

ASL-550

User Guide

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Introduction

Congratulations on the purchase of your new alarm system by Autostart! Whether you have chosen a 1-way system or a 2-Way system, you can now have the peace of mind of knowing that your prized possession is now 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 carefully this user guide 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.

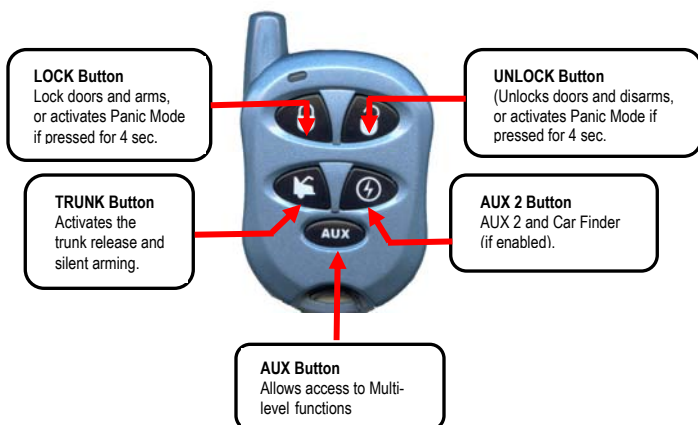
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

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.

One-Way Transmitter Functionalities

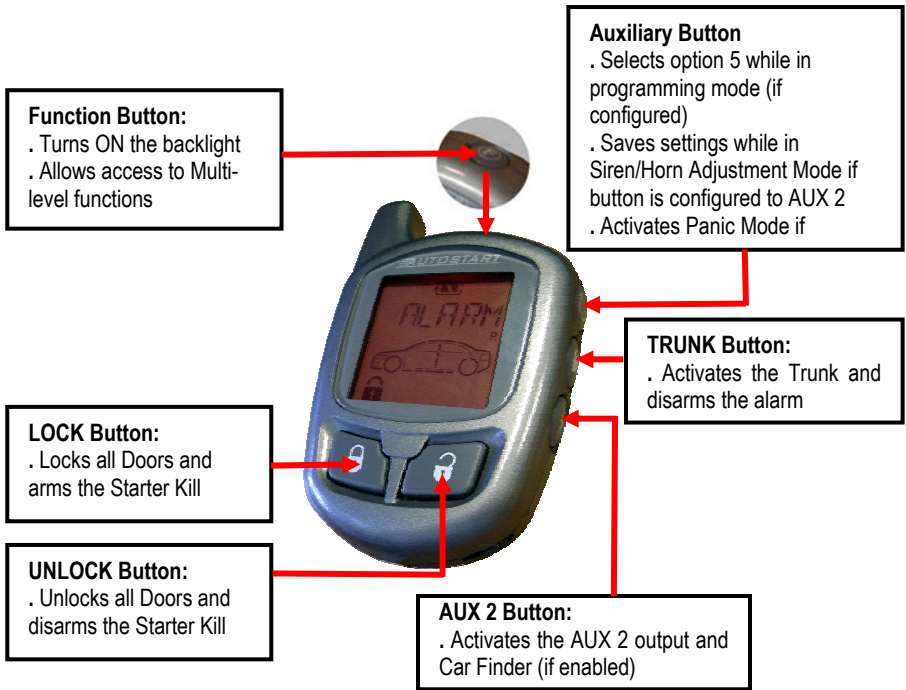


Picture serves as example only.

Transmitter Operation

BUTTON(S) to press	FUNCTION
	<ul style="list-style-type: none"> Locks doors. Arms Starter Kill (not in Alarm Valet). Dome light OFF (If programmed).
	<ul style="list-style-type: none"> Unlocks driver's door. Disarms Starter Kill (not in Valet) – rearm timer at 60 sec. Dome light ON for 60 sec. or until Ignition goes ON or LOCK is pressed (If programmed).
 or  (while siren sounding)	<ul style="list-style-type: none"> Mutes siren; system not disarmed. A second UNLOCK press is required to disarm, unless the passive arming mode with SINGLE-STAGE disarm is selected.
 (2 times)	<ul style="list-style-type: none"> Unlocks all doors (If Priority Door programmed).
	<ul style="list-style-type: none"> AUX 2 - 1 flash and 1 chirp (If Car Finder was enabled). Mutes siren — system not disarmed.
 (for 4 seconds)	<ul style="list-style-type: none"> Locks doors. Enters Panic Mode – siren ON for 60 sec., exits Valet Mode if Panic is triggered.
 (for 4 seconds)	<ul style="list-style-type: none"> Unlocks doors. Enters Panic Mode – siren ON for 60 sec., exits Valet Mode if Panic is triggered.
 (for 3 seconds)	<ul style="list-style-type: none"> AUX 3 output with 1-sec. pulse (Trunk Mode) or toggle ON / OFF (in Latch Mode). Mutes siren — system will disarm if Trunk is pressed.
 +  (for 3 seconds)	<ul style="list-style-type: none"> Valet ON or Valet OFF.

