

USERS MANUAL

This unit is designed for professional installation only.

For Warranty Information:
Please visit our website at www.magnadyne.com

2-WAY LCD REMOTE CONTROL - SLRF90



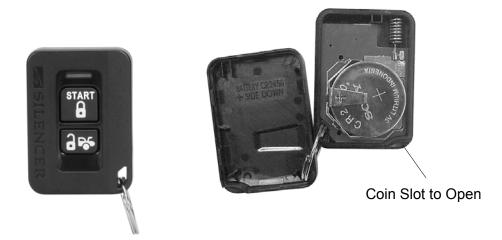
A. CHANGING THE BATTERIES

BATTERY REPLACEMENT: SLRF90

The Two-Way remote transmitter is powered by one "AAA" Battery. When the power of the battery weakens a icon shall be displayed on the LCD screen. When the old battery is replaced, there will be beep sounds to indicate the power is back up on the transmitter.

BATTERY REPLACEMENT: SLRF902

One-way remote is powered by one CR2450 Battery.



B. STANDARD LCD ICON CONFIGURATIONS



The lock icon will be displayed when the doors are locked



The unlock icon will be displayed when the doors are unlocked



Valet Mode

All the functions shall be temporarily on hold



Driver pagingSomeone is paging you from your



Hood Trigger

Hood is illegally opened



Trunk Trigger

vehicle

Trunk is illegally opened



Door Trigger

Doors are illegally opened



Sensor Bypass

Sensor bypass under Arm mode



Ignition Trigger (icon flash)

Ignition switch was illegally turned on



Button Lock (icon on)



Remote Transmission

You are transmitting the signal to control unit



In – Range Indicator

You are within the range of the remote control



2nd Car Operation



System trigger



Activate Channel 3 (Trunk Release)

,

00:00

Parking Meter

Reminder when time is up for parking



Time Monitor



Low Battery

You have to replace battery of remote control



Melody Mode

Alarm Clock

Remote Control alerting user through melody sound



Power Save

(battery icon full bar flash)



Engine Cranking

Your vehicle engine Cranking by remote control



Vibration Mode

Remote Control vibrates when the system is triggered



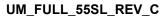
Timer Control Start

Engine start automatically every 2 or 3 hours



Engine Running

Your vehicle's engine is running



OPERATION

C. REMOTE TRANSMITTER OPERATION:

(SLRF90 2-WAY LCD ONLY)

Transmitter Button	System Function	Remark
	Lock Doors & Arm System	
a	Panic Function	Press and hold for 3 seconds. Press Trunk 6 button to stop panic function.
	Car Locator	Press when in armed mode.
- + -	Silent Lock / Unlock	Press at the same time.
a	Unlock Doors & Disarm System	
2-2	Two Steps Door (optional)	Press twice within 3 seconds.
≈	Trunk Release (Channel 3)	Press and hold for 3 seconds
*	Activate or Turn Off The Remote Start	Press button once. ** Press Twice if set to start safety mode.
% + *	Switch Code for 2nd Car Operation	For SL-91 remote transmitter only.

(SLRF902 1-WAY ONLY)

Transmitter Button	System Function	Remark
START	Push & Release (1 LED Flash) = LOCK All Doors	
START 👸	Push & Hold for 2 Seconds (2 LED Flashes) = Remote Start Initiate On "Default Control Setting"	When the Default Remote Start Control Setting is Changed to the Option Setting, 2 button Press Cycles are Required. Push and Hold Button for 2 Seconds (2 LED Flashes), Release Button and Press/Hold Button Again for 2 Seconds (2 LED Flashes) to Initiate Remote Start On.
START 6	Push & Hold for 3 Seconds (3 LED Flashes) = Remote Panic On	Reverse Operation for Panic Off
3 ₩	Push & Release (1 LED Flash) = UNLOCK All Doors	No Chirp When Running on Remote Start. With Chirp Any Other Time.
3 ≈	Push & Hold for 2 Seconds (2 LED Flashes) = CH #3 Trunk Release Pulse Output On	

D.

CHIRP INDICATORS:

Chirp	Function	
1 chirp	Lock	
2 chirps	Unlock	

PARKING LIGHT:

Parking light	Function
1 flash	Lock
2 flashes	Unlock
ON	Running on remote start

LED INDICATORS:

LED	Function	
Off	Unlock	
Slow Flash	Locked	
On (Solid)	Valet Mode	

WARNINGS

As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.

- Keep the transmitter out of children's reach.
- · Do not leave anyone in the vehicle while running on remote control.
- · Alert servicing personnel that the vehicle can be started automatically.
- Do not start the vehicle by remote while it's in an enclosed area or garage.
- Always apply the parking brake and lock the vehicle as you exit the vehicle.
- The vehicle windows must be rolled up.
- Should the unit malfunction, disconnect the fuse until the problem is corrected.
- The use and operations of this system are the sole responsibility of the operator.
- Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.
- THIS DEVICE CANNOT BE USED ON ANY STANDARD TRANSMISSION VEHICLE.
 FOR AUTOMATIC TRANSMISSIONS ONLY!

