

# ASL-150 / ASL-350

## User Guide

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## Introduction

Congratulations on the purchase of your new alarm system by Autostart! You now have the peace of mind of knowing that your prized possession is protected by a sophisticated, state of the art alarm system. Packed with many advanced features, this system will satisfy any one of your expectations of high-end commodity and security, without neglecting any standard feature commonly offered by entry-level systems. Please read this user guide carefully to get acquainted with the operation and the features of your alarm system. Some features require extra parts and installation labour; please contact your installation centre for more details.

### INDUSTRY CANADA USER NOTICE:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

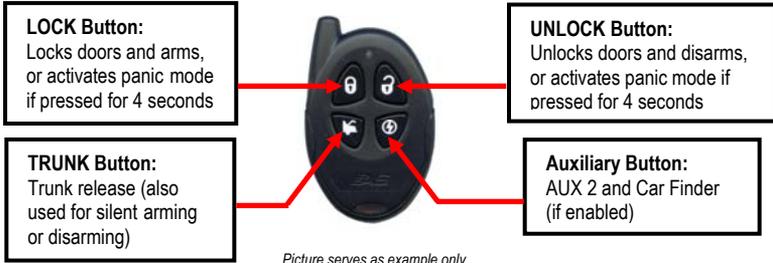
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

### FCC USER NOTICE (U.S.A.):

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## Transmitter Functionalities



1. **button:** Locks the doors and arms the module (starter kill and alarm), or activates panic mode if the button is held down for 4 seconds.
2. **button:** Unlocks the doors and disarms the module (starter kill and alarm), or activates panic mode if the button is held down for 4 seconds.
3. **button:**
  - a. To open the trunk: Press and hold for 3 sec.
  - b. Silent arming or disarming: press the **TRUNK** button **once** (the parking lights will flash), then press the **LOCK** or **UNLOCK** buttons within 3 seconds to lock or unlock the doors without chirp.
4. **button:**
  - a. To activate the **AUX 2** output: Press and hold.
  - b. Car Finder (if programmed): This will cause the parking lights to flash once and the horn or siren to chirp once

## Transmitter Operation

Button(s) to press	Function
	<ul style="list-style-type: none"> <li>• Locks doors</li> <li>• Arms starter kill (not in Alarm Valet)</li> <li>• Dome light OFF (if programmed)</li> </ul>
	<ul style="list-style-type: none"> <li>• Unlocks driver's door</li> <li>• Disarms starter kill (not in valet) – rearms timer at 60 sec.</li> <li>• Dome light ON for 60 sec. or until ignition goes ON or <b>LOCK</b> pressed (if programmed)</li> </ul>
or (while siren sounding)	<ul style="list-style-type: none"> <li>• Mutes siren; system not disarmed. A second <b>UNLOCK</b> press is required to disarm, unless the passive arming mode with no TWO-STAGE disarm is selected</li> </ul>
(2 times)	<ul style="list-style-type: none"> <li>• Unlocks all doors (if priority door programmed)</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>AUX 2</b> or 1 flash and 1 chirp (if car finder was enabled)</li> <li>• Mutes siren — system not disarmed</li> </ul>
(for 4 seconds)	<ul style="list-style-type: none"> <li>• Locks doors</li> <li>• Enter panic mode – siren ON for 60 sec, valet ends</li> </ul>
(for 4 seconds)	<ul style="list-style-type: none"> <li>• Unlocks doors</li> <li>• Enter panic mode – siren ON for 60 sec, valet ends</li> </ul>
(for 3 seconds)	<ul style="list-style-type: none"> <li>• <b>AUX 3</b> output, system disarmed with 1-sec pulse (trunk mode) or toggle ON / OFF (in latch mode)</li> <li>• Temporary chirp delete</li> </ul>
+ (for 3 seconds)	<ul style="list-style-type: none"> <li>• Valet ON or valet OFF</li> </ul>

## Features Available on your System

### Relock doors

If you unlock the doors with the remote transmitter, but do not open any door or open trunk within 60 seconds, the doors will automatically relock and the system will be armed.