Two-Way Transmitter Functionalities





F button Functionality:
(By default)

F button	Press less than 3 seconds	LCD display	Press less than 1 second
1x	Level 1	L - 01	Enable backlight
2x	Level 2	L - 02	Enable backlight
3x	Level 3	L - 03	Enable backlight
4x	Enters programming mode	MENU	Enable backlight








Note: The order of LEVELS and MENU can be re-arranged in the menu option **FBPRO**.


Backlight:


Press and hold the **F** button (for more than 3 seconds and less than 5 seconds), to turn the Backlight **ON** for 3 seconds. If the **F** button is pressed down for more than 5 seconds, the backlight will stay **ON** until the **F** button is released. A quick way to access the backlight is to press the **F** button quickly (for less than 1 second); the backlight will turn on until the **MENU** operation ends.

Button 	Backlight
Press for < 1 second	Backlight ON until MENU operation ends.
Press for > 3 seconds and < 5 seconds	Backlight ON for 3 seconds.
Press for > 5 seconds	Backlight will stay ON until button  is released.

Selecting and adjusting Menu options:

- ◆ When in **MENU**, press  button to enter the menu.
- ◆ Press  button to move up in the menu or  button to move down in the menu.
- ◆ Press  button to select the option you would like to adjust.
- ◆ Press  button to increase the value or to activate or deactivate a function or toggle through the selection.
- ◆ Press  button to decrease the value or to activate or deactivate a function or toggle through the selection.
- ◆ Press  button to move to the next sub-option or go back to the main menu.

Order	Menu Option	LCD display	Function
1	Parking Menu	PARK	
	Parking hour	P 0:00 <i>0 is flashing</i>	Adjusts parking hour (value from 0 to 2).
	Parking minute	P 0:30 <i>30 is flashing</i>	Adjusts parking minute (value from 0 to 59).
	Toggle Parking countdown	P – ON +  Or P – OFF	Enables or disables parking countdown. There is a beep 5 min. before the Parking countdown reaches 0.
2	F Button Function Menu	FBPRO	F Button Programming
	FB Programming	1 2 3 M 2 3 1 M 2 1 3 M 3 1 2 M M 1 2 3	
3	Illumination Menu	ILLUM	
	Toggle Illumination Mode	ON Or OFF	ON – basic operation with backlight illumination. OFF – basic operation without backlight illumination.
4	Keypad Lock Time Menu	KELOC	
	Keypad lock time	05 10 20	When the SECURE is ON, Keypad will be locked automatically 5 sec./10 sec./20 sec. after the MENU operation ends.
5	Side Button Program Menu	SBPRO	AUX Button Programming
	Side Button Programming	PANIC AUX	When PANIC is chosen, pressing button activates PANIC Mode. AUX only used to select option 5 in programming mode.
6	Language Menu	LANGU	
	Language	ENG Or FRAN	English is default.