E. ACTIVE LOCK

Press **a** button on the transmitter.

The horn will chirp once and parking light will flash once indicating that the system is now locked. The vehicle's doors will lock upon arming if interfaced with the security system.

SILENT Lock / Unlock: Press the transmitter and and buttons at the same time. This will lock or unlock your security system, No chirp sound will be heard and lock / unlock confirmation will be through the vehicles parking lights only.

F. ACTIVE UNLOCK

- 1. Press **a** button on the transmitter.
- 2. The horn will chirp twice and the parking lights will flash twice indicating that the security system is now disarmed. The vehicle's doors will unlock and the dome light will turn on for 30 seconds upon disarming. (Note: Power door locks and domelight supervision must be installed with the system.)

PATHWAY ILLUMINATION: When receiving an unlock /disarm signal, this feature will turn the parking lights "ON" for 30 seconds and for 10 seconds receiving a the lock signal. (Programmable)

TWO STEPS DOOR UNLOCK (Optional): This feature will independently unlock the driver's door only when disarming the system. Pushing the **a** button a second time within 3 seconds will unlock the other doors.

G. DEACTIVATING WITHOUT A TRANSMITTER

OVERRIDE THE ALARM WITHOUT A PASSWORD PIN CODE: (Factory Default Setting)

The Override function may be used if the remote transmitter is lost or inoperative.

- 1. Enter the vehicle and turn the ignition switch to the "ON" position.
- 2. Within 10 seconds push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

H. VALET MODE

VALET MODE: (System is in Disarm Mode)

The valet switch allows you to temporarily bypass all functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all functions and remote start functions are bypassed, however, the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual Override sequence.

Get into/out valet mode using the ignition key.

Enter Valet Mode:

- a). Under disarm mode, turn the ignition to "ON/OFF/ON" position.
- b). Press and hold valet switch for 2 seconds until the LED turns "ON" solid. The LED will remain on as long as the system is in 'valet mode.

Exit Valet Mode:

- a). Turn ignition "ON/OFF/ON".
- b). Push and hold valet switch for 2 seconds. The LED will turn off indicating the system is exiting the valet mode.

I. CAR LOCATOR

Under armed mode, press the button to activate car locator function. The horn will chirp 6 times and the parking lights will flash 12 times to assist you in easily locating your car.

J. PANIC FUNCTION

The transmitter can be used as a remote panic switch to manually trigger the horn in case of an emergency.

- 1. Press and hold the $oldsymbol{\Omega}$ button for 3 seconds. The alarm will immediately sound.
- 2. During panic mode, the normal function of this transmitter button will be disabled. The transmitter and buttons can be used to lock and unlock the door (if the option is installed). However once the button is pressed, the vehicle's starter disable device (where installed) will be disengaged, allowing the vehicle to start.
- 3. To stop the alarm, press the trunk **6** button on the remote control. If the button is not pressed, the alarm will automatically stop after 30 seconds.

K. IGNITION CONTROL DOOR LOCK/UNLOCK (Programmable Feature)

If the vehicle's door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned "**OFF**" and /or unlock the vehicle's doors when the ignition is turned "**OFF**". (Default setting is "**OFF**") **Note:** If doors are open upon starting the engine, the doors will not lock.

L. TRUNK RELEASE (CHANNEL 3) OUTPUT

Press and hold the 🎏 button on the transmitter for 3 seconds to remotely control the trunk release.

M. POWER ON MEMORY

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

N. CLEAR THE FLASHING TAMPER WARNING MESSAGE ICON (Applies to the LCD Transmitter Only)

The flashing warning message icons in the LCD display will clear and reset when the transmitter is used to lock the vehicle. Also, Locking then Unlocking the system will clear the flashing icons.

O. STOP THE TRIGGER MELODY SOUND (Applies to the LCD Transmitter Only)

While triggering the alarm, the LCD screen will alert the user through a melody sound and a flashing trigger icon. Press any button on the LCD remote transmitter to stop the melody sound only.

REMOTE START OPERATION

A. TO REMOTE START THE VEHICLE:

When you want to start your vehicle;

- 1. Press the * button once on the transmitter. (Applies to SLRFR90 LCD Transmitter Only)
- 2. Press and hold button for 2 seconds (2 LED Flashes) (Applies to SLRF902 Standard Transmitter Only)
- 3. The parking light will activate to indicate the remote start received the signal.
- 4. The engine will start in approximately 5 seconds.
- 5. Once the engine is running, after a couple seconds the parking lights will turn on and the climate controls will activate and adjust the vehicle's interior temperature to your preset settings. (While the vehicle is running, the "minutes" digit on the LCD screen will flash and will indicate the countdown timer based on the 5, 10, 20 or 30 minute run time set up by your installation center.)
- 6. The vehicle will run for a programmable 5 to 30 minute cycle before shutting down. (When the unit shuts off the countdown timer will turn off and the transmitter will play a melody.)

