERATING INSTRUCTIONS

The CHADWICK CW-8110 system is operated using the provided remote controls. Each remote has distinct buttons for various functions:

- **Arming (Lock Button):** Press the lock button once to arm the system. The alarm will beep once, indicating it has entered the armed state.
- **Disarming (Unlock Button):** Press the unlock button once to disarm the system. The alarm will beep twice, indicating it has exited the armed state.
- **Car Search (Horn/Bell Button):** Press the horn/bell button to locate your vehicle in a parking lot. The alarm will sound, and directional lights may flash (if connected and supported by vehicle).

The image is a composite graphic titled "FUNCTION" and "CHADWICK". It is divided into four vertical panels, each illustrating a different remote control function. The top left panel shows a person breaking a car window, with a green padlock icon below it. The top middle panel shows a red sports car with a siren and a "7-level sensitivity adjustable" label, with a red padlock icon below it. The top right panel shows a hand holding a remote control with a blue circular graphic overlay, with a red padlock icon below it. The bottom right panel shows a hand holding a remote control with a yellow "MUTE" icon below it. Each panel has a corresponding text box at the bottom describing the function and the action to take.

Fortification	Alarm Status	Disalarm	Car Search
Press the lock button to enter the alet state Alarm beep once	Grading trigger: Slight Vibration: call for 5 seconds Shake Again: call for 30 seconds 6-Tone Cycle for 20W	Press the unlock button to disarm Alarm beep twice	Press the lock/horn/bell button to find a car, with a remote control distance of 30 to 80 mters Discovering a vehicle, the directional lights won't flash

Figure 6.1: Remote control functions for the CHADWICK Car Alarm System.



Figure 6.2: Front view of the remote control.

