EASYGUARD ewc-4

EASYGUARD EWC-4 Universal 4 Door Power Window Closer Module Instruction Manual

Model: EWC-4

1. INTRODUCTION

The EASYGUARD EWC-4 is a universal 4-door power window closer module designed for DC12V 4-door vehicles. This intelligent module automatically closes all open windows when the car doors are locked, providing convenience and enhanced security. It is compatible with most car alarm systems and ensures windows roll up one by one, stopping automatically once fully closed.
Key features of the EWC-4 module include:

- Universal compatibility with 99% of DC12V 4-door cars.
- Automatic detection of four windows.
- Sequential window rolling up (one by one) with automatic stop upon closure.
- Remote window closing functionality when exiting and locking the vehicle.
- Durable design for operation in ultra-low temperatures.

2. PRODUCT OVERVIEW

The EASYGUARD EWC-4 module consists of a compact main unit and a multi-wire harness for connection to the vehicle's electrical system. Below are images illustrating the module and its components.

Figure 2.1: EASYGUARD EWC-4 Main Unit and Wire Harness. The black rectangular module connects to the colorful wire harness, which integrates with the car's power window system.

Figure 2.2: Dimensions of the EWC-4 Module. The module measures approximately 78mm in length, 59mm in width, and 30mm in height, indicating its compact size for discreet installation.

Main features:

Automatically close windows after locking doors once getting off the car

Can work on most DC12V 4 doors vehicles

(Closing windows one by one)

Figure 2.3: Close-up of the EWC-4 Wire Harness. This image shows the various color-coded wires and connectors, essential for proper electrical integration with the vehicle's window control system.

3. SPECIFICATIONS

Attribute	Value
Model Number	EWC-4
Item Weight	5.6 ounces
Package Dimensions	6.6 x 3.7 x 2.7 inches
Compatible Devices	Most 4 door cars with DC12V systems
Manufacturer	Easyguard electronics ltd
UPC	702373809418
Remote Control Included?	No (module works with existing car alarm/locking system)

4. SETUP AND INSTALLATION

Installation of the EASYGUARD EWC-4 module requires knowledge of automotive electrical systems**It is strongly recommended that installation be performed by a professional car alarm installer or a qualified automotive technician.** Incorrect installation can lead to damage to the module, vehicle electrical system, or improper

operation.

The module integrates with your vehicle's existing power window and central locking systems. The provided wire harness must be correctly connected to the appropriate wires in your vehicle. Refer to the detailed wiring diagram included with your product packaging for specific connection points and wire color codes. Ensure all connections are secure and properly insulated.

Note: This module is designed for DC12V 4-door vehicles. Verify your vehicle's electrical system compatibility before attempting installation.

5. OPERATING INSTRUCTIONS

Once properly installed, the EASYGUARD EWC-4 module operates automatically in conjunction with your vehicle's central locking system. Its primary function is to close all open windows when the vehicle is locked.

- **Automatic Window Closing:** After parking your vehicle and exiting, simply lock your car doors using your remote key fob or central locking system. The EWC-4 module will detect the lock signal and automatically begin to roll up any open windows, one by one.
- **Safety Feature:** The module is designed to automatically stop the window motor once the window reaches its fully closed position, preventing excessive strain or damage.
- **Remote Operation:** This feature allows you to close windows remotely when you lock your car, ensuring all windows are secured even if you forget to close them manually.

Figure 5.1: Illustration of Automatic Window Closing. Red arrows indicate the upward movement of windows as they automatically close after the car doors are locked.

Note: This module is designed for closing windows only. It does not provide functionality to roll down windows remotely.

6. MAINTENANCE

The EASYGUARD EWC-4 module is designed for long-term, maintenance-free operation. To ensure its longevity and proper function:

- **Keep Dry:** Ensure the module is installed in a dry location within the vehicle, away from direct exposure to water or excessive moisture.
- **Secure Installation:** Verify that the module and its wiring are securely mounted and not subject to excessive vibration or physical damage.
- **Avoid Tampering:** Do not attempt to open or modify the module, as this will void any potential warranty and may cause malfunction.

7. TROUBLESHOOTING

If you experience issues with your EASYGUARD EWC-4 module, consider the following troubleshooting steps:
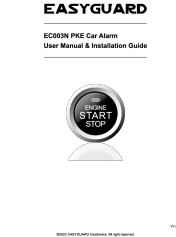
- **Module Not Responding:**

    - Check all wire connections to ensure they are secure and correctly wired according to the installation diagram.
    - Verify that the module is receiving proper DC12V power.
    - Ensure your vehicle's central locking system is functioning correctly.

- **Windows Not Closing Fully or Stopping Prematurely:**

    - Inspect the window mechanisms in your vehicle for any obstructions or mechanical issues that might prevent smooth operation.
    - Ensure the window channels are clean and lubricated.

- **Only Some Windows Closing:**

    - Re-check the wiring for the affected windows. A loose or incorrect connection for a specific window circuit could be the cause.

For complex issues or if troubleshooting steps do not resolve the problem, it is advisable to contact the professional installer or the manufacturer's support for assistance.

8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your EASYGUARD EWC-4 module, please refer to the documentation provided with your purchase or visit the official EASYGUARD website. It is recommended to retain your proof of purchase for warranty claims.
For installation-related queries or issues, please contact the professional installer who performed the installation.

Related Documents

	[EASYGUARD EC003 User Manual and Wiring Diagram](#) Comprehensive user manual and wiring diagram for the EASYGUARD EC003 car alarm system, featuring PKE, remote engine start, and push-button start/stop functionality. Includes installation guides, function descriptions, troubleshooting tips, and technical specifications.
	[EASYGUARD EC003N PKE Car Alarm User Manual & Installation Guide](#) Comprehensive user manual and installation guide for the EASYGUARD EC003N PKE Car Alarm system, detailing features, installation steps, wiring diagrams, and troubleshooting.
	[FCC Radio Test Report: EASYGUARD Car Alarm System (Model EC201-M9)](#) This FCC Radio Test Report details the compliance testing for the EASYGUARD Car Alarm System, model EC201-M9, manufactured by Zhongshan Yihu Electronics Co., Ltd. It covers conducted and radiated emissions, bandwidth, release time, duty cycle, and antenna requirements as per FCC Part 15, Subpart C.
	[EASYGUARD EC002 PKE Car Alarm with Push Start System User Manual](#) Comprehensive user manual and installation guide for the EASYGUARD EC002 series PKE car alarm system, featuring push-to-start, remote engine start, passive keyless entry, and advanced security features. Includes detailed wiring diagrams and operational instructions.