7	Clock Menu	CLOCK	
	Clock hour	12:00 12 is flashing	Adjusts clock hour (value from 0 to 12).
	Clock minute	12:00 00 is flashing	Adjusts clock minute (value from 0 to 59).
8	Confirmation Mode Menu	CONFM	
	Confirmation Mode	BZVIB Or BLITE	Buzzer and Vibration option Red Backlight option for Alarm
	Toggle BZVIB	BUZ Or VIB + vib ICON	Buzzer Vibration
	Toggle BLITE	ON Or OFF	Red backlight flashing when alarm No red backlight flashing when alarm
9	Backlight Color Menu	COLOR	
	Backlight	There are 8 different colors. C1-C8	Blue light is default C1-C8 color.
10	SECURE Menu	SECUR	
	Toggle lock remote	ON Or OFF	Locks the transmitter's keypad. ON – locks the transmitter's keypad. OFF – unlocks the transmitter's keypad.
11	VALET Menu	VALET	
	Toggle Valet Mode	ON Or OFF	
12	Alarm Clock Menu	ALARM	
	Alarm hour	A 12:00 12 is flashing	Adjusts alarm hour (value from 0 to 12).
	Alarm minute	A 12:00 00 is flashing	Adjusts alarm minute (value from 0 to 59).
	Toggle alarm	A – ON +  Or A – OFF	Enables or disables alarm.




Parking Countdown

This version of the countdown feature is particularly useful for keeping track of parking meter time: The user may quickly set up the countdown using the **Parking Menu**. The transmitter will beep once, 5 minutes before the Parking Countdown reaches 0.

Alarm Clock

The LCD remote control has a built-in alarm clock, which can be set up using the **Alarm Clock Menu**. Once the programmed time is reached, the remote will beep 6 times every minute until a button is pressed.



Valet menu


When this feature is enabled, press  for 3 sec. to enter Valet Mode. When this feature is disabled, press  +  buttons simultaneously.

Secure Remote feature

This feature is used to lock the keypad of the transmitter to avoid accidental button press. When the remote is locked and a button (except F button) is pressed, the LCD will display “PRESF” for 1 second and go back to the clock.

The transmitter keypad can also be locked as follows:

- Press  to go to Menu
- Within 3 seconds, press 

Press  for about 1 sec. to unlock the transmitter keypad. At the same time, the LCD screen will display “PRESb” for 1 sec. and then go back to the clock.







Clock Menu

The Clock menu is used to set the current time on your remote control.

F Button Function Menu

The order of LEVELS and MENU can be re-arranged using the F Button Function Menu.

Button Operation

Button	LCD	Sounder
Lock button	 + LOCK	1 beep
Unlock button	 + UNLOCK	2 beeps
Trunk button	TRUNK text + trunk lid up for 3 sec.	1 beep
AUX 2 button		1 beep
Auxiliary Button	PANIC - transmits PANIC Mode code AUX - transmits AUX code	
Unlock+Start button	Valet icon if pressed more than 3 sec.	1 beep
Lock+Unlock button	Same as AUX button	-
Trunk+Lock button (2nd car operation)	 + LOCK	1 beep
Trunk+Unlock button (2nd car operation)	 + UNLOCK	2 beeps
L --01 → Lock button		
L --01 → Unlock button		
L --01 → Trunk button		
L --02 → Lock button (2nd car unlock)	LOCK + 	1 beep
L --02 → Unlock button (2nd car unlock)	UNLOCK + 	2 beeps
L --02 → Trunk button (2nd car trunk)	TRUNK text + trunk lid up for 3 sec.	1 beep
L --03 → Lock button (Channel 1)		1 beep
L --03 → Unlock button (Channel 2)		1 beep
L --03 → Trunk button (Channel 3)		1 beep
L --03 → Start button (Channel 4)		1 beep

Features Available on your System

Relock doors

If you unlock the doors with the remote transmitter, but do not open any door or the trunk within 30 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, sounds the siren for 1 minute.

To activate Panic Mode:

- Press and hold the **UNLOCK** button for approximately 3 sec. until the sound signal starts and the parking lights flash: this will unlock the doors before the sound signal starts.
- Press and hold the **LOCK** button for approximately 3 seconds until the sound signal starts and the parking lights flash: this will lock the doors before the sound signal starts.










Or

- Press and hold auxiliary button for 3 sec. until the sound signal starts and the parking lights flash. **Note:** This will only work if auxiliary button is configured as Panic.













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.