**Note:** When the system is in active arming mode and the relock mode is enabled, the doors will relock but the system will not rearm.

### Panic Mode

In a panic situation, you can activate the panic mode that disables the valet mode, locks the doors and sounds the siren for 1 minute. You can activate the panic mode by pressing the **LOCK** or the **UNLOCK** button for approximately 4 seconds until the siren goes ON and the parking lights flash.

#### To activate panic mode:

- Press and hold the **UNLOCK** button until the horn honk starts and the parking lights flash: This will unlock the doors before the sound signal starts.
- Press and hold the **LOCK** button until the horn honk starts and the parking lights flash: This will lock the doors before the sound signal starts.

### Multi-car Operation

The system features multi-car operation. This allows the user to control two systems with one transmitter. (Both vehicles must be equipped with identical systems). The transmitter of the primary vehicle can control the starter kill system, the door lock and unlock operations of the second vehicle as well as the **AUX 2** and **AUX 3** outputs. The transmitter of the second vehicle can also operate the primary vehicle:

-  +  ..... Lock
-  +  ..... Unlock
-  +  ..... Aux 2
-  +  +  ..... Aux 3

### Temporary Chirp Delete

If you want to avoid the siren chirps in a quiet neighbourhood when arming or disarming the system, press the **TRUNK** button until you see the parking lights flash. Then within 3 seconds, press the **LOCK** or **UNLOCK** to arm or disarm the vehicle without generating the siren chirps.

**Note:** Your installer could program the chirp disable feature, so that the chirps are disabled permanently.

### Priority Door Access

(Enabled by default.) If the Remote Door Locks option is installed on your vehicle, this safety feature allows you to unlock solely the driver's door with a single press of the **UNLOCK** button on the transmitter. Upon a second press of the **UNLOCK** button, all the doors will unlock, except for the driver's door and finally with a third press of the **UNLOCK** button, all the doors will unlock.

**Note:** Keyless and priority options must be **installed** and **programmed**.

### Alarm Functions

*(The siren and the shock detectors are optional)*

Your installer can program your alarm in **passive arming** mode, so that the system automatically arms itself when you leave your vehicle, or in **active arming** mode, so that you can arm or disarm your car at will.

In either mode, you can arm or disarm your alarm system using your remote control as well as lock or unlock your doors.

### Passive Arm Mode

In passive arming mode, the system will arm itself automatically after the completion of a 1 min arming delay (LED flashes quickly) initiated after the last door of the vehicle is closed. Therefore, you do not need to arm the system. The LED indicator flashes slowly when the system is armed. However, you must lock your doors manually when leaving the vehicle.

When leaving your vehicle, perform the following:

1. Turn the key switch off. The LED remains off.
2. Unlock if required and open the doors.
3. Once all doors are closed after exiting the vehicle, the LED will begin to flash quickly, indicating that passive arming delay has begun.

Also, as long as a door, trunk or hood is open before the completion of the arming delay, the system will not rearm. If you want to stay in the vehicle for a certain period of time, it is recommended to have your key switch in the ON position to avoid a situation where the system arms before somebody leaves the vehicle. While your key is in the ON position, the system will not arm and the LED stays off.

### Active Arm Mode

To arm the system, and lock your doors (if you have this option), the ignition must go from ON to OFF and a door has to be opened and then closed. Press the **LOCK** button on your remote until the siren chirps once in confirmation. Notice that the parking lights confirm the system arming by flashing once and that the LED indicator flashes slowly to confirm the armed state. (See "*Chirp delete*" on p. 3 to bypass the chirping effect).

### Disarming and Unlocking Doors

If the system was programmed in passive mode, to disarm the system and unlock the doors, press the **UNLOCK** button until the siren chirps twice in confirmation. Notice also that the parking lights confirm the system disarming by flashing twice. Once the system is disarmed, you have to open a door within a 35-second delay or else the system will rearm (LED flashing slowly). If the entry delay expires, you must disarm the vehicle by pressing **UNLOCK** to enter. Once inside the vehicle, you have up to 35 seconds to turn the key switch to the ON position or start the car to prevent the system from rearming again. If this is not done, your system will rearm (LED flashing slowly) and if your system has a starter kill, you will not be able to start the car. If this situation occurs, you need to disarm the car by pressing the **UNLOCK** button before turning the key.