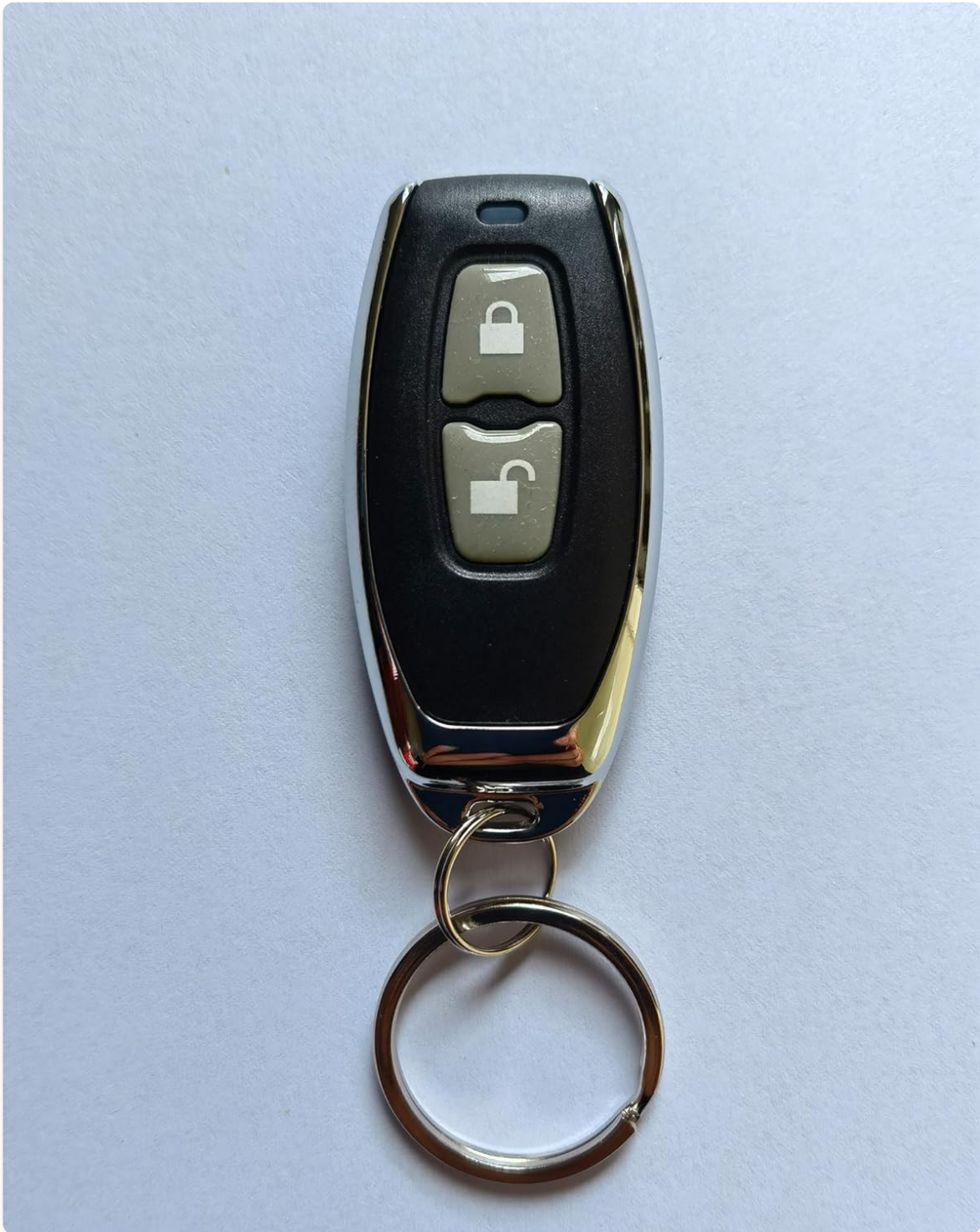


Figure 6.3: Back view of the remote control.

7. SENSITIVITY ADJUSTMENT

The CHADWICK CW-8110 features 7 levels of adjustable sensitivity for its vibration sensor. This allows you to customize how easily the alarm is triggered, preventing false alarms while ensuring adequate protection.

7.1 Adjusting Sensitivity:

1. Refer to the specific instructions in your physical user manual for the exact procedure to enter sensitivity adjustment mode.
2. Typically, you will use the remote control to cycle through the sensitivity levels.
3. Test the alarm after each adjustment by gently bumping the vehicle to find the optimal setting for your

environment.



Figure 7.1: Guidance on adjusting sensor sensitivity for optimal performance.

8. MAINTENANCE

- **Remote Control Batteries:** The remote controls use 6V CR2016*2 batteries. Replace them when the remote's range decreases or it stops responding.
- **System Check:** Periodically test the alarm system to ensure it is functioning correctly.
- **Cleaning:** Keep the main control unit and siren free from dust and debris. Use a dry, soft cloth for cleaning.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
False alarms occur frequently.	Sensitivity setting is too high.	Adjust the sensitivity level downwards (e.g., from 7 to 4 or lower). Ensure the vibration sensor is mounted on a stable surface.
Alarm does not trigger when vehicle is disturbed.	Sensitivity setting is too low or sensor is improperly mounted.	Increase the sensitivity level. Verify the vibration sensor is securely attached to a hard surface.
Remote control range is poor or unresponsive.	Low remote control battery or signal interference.	Replace the remote control batteries (CR2016*2). Ensure the antenna is properly positioned and not obstructed.

Problem	Possible Cause	Solution
Siren does not sound.	Siren not connected, faulty wiring, or siren unit failure.	Check all siren connections. Verify power supply to the siren. If issues persist, contact support.

10. SPECIFICATIONS

- **Main Unit Working Voltage:** DC 12 \pm 3V
- **Static Current:** 10 mA
- **Siren:** 10A, 125 Decibels
- **Working Frequency:** 433.92MHZ
- **Remote Control Working Voltage:** DC 12V
- **Remote Control Average Static Current:** 0 mA
- **Remote Control Battery:** 6V CR2016*2 (included)
- **Item Weight:** 12.6 ounces
- **Product Dimensions:** 5.04 x 3.78 x 3.27 inches
- **Compatible Devices:** DC12V Cars

11. WARRANTY AND SUPPORT

For any questions or concerns regarding your CHADWICK CW-8110 Car Horn Siren Alarm System, please feel free to contact CHADWICK Direct customer support. Refer to your purchase documentation for specific warranty details and contact information.