

Avital 2103L

Avital 2103L Automotive Keyless Entry System User Manual

Model: 2103L | Brand: Avital

1. INTRODUCTION

The Avital 2103L Keyless Entry System provides convenient remote control access to your vehicle's locking mechanisms and other functions. This system is designed to enhance vehicle security and user convenience by allowing remote locking, unlocking, and activation of auxiliary features.

Important Note: This product is intended for installation by a professional installer only. Attempts to install this product by a person other than a trained professional may result in severe damage to a vehicle's electrical system and components, and may void the product warranty.

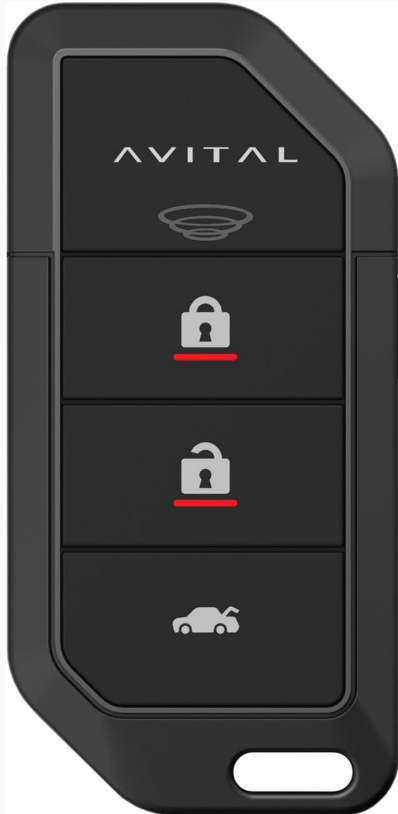
2. FEATURES

- Remote Keyless Entry: Lock and unlock vehicle doors remotely.
- Ignition Controlled Door Locks: Automatic door locking/unlocking based on ignition status.
- Flashing Parking Lights: Visual confirmation of lock/unlock commands.
- Panic Mode (Car Locator): Activates horn and lights for vehicle location or emergency signaling.
- Two Auxiliary Outputs: Provides additional, optional functions such as trunk release or window control (requires additional modules/installation).
- Includes two 4-button 1-way remotes.
- Replaces previous model 2101L.

3. WHAT'S IN THE BOX



The Avital 2103L Keyless Entry System package, including the main control module, two 4-button remote controls, and the user manual.



A single 4-button remote control for the Avital 2103L system, featuring lock, unlock, panic, and auxiliary function buttons.



The retail packaging box for the Avital 2103L 1-Way Keyless Entry System, highlighting its model number and 1/4 mile range.

The package typically includes the main control unit, two 4-button remote transmitters, and this instruction manual. Additional wiring harnesses and installation accessories may also be present.

4. SETUP AND INSTALLATION

Installation of the Avital 2103L Keyless Entry System requires specialized knowledge of automotive electrical systems. It is strongly recommended that installation be performed by a certified professional installer to ensure proper functionality and to prevent damage to the vehicle or the product.

4.1 Professional Installation Recommended

Due to the complexity of vehicle wiring and the potential for damage, self-installation is not advised. A professional installer will have the necessary tools, diagrams, and expertise to integrate the system correctly with your vehicle's existing electrical components.

4.2 Wiring Diagram (Conceptual)

A detailed wiring diagram is provided with the product for professional installers. This diagram outlines connections for power, ground, door lock/unlock outputs, parking light output, ignition input, and auxiliary outputs. Specific wire colors and locations vary by vehicle make and model.

- **Power & Ground:** Connect to constant 12V and chassis ground.
- **Door Locks:** Connect to vehicle's door lock/unlock circuits (positive or negative trigger, depending on vehicle).
- **Parking Lights:** Connect to vehicle's parking light circuit.
- **Ignition:** Connect to a circuit that is active when the ignition is on.
- **Auxiliary Outputs:** Connect to desired accessories (e.g., trunk release solenoid, window module).

5. OPERATING INSTRUCTIONS

The Avital 2103L system operates primarily via the included 4-button remote controls. Familiarize yourself with the button functions:

Lock Button: Typically marked with a closed padlock icon. Press once to lock all vehicle doors. The parking lights will flash once to confirm.

Unlock Button: Typically marked with an open padlock icon. Press once to unlock the driver's door (if programmed for driver priority unlock). Press twice within 3 seconds to unlock all doors. The parking lights will flash twice to confirm.

Panic/Car Locator Button: Often marked with a horn or siren icon. Press and hold for 3 seconds to activate the Panic mode. The vehicle's horn will sound and parking lights will flash. Press any button on the remote to deactivate.

Auxiliary Output Button: Commonly marked with a trunk icon or "AUX". Press and hold for 3 seconds to activate the programmed auxiliary function (e.g., trunk release). Functionality depends on professional installation and additional modules.

5.1 Ignition Controlled Door Locks

If this feature is enabled during installation, your vehicle's doors will automatically lock when the ignition is turned on and unlock when the ignition is turned off.

6. MAINTENANCE

6.1 Remote Battery Replacement

The remote controls are powered by a small coin-cell battery (e.g., CR2032). If the remote's range decreases significantly or it stops responding, the battery may need replacement.

1. Carefully open the remote casing, usually by prying along the seam with a small flat-head screwdriver.
2. Note the orientation of the existing battery.
3. Remove the old battery and insert a new one of the same type, ensuring correct polarity.
4. Snap the remote casing back together.

6.2 System Care

The main control unit is designed to be maintenance-free once installed. Avoid exposing the remote controls to extreme temperatures, direct sunlight for prolonged periods, or water.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote not responding.	Dead or low remote battery. Out of range. Interference.	Replace remote battery. Move closer to the vehicle. Move away from sources of strong radio interference.
Doors do not lock/unlock.	Vehicle's door lock actuators faulty. Wiring issue. System fuse blown.	Check vehicle's door lock system manually. Consult professional installer to check wiring and fuses.
Parking lights do not flash.	Wiring issue to parking lights. Fuse blown.	Consult professional installer to check wiring and fuses.
Panic mode not working.	Horn circuit not connected or faulty.	Consult professional installer to check horn connection.

For persistent issues, it is recommended to contact a professional automotive electronics installer or Avital customer support.

8. SPECIFICATIONS

- **Model:** Avital 2103L
- **System Type:** 1-Way Keyless Entry System
- **Remotes Included:** Two 4-button 1-way remotes
- **Operating Frequency:** Standard automotive remote frequency (specifics may vary)
- **Maximum Range:** Up to 0.25 Miles (approximately 400 meters)
- **Outputs:** Door Lock/Unlock, Parking Light Flash, 2 Auxiliary Outputs
- **Power Requirement:** 12V DC (vehicle battery)
- **Package Dimensions:** 6 x 4.2 x 3.8 inches
- **Item Weight:** 5 pounds
- **Manufacturer:** Audiovox Corporation

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Avital products typically come with a limited warranty covering defects in materials and workmanship. The duration and terms of the warranty may vary. Please refer to the warranty card included with your product or visit the official Avital website for detailed warranty information. Keep your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty service, please contact Avital customer support or your authorized

Avital dealer/installer. Contact information can usually be found on the product packaging or the official Avital website.

Online Resources: For the most up-to-date information, FAQs, and support, visit the official Avital website: www.avital.com

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