### Starter Disable

Among the many features, the starter disable circuit will immobilize the vehicle when the system is armed (If installed). The system, when armed, will control a relay that will physically interrupt the vehicle starter wire and prevent the hot-wiring of your vehicle. The system is selectable, passive or active arming; this means that you can have the unit arm by itself (passive) after a pre-programmed period of time (1 minute) or you can have control over the system (active) such that it will never arm by itself.

**Note:** When the system is armed, the vehicle will **not start** with the key unless the system has been disarmed (via remote unlock).

#### To Arm the Starter Disable

- Lock the doors by remote or wait the timeout period in passive arm mode. The system is armed automatically when the doors are locked by remote.

#### To Disarm the Starter Disable

- Unlock the doors by remote or place the unit into valet mode.

## Retain Accessory Output

Retain Accessory output is activated as soon as key is turned to the ON position. When the key goes from ON to OFF position, the accessory output stays ON and a countdown period of 10 minutes is set. The output is turned OFF after 10 minutes or if a door is opened anytime during the countdown period.

Note: The Accessory Output is also turned off while starting the car.

## System LED Flash Rate

The LED will display the status of the system, to indicate if the starter kill is armed or disarmed. The LED will also indicate if the system is in valet mode or not (See "Valet operation" below.)

The following are LED conditions:

LED State	System Status	Mode
OFF	Starter kill Disarmed	Regular operation
ON Solid	Starter kill Disarmed	Valet Mode
Flashing slowly	Starter Kill armed	Regular operation
Flashing quickly	System is in rearming sequence	Passive arming Mode

## Valet Operation

The unit can be placed into alarm valet mode to stop alarm conditions or to disable the alarm functions and the anti-theft starter kill feature. While a vehicle stands in alarm valet mode, Panic mode and door locking / unlocking functions are still operational.

This system can remotely be placed in or out of valet mode: it is not necessary to access the vehicle.

### Enabling the Alarm Valet

1. Turn the key to the RUN position.
2. Within 5 sec. press and hold the valet button for about 3 seconds.
3. The parking lights will flash 3 times to indicate that the system has entered valet mode.
4. Release the valet button and turn the key to OFF position
5. The LED on the antenna will come on and stay lit to indicate that the alarm valet mode is enabled.

### Disabling the Alarm Valet

1. Turn the ignition to the RUN position.
2. Within 5 sec. press and hold the valet button for about 3 seconds.
3. The parking lights will flash twice to indicate that the system is out of valet mode.
4. Release the valet button and turn the key to OFF position
5. The LED will go out to indicate that the alarm valet is disabled.

### Remote Valet Operation

The system can be placed in or out of valet mode through the remote control. This means that the user does not have to enter the vehicle or switch the key to the RUN position to get in or out of valet mode.

To remotely place the system in or out of valet mode:

- Press and hold  +  buttons simultaneously for 3 seconds on the transmitter; the system will toggle in and out of valet mode:
  - Getting into valet mode, the parking lights will flash 3 times, the LED will come on and remain lit.
  - Getting out of valet mode, the parking lights will flash twice, the LED will go out.

## Parking Lights Flash Rate

Flashes & Chirps	Rate	Description
1	Quick	Locked by transmitter, system armed, starter kill armed
1	Quick	Car finder
2	Quick	<ul style="list-style-type: none"><li>•Unlocked by transmitter, system disarmed, starter kill disarmed</li><li>•System has exited valet mode</li></ul>
3	Quick	<ul style="list-style-type: none"><li>•Locked by transmitter while a door opened</li><li>•System has entered valet mode</li></ul>
4	Quick	Doors unlocked by transmitter with an intrusion occurred before unlocking the doors.
5	Quick	New transmitter programmed
8	Quick	Unit reset: Occurs when the unit is reset to factory defaults