



USERS GUIDE

Remote keyless entry alarm for the Cadillac Allante

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IMPORTANT: PLEASE READ ALL INSTRUCTIONS, WARRANTY AND LIABILITY INFORMATION BEFORE USE!

Product overview

The KeeSmart keyless alarm system has been designed specifically for use in all model year Cadillac Allante's. All functions are controlled by a three-button key-chain style remote. The "KeeSmart Module" (KSM) replaces the factory Cadillac "Theft Deterrent Module" (TDM). By utilizing the vehicles existing plug connection, installation has been greatly simplified. The simple "plug and go" install requires no wiring and will provide all basic keyless entry and alarm functions. Additional connections are also supplied for optional features like trunk and fuel door release. Unlike the basic features, optional features do require additional wiring and/or controls.

Note: A keyless entry system can over time drain your vehicles battery if the vehicle goes unused. If your vehicle sits for two or more weeks at a time then a trickle type battery charger is recommended.

Basic features:

- "Plug & Go" installation < simple to install factory like plug in module >
- Code hopping remote < patented technology, impossible to scan >
- Chirp and no chirp < select or silent chirp(s) via remote >
- Passive and active arm < set automatic or manual arm via remote >
- Self learning remote(s) < no codes to set, learn up to seven remotes >
- Horn ready operation < uses existing horn, no siren needed >
- Dash light indicator < factory dash light provides system status >

Optional features:

- Trunk release < open trunk via remote control >
- Fuel Door Release < open fuel door via remote control >
- Key-in ignition safety < prevents arming if key is left in ignition >
- Illuminated entry < turns on interior lights when disarmed >
- Window up / down < control windows via remote control >

System operation

Alarm operation: While "armed" opening a door or turning on the ignition will trip and sound the alarm. If not "disarmed" the horn will continue to sound for two minutes. Once the horn times out the system remains "armed". If in your absence the alarm is tripped the horn will chip a third time when "disarmed" thus indicating an event.

Control functions: As shown in the following table some functions require multiple button entries. These entries must be consecutive, one after the other. A delay of more than two (2) seconds will break the sequence. At this time buttons pressed simultaneously have no intended meaning or use.

Remote operation: The normal remote button down time requirement is approximately one (1) second. This provides good response while preventing accidental entries. When a button down is detected the "Theft System Armed" indicator will in most instances flash. The remote does not continuously repeat its transmission if its button is held down, only one code shot per button down is sent. The remotes supplied with your system have been programmed or "learned" during testing. Additional and/or replacements can be "learned" at any time.

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System range: Under ideal conditions range can at times exceed 150 feet. Realistically, a 50 to 100 foot range is normal even under adverse conditions. A range of less than 50 feet in an open area should be suspect. Adjust the angle or location of the antenna for best results. The batteries used in the remote(s) should be checked periodically. For optimum range replace the battery at least once every two (2) years.

REMOTE BUTTON FUNCTIONS

CONTROL FUNCTION	Entry 1	Entry 2	NOTES:	IGNITION
Lock doors & arm system	Button 1	-	One chirp, (button also disarms)	Off
Unlock & disarm system	Button 1	-	Two chirps. (button also arms)	On / Off
Silent chirp (arm or disarm)	Button 2	Button 1	Press consecutively, no chirp	Off
Set passive arm mode	Button 2	Button 2	Press twice, one chirp = passive	On
Set active arm mode	Button 2	Button 2	Press twice, two chirps = active	On
Panic / vehicle locator	Button 2	Button 3	Press 2 then 3, Press 1 to silent	Off
Trunk release (option)	Button 3	-	Press only once, 2 sec delay	*Note
Fuel door release (option)	Button 3	Button 3	Press consecutively, no chirp	*Note
Window up (option)	Button 1	Button 3	Press 3 immediately after arming	Off
Window down (option)	Button 1	Button 3	Press 3 immediately after disarming	Off

*Note: for safety reasons this function will operate with the ignition "on" or "off" but when "on" a door must be open.

Passive Arming: In the "passive mode" the system will attempt to automatically lock and arm the vehicle ten (10) seconds after the last door is closed. During this ten (10) second delay you may reopen the door without tripping the alarm, once closed a new delay begins. A disarm by the remote will always suspend the passive arm feature. An opened and closed door will not restart the feature once it is suspended. Only when the ignition goes from on to off will the feature be ready to start again. Using this scheme prevents the system from inadvertently arming while the ignition is off. For security reasons "Passive" is the preferred method of operation.

IMPORTANT: To prevent accidental lock out always remove your keys from the vehicle before exiting.

Active Arming: In the "active mode" the user must lock and arm the vehicle with the remote. Unlike passive, the system will not lock and arm automatically. Always remember to secure your vehicle when in this mode.

Key in ignition: If and when the ignition key is in the lock cylinder the "passive" feature will be disabled. Although this input is optional its use is highly recommended for those systems operating in the "passive" mode. Utilizing this feature will prevent accidental lockout in the event the key(s) is left in the ignition.

Illuminated entry: This option automatically turns on the interior lamps once the system is disarmed. This feature works in-conjunction with the vehicles existing lighting circuit and "daylight sentinel" sensor.

Optional Control Outputs: If used, Trunk, Fuel and Window operations can be controlled via the remote. Although only recommended the outputs do not necessarily have to control the accessories listed. For example one may prefer seat control or auto start over window down or trunk release. In all, there are four (4) individually controlled outputs. When and how an accessory is used usually relies on it's sequence of events. For example you would normally want a seat memory function upon entry thus the "Window Down" output would work best.

Central door unlocking: This factory feature is no longer supported. Although it will still function to unlock the doors it will not disarm the KSM. All functions pertaining to the factory TDM are no longer applicable.