For 1-WAY remote:





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

Or










-  →  →  Lock
-  →  →  Unlock
-  →  →  Aux 2
-  →  →  Aux 3

For 2-WAY LCD remote:

- Press and hold the **FUNCTION** button until you hear a “beep”. Within 3 seconds, release the **FUNCTION** button and **L-01** will appear on the LCD display. Press and hold the **FUNCTION** button once more until you hear another “beep”. **L-02** will be displayed. This display means that you are now in Multi-car Operation Mode. Simply press the corresponding button to access the desired feature:

-  **Lock**
-  **Unlock**
-  **Aux 2**
-  **Aux 3**

Or

-  +  simultaneously **Lock**
-  +  simultaneously **Unlock**
-  +  simultaneously **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 and hear 1 beep. 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. With a third press of the **UNLOCK** button, all the doors will unlock.

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.

When an intrusion from the door, hood, trunk, shock or ignition is detected, the 2-way LCD remote will send beeps or vibrate for about 60 seconds. At the same time, the LCD remote will display

“ALARM”, “Time” (the moment the Alarm was triggered) and “DOOR/HOOD/TRUNK/SHOCK” (depending on the type of alarm) alternately. The icons of door, hood, trunk and shock, as well as the red backlight, will be flashing (when the BLITE is set ON).

Alarm Type	LCD Text	Icon	Sound or Vibration
DOOR	ALARM + DOOR	Car front view outline + door open and close	60 seconds
HOOD	ALARM + HOOD	Car side view outline + hood up and down	60 seconds
TRUNK	ALARM + TRUNK	Car side view outline + trunk lid up and down	60 seconds
SHOCK	ALARM + SHOCK	Car front view outline + lightning rods flashing	60 seconds
IGNITION	ALARM + real time	NONE	60 seconds

The user can press the **LOCK** or **UNLOCK** button to stop the alarm (unless DUAL-STAGE Mode has been programmed – one press then only mutes the siren; the user needs to press twice in order to disarm the system).


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 will stay off.

For the two-way LCD remote, once the system is armed automatically, the “**LOCK**” will be displayed for 1 minute, and the  icon on the LCD screen.

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, or that the  icon is on the LCD screen (for the 2-way remote).

Disarming and Unlocking Doors

If the system was programmed in passive mode, to disarm the system and unlock the doors, press and hold 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 the **UNLOCK** button to enter the vehicle. 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.

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 starting of your vehicle. The system is selectable, passive or active arming; this means that you can have the unit arm itself (passive) after a pre-programmed period of time, or you can have control over the system (active) such that it will never arm itself.

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

To Arm the Starter Disable

- Lock the doors by remote or wait the time-out 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 the 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 L.E.D. Flash Rate

The L.E.D will display the status of the system, to indicate if the starter kill is armed or disarmed. The L.E.D will also indicate if the system is in Valet Mode or not.

The following are L.E.D conditions:

L.E.D 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.

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 will come on and stays lit to indicate that the Alarm Valet Mode is enabled. For the 2-way LCD remote, the **AV** icon will be displayed on the LCD.



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. For the 2-way remote, the **AV** icon will disappear from the LCD.






















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 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. For the 2-way LCD remote, the **AV** icon will be displayed on the LCD.
 - **Getting out of Valet Mode**, the parking lights will flash twice, the LED will go out. For the 2-way LCD remote, the **AV** icon will disappear from the LCD.

Or

- **To get into Valet Mode**, press the  button to go to the MENU.
- Press  to go to the next stage MENU; press  or  to go to the VALET MENU.
- Press  to go to the next stage MENU; press  or  to choose the CMVLT (COMBO VALET) Mode.
- Press  to go to the next stage MENU; press  or  to choose the ON.
- Press and hold  for 5 seconds.
- The parking lights will flash **3 times** and the LED on the antenna will remain **ON** solid.
- The **AV** icon will appear on your LCD remote.
- **To get out of Valet mode**, press the  button to go to the MENU.
- Press  to go to the next stage MENU; press  or  to go to the VALET MENU.
- Press  to go to the next stage MENU; press  or  to choose the CMVLT (COMBO VALET) Mode.
- Press  to go to the next stage MENU; press  or  to choose the ON.

- Press and hold  for 5 seconds.
- The parking lights will flash **2 times** and the LED on the antenna will turn **OFF**.
- The **AV** icon will disappear on your LCD remote.

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"> • Unlocked by transmitter, system disarmed, Starter Kill disarmed. • System has exited Valet Mode.
3	Quick	<ul style="list-style-type: none"> • Locked by transmitter while a door opened. • System has entered Valet Mode.
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.