

Avital 3103L

Avital 3103L Automotive 1-Way Security System User Manual

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Avital 3103L Automotive 1-Way Security System. This system is designed to provide enhanced security for your vehicle with features such as remote keyless entry, starter interrupt, and an impact sensor. For optimal performance and to prevent damage to your vehicle's electrical system, **professional installation is strongly recommended.**

PRODUCT OVERVIEW

The Avital 3103L is a 1-way security system that offers reliable protection and convenient control over your vehicle's security functions. It includes two 4-button remotes for easy operation.

Key Features:

- Remote keyless entry
- Ignition controller door locks
- Starter interrupt
- Impact sensor
- Flashing parking lights
- Panic (Car Locator) function
- Up to 1/4-mile range
- Two 1-way 4-button transmitters
- Two auxiliary outputs

WHAT'S IN THE BOX

Upon unpacking your Avital 3103L system, please ensure all components are present:

- Avital 3103L Main Control Unit

- Two 4-Button Remote Transmitters
- Wiring Harnesses
- Impact Sensor
- User Manual (this document)
- Other necessary installation accessories (e.g., siren, LED indicator)



Image: Retail packaging for the Avital 3103L 1-Way Security System, showing the main unit and two remotes.

SETUP AND INSTALLATION

The Avital 3103L security system requires electrical connections to your vehicle's systems. **Installation by a certified professional is crucial** to ensure correct functionality and to prevent potential damage to your vehicle's electrical components. Incorrect installation can lead to severe issues, including system malfunction or vehicle damage.

General Installation Guidelines (for professional installers):

- Disconnect the vehicle's battery before beginning any wiring.
- Identify and test all necessary vehicle wires (e.g., ignition, constant power, ground, door triggers, parking lights).
- Mount the main control unit securely in a hidden, dry location.

- Connect the wiring harness according to the detailed wiring diagram provided with the product (not included in this user manual).
- Install the impact sensor in a central location, adjusting sensitivity as needed.
- Program the remote transmitters to the system.
- Test all functions thoroughly before reassembling the vehicle's interior.

OPERATING INSTRUCTIONS

Your Avital 3103L system is controlled using the provided 4-button remote transmitters. Familiarize yourself with the button functions:





Image: A close-up of the Avital 4-button remote transmitter, showing the lock, unlock, and asterisk buttons.

Remote Button Functions:

- **Lock Button (Closed Padlock Icon):**
Press once to arm the security system and lock the vehicle's doors. The parking lights will flash once, and the siren/horn will chirp once (if enabled).
- **Unlock Button (Open Padlock Icon):**
Press once to disarm the security system and unlock the vehicle's doors. The parking lights will flash twice, and the siren/horn will chirp twice (if enabled).
- **Panic Button (Asterisk Icon):**
Press and hold for approximately 3 seconds to activate the panic alarm. The siren will sound, and the parking lights will flash. Press any button on the remote to deactivate the panic mode. This also functions as a car locator.
- **Auxiliary Buttons (Other buttons, if present):**
These buttons can be programmed by your installer for various functions, such as trunk release or other accessories. Refer to your installer for specific auxiliary functions.

Impact Sensor:

The system's impact sensor detects disturbances to the vehicle. A light impact may trigger a warning chirp, while a heavier impact will trigger the full alarm. The sensitivity of this sensor is adjustable by a professional installer.

MAINTENANCE

The Avital 3103L security system is designed for minimal maintenance. Follow these guidelines to ensure longevity:

- **Remote Battery Replacement:** When the remote's range decreases significantly, it may be time to replace the battery. Refer to the remote's specific instructions for battery type and replacement procedure.

- **Keep Remotes Dry:** Avoid exposing remote transmitters to water or excessive moisture.
- **Avoid Extreme Temperatures:** Do not leave remotes in direct sunlight or extremely hot/cold environments for extended periods.
- **Regular System Checks:** Periodically test the system's arm/disarm and panic functions to ensure proper operation.

TROUBLESHOOTING

If you experience issues with your Avital 3103L system, consult the following common troubleshooting steps. For complex issues, contact your professional installer.

Problem	Possible Cause	Solution
Remote not working or reduced range	Low remote battery; Interference; Remote out of range	Replace remote battery; Move closer to the vehicle; Avoid areas with high radio frequency interference.
System does not arm/disarm	Vehicle door/hood/trunk open; System in Valet Mode; Wiring issue	Ensure all entry points are closed; Check if the system is in Valet Mode (consult installer); Contact installer for wiring inspection.
Alarm triggers without apparent cause	Impact sensor sensitivity too high; Faulty sensor; Wiring issue	Have installer adjust impact sensor sensitivity; Contact installer for sensor or wiring inspection.
Parking lights do not flash	Wiring issue; Blown fuse	Contact installer to check wiring and fuses.

SPECIFICATIONS

- **Model Number:** 3103L
- **Product Dimensions:** 4.3 x 5.4 x 4.3 inches
- **Item Weight:** 1.46 pounds
- **Maximum Range:** 0.25 Miles (approximately 1/4 mile)
- **Noise Level (Siren):** 110 Decibels
- **Connectivity:** Wireless (Remote Control)
- **Compatible Devices:** Replaces Avital 3101L
- **Manufacturer:** Audiovox Corporation

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided by your professional installer or visit the official Avital website. Keep your proof of purchase and installation records for warranty claims.

