Code Alarm CA5055

Code Alarm CA5055 Remote Start and Keyless Entry System User Manual

Model: CA5055

1. INTRODUCTION

The Code Alarm CA5055 is a remote start and keyless entry system designed to enhance vehicle convenience and security. This system allows users to remotely start their vehicle, lock and unlock doors, and access other features using a compact remote transmitter. This manual provides essential information for understanding, operating, and maintaining your CA5055 system.

2. SYSTEM FEATURES

The CA5055 system includes a range of features for vehicle control and security:

- **(2) 4-Button 1-Way Transmitters:** Two remote controls for system operation.
- **Keyless Entry:** Remote locking and unlocking of vehicle doors.
- **Trunk Release:** Remote activation of the vehicle's trunk or hatch release.
- **Glass-Mount Antenna with Built-in LED Light and Valet Switch:** Provides signal reception and includes a status indicator and system override switch.
- **Illuminated Entry:** Activates interior lights upon unlocking the vehicle.
- **RPS (Real Panic Sound) Horn Honk:** Utilizes the vehicle's horn for panic alarm.
- **Personal Protection Alarm (Panic):** Activates the alarm system for personal safety.
- **Progressive Car Find:** Assists in locating the vehicle in a parking area.
- **Remote Start Run Time Extension:** Allows extending the remote start duration.
- **1,500 ft. of Operating Range:** Provides extended range for remote operations.
- **Web Programmable:** Allows for customization of certain system settings via a web interface (professional installation recommended).

3. SAFETY INFORMATION

Please observe the following safety guidelines to ensure proper operation and prevent damage or injury:

- **Professional Installation:** Installation of this system should only be performed by a qualified automotive electronics technician. Improper installation can lead to vehicle damage or malfunction.

- **Vehicle Environment:** Never remote start your vehicle in an enclosed area such as a garage. Exhaust fumes are dangerous and can be fatal.
- **Children and Pets:** Do not leave children or pets unattended in a remote-started vehicle.
- **Manual Transmission Vehicles:** Remote start should only be used on manual transmission vehicles if specific safety precautions and installation procedures are followed to prevent accidental engagement.
- **Maintenance:** Ensure your vehicle is in proper working order before using the remote start function.

4. SETUP AND INSTALLATION

The Code Alarm CA5055 system requires professional installation due to its integration with the vehicle's electrical and security systems. Attempting self-installation without proper knowledge and tools can void your warranty and cause damage to your vehicle.

Important: This system is web programmable, allowing for custom settings and vehicle-specific configurations. This programming should be performed by the installing technician to ensure compatibility and optimal performance.

Figure 1: Code Alarm CA5055 main control module. This image displays the main control module of the Code Alarm CA5055 system. It is a black rectangular unit with connectors on the side, featuring the 'CODE ALARM CA-5055' branding on its surface. Mounting tabs are visible at the top and bottom.

5. OPERATING INSTRUCTIONS

Your CA5055 system is operated using the provided 4-button remote transmitters. Familiarize yourself with the button functions:

- **Lock Button:** Press once to lock the vehicle doors. The vehicle's parking lights may flash once, and the horn may chirp once (if enabled).
- **Unlock Button:** Press once to unlock the vehicle doors. The vehicle's parking lights may flash twice, and the horn may chirp twice (if enabled).

  Remote Start Button: Press and release this button twice within 3 seconds to activate remote start. The vehicle will start and run for a pre-programmed duration (e.g., 15 minutes). To turn off the vehicle during remote start, press the remote start button twice again.
- **Trunk Release Button:** Press and hold this button for approximately 3 seconds to open the vehicle's trunk or hatch.
- **Panic Button:** Press and hold the lock or unlock button for approximately 3 seconds to activate the panic alarm. Press any button again to disarm.

Valet Mode

Valet mode disables the remote start and alarm functions, allowing the vehicle to be serviced without activating the security system. Keyless entry will typically remain active.

1. To enter Valet Mode: Turn the ignition key to the ON position, then OFF. Within 10 seconds, press and release the Valet Switch (located on the glass-mount antenna) once. The LED on the antenna will illuminate solid to indicate Valet Mode is active.
2. To exit Valet Mode: Repeat the steps above. The LED will turn off, indicating Valet Mode is deactivated.

6. MAINTENANCE

The Code Alarm CA5055 system is designed for minimal maintenance. The primary maintenance task involves replacing the batteries in your remote transmitters when their range decreases or they stop functioning.

Remote Transmitter Battery Replacement

Refer to the specific instructions provided with your remote transmitter for battery type and replacement procedure. Typically, this involves carefully opening the remote casing and replacing the old battery with a new one of the same type (e.g., CR2032 coin cell battery). Ensure proper polarity when inserting the new battery.

7. TROUBLESHOOTING

If you experience issues with your CA5055 system, consider the following common troubleshooting steps:

- **Remote Not Working:** Check the remote transmitter battery. Replace if necessary. Ensure you are within the operating range of 1,500 ft.
- **Remote Start Fails:**
  - Ensure the vehicle doors, hood, and trunk are fully closed.
  - Check if the vehicle is in Valet Mode (LED on antenna will be solid). Exit Valet Mode if active.
  - Verify the vehicle's battery is charged.
  - Ensure the parking brake is engaged (if required by installation).
- **Keyless Entry Not Working:** Check remote battery. Ensure the system is not in Valet Mode.
- **System LED Flashing:** A flashing LED on the antenna typically indicates the system is armed. A solid LED indicates Valet Mode. Consult your installer for specific flash codes if issues persist.

For persistent issues or complex problems, it is recommended to contact your professional installer or Code Alarm

customer support.

8. SPECIFICATIONS

Specification	Value
Model Number	CA5055
Brand	Code Alarm
Item Weight	1 pounds
Package Dimensions	7.52 x 5.43 x 2.24 inches
Wireless Remote	Yes
Maximum Range	1500 Feet
Compatible Devices	Cars, Trucks

9. WARRANTY AND SUPPORT

The Code Alarm CA5055 system comes with a **Limited Lifetime Warranty**. Please retain your proof of purchase and installation records for warranty claims.

For warranty service, technical support, or further assistance, please contact your authorized Code Alarm dealer or the manufacturer's customer support channels. Do not attempt to repair or modify the system yourself, as this may void the warranty.