

Avital 3305L

Avital 3305L 2-Way LCD Security System User Manual

Model: 3305L

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Avital 3305L 2-Way LCD Security System. This system is designed to enhance the security of your vehicle through advanced features and remote control capabilities. Please read this manual thoroughly before operating the system.

2. PRODUCT OVERVIEW

The Avital 3305L is a comprehensive 2-way vehicle security system. It includes a main control module, a siren, a 2-way LCD remote, and a 1-way companion remote. Key features include:

- **2-Way LCD 4-button remote:** Backlit display with tone and vibe modes, and Zone ID for event notifications.
- **Command Confirmations:** Receive feedback on the LCD remote for successful commands.
- **Event Notifications:** Alerts on the LCD remote for security breaches or system status changes.
- **Dual-Zone Impact Sensor:** Detects impacts to the vehicle.
- **Fault-Proof Starter Interrupt:** Prevents the engine from starting when armed.
- **Nuisance Prevention:** Reduces false alarms.
- **Warn Away:** Provides a warning chirp for minor disturbances.
- **Revenger Siren:** High-output siren for audible alerts.
- **1-Way Companion Remote:** A secondary remote for basic functions.
- **Directed SmartStart Compatible:** Allows for smartphone control with an optional module.



Figure 2.1: Overview of the Avital 3305L 2-Way LCD Security System components. This image displays the product packaging, the main control module (labeled 'DIRECTED 9405'), the 2-way LCD remote, the 1-way companion remote, the siren, and various wiring harnesses required for installation.

3. SETUP AND INSTALLATION

Installation of the Avital 3305L security system requires specialized knowledge of vehicle electrical systems. **Professional installation by an authorized Avital dealer is strongly recommended.** Improper installation can lead to vehicle damage, system malfunction, or safety hazards.

3.1 General Installation Guidelines (For Professional Installers)

- **Main Control Module:** Mount the module securely in a hidden, dry location within the vehicle interior.
- **Siren:** Install the siren in the engine compartment, away from heat sources and moving parts, with the horn facing downwards to prevent water collection.
- **Wiring:** Connect all power, ground, ignition, and accessory wires according to the detailed wiring diagram provided with the product. Ensure all connections are secure and insulated.
- **Sensors:** Position the dual-zone impact sensor in a central location for optimal detection. Adjust sensitivity as needed.

- **Antenna:** Mount the antenna module for the 2-way remote in a location that provides optimal signal reception, typically on the windshield or dashboard.

4. OPERATING INSTRUCTIONS

The Avital 3305L system is operated using the 2-way LCD remote or the 1-way companion remote. The 2-way remote provides visual and audible/vibrating feedback on system status.

4.1 2-Way LCD Remote Functions

The 2-way LCD remote features four buttons, typically labeled Lock, Unlock, Trunk/Aux, and Function/Panic. Refer to the remote's specific button layout for exact functions.

- **Arm System (Lock Button):** Press once to arm the security system. The vehicle doors will lock, and the remote will confirm arming.
- **Disarm System (Unlock Button):** Press once to disarm the security system. The vehicle doors will unlock, and the remote will confirm disarming.
- **Trunk Release (Trunk/Aux Button):** Press and hold to open the vehicle's trunk or activate an auxiliary output.
- **Panic Mode (Function/Panic Button):** Press and hold to activate the siren and flashing lights for emergency situations. Press again to deactivate.
- **Status Check:** The LCD remote will display the current status of the vehicle (e.g., armed, disarmed, door open) and provide notifications for triggered alarms (Zone ID).
- **Tone/Vibe Modes:** The remote can be set to provide audible tones or vibrations for feedback.

4.2 1-Way Companion Remote Functions

The 1-way remote provides basic control without feedback.

- **Arm System:** Press the lock button once.
- **Disarm System:** Press the unlock button once.
- **Panic Mode:** Press and hold the panic button.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your security system.

- **Remote Battery Replacement:** Replace the batteries in your 2-way LCD remote and 1-way companion remote when the low battery indicator appears or when range decreases significantly. Refer to the remote's specific instructions for battery type and replacement procedure.
- **System Cleaning:** Keep the remote controls and main module free from dust and moisture. Use a soft, dry cloth for cleaning.
- **Professional Inspection:** Consider having your system professionally inspected annually to ensure all components are functioning correctly and wiring is secure.

6. TROUBLESHOOTING

If you encounter issues with your Avital 3305L system, try the following basic troubleshooting steps:

- **Remote Not Responding:** Check the remote battery. If the battery is good, try re-pairing the remote to the system (refer to the installation guide for programming instructions, or consult a professional).
- **False Alarms:** The impact sensor sensitivity might be too high. Consult your installer to adjust the sensor settings. Ensure all doors, hood, and trunk are fully closed when arming the system.

- **Reduced Range:** Replace remote batteries. Ensure the antenna module is not obstructed or damaged.
- **System Not Arming/Disarming:** Check if all vehicle doors, hood, and trunk are closed. Ensure the vehicle's battery is charged.

For persistent issues or complex problems, it is recommended to contact an authorized Avital dealer or a qualified automotive electronics technician.

7. SPECIFICATIONS

Feature	Specification
Brand	Avital
Model	3305L
Remote Type	2-Way LCD, 1-Way Companion
Maximum Range	1500 Feet
Compatible Devices	Cars
Security Features	Dual-Zone Impact Sensor, Fault-Proof Starter Interrupt, Nuisance Prevention, Warn Away, Revenger Siren

8. WARRANTY AND SUPPORT

Your Avital 3305L 2-Way LCD Security System is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact your authorized Avital dealer or visit the official Avital support website. Do not attempt to repair the system yourself, as this may void your warranty.