NOTE: The Remote Start Unit will not start the vehicle if any one of the following conditions exists:

- 1. The hood is opened.
- 2. The brake pedal is pressed.
- 3. The optional remote start enable toggle is switched to the "OFF" position. (If installed)
- 4. The gear selector is in any gear other then "PARK" or "NEUTRAL".

PROGRAMMABLE SAFETY START (Child safety mode)

By default, your Silencer remote starter is programmed to start/stop after pressing the *button 1 time. This default setting can be re-programmed to require 2 presses of the *button to remote start/stop the vehicle. This setting is known as "Child Safety Mode".

Contact your installer to reprogram this feature if needed.

B. OPERATE THE VEHICLE WHILE RUNNING FROM THE REMOTE START

To operate the vehicle while the engine is running from the remote start,

- 1. Insert the ignition key and turn it to "ON" (not the start) position.
- 2. Press the brake pedal.

Note: If the brake pedal is pressed before the key is in the "ON" position, the engine will shut down.

C. TEMPORARY STOP FEATURE

This feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate control on.

- 1. Before turning off the engine, press the *button once on the transmitter and the LED indicator will flash 3 times to confirm enter.
- 2. Turn the ignition key to "OFF" position. (The engine will stay running.)
- 3. The engine will run until the pre-programmed time has elapsed or shutdown input is received.

D. TO TURN OFF THE REMOTE START

When the engine is running (by remote start) and you want to stop it;

START

- 1. Press * button on the LCD remote transmitter or press and hold button for 2 seconds (2 LED flashes) on the Standard transmitter.
- 2. Move the optional remote start enable toggle switch to "OFF" position. (If installed)
- 3. Press the brake pedal

The vehicle will shut down and turn off the parking light to indicate that the engine has stopped.

E. SHUT-DOWN INPUT FOR REMOTE STARTER

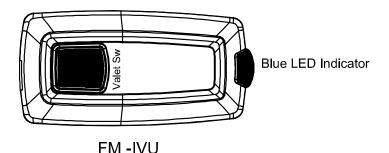
If any of the following conditions exist while the system is operating, the engine will not start or will shut down immediately:

- 1. The hood is opened.
- 2. The brake pedal is pressed.
- 3. The parking (hand) brake is released (For Turbo Timer Mode).
- 4. Engine is over-revved. ("Tachometer checking type" only).
- 5. The pre-programmed run time (5 /10 / 20 / 30 minutes) has elapsed.
- 6. Press * button on the remote transmitter under remote start mode.
- 7. The system trigger.
- 8. The vehicle refused to start running after 3 unsuccessful attempts.

ANTENNA

The long range antenna should be located somewhere on the windshield of the vehicle.

This antenna also contains a blue status LED as well as the Valet Button / Switch.



TRANSMITTER PROGRAMMING

Enter:

- 1. Turn the Ignition 'switch "OFF/ON" 3 TIMES and stay in "ON" position. Within 15 seconds.
- 2. Push the Valet switch 3 times and hold in on the 3rd push. When a long chirp is heard, release the valet switch. You are now in the Transmitter programming mode.

Program:

- 1. Press any button on transmitter until the siren responds with a confirming chirp; the first transmitter is now programmed.
- 2. Press any button on the second transmitter until the siren responds with a confirming chirp; the second transmitter is now programmed.
- 3. Apply the same procedure to program 3rd and 4th transmitters.

Fxit:

Turn Ignition to the "OFF" position, or leave it for 15 seconds. 3 long chirps and 3 parking light flashes will confirm exit.

Note: If more than 4 transmitters programmed, the system will only keep the last four.

ADVANCED USER'S MODE

LCD REMOTE CONTROL PROGRAM SETTINGS

Table 1: Pre-Arm Settings

ENTER: Press & hold "F" button until one beep is heard then release F-button. Next, press F button within 5 sec. to move forward to the feature option you want to program.

F Button	LCD Display Indicator	Button
Press and hold the F Button until 1 beeps sound	1 – 1 🚧 icon On	Press 🏍 button to enable the alarm arm and bypass the Shock Sensor.
Press and release the F button a 2 nd time (1 beep)	1 – 2 (i con On	Press 🏍 button to enable the alarm arm with Hidden Alarm Function.
Press and release the F button a 3rd time (1 beep)	1 – 3 (3) icon On	With the ignition key in the "on" position, press the se button to activate the anti-car jacking functions. Note: The anti-carjacking feature must be programmed on at installation for this feature to operate
Press and release the F button a 4th time (1 beep)	1 - 4 No Function	

EXIT: Press & hold "F" button for 2 sec. or do nothing for 5 sec. for automatic exit. (1 beep = Confirm Exit)

Table 2: System Check Functions

ENTER: Press & hold "F" button until 2 beeps are heard then release F-button. Next, press "F" button within 5 sec. to move forward to the feature option you want to program.

F Button	LCD display Indicator	Button
Press and hold the F button until 2 beeps are heard	2-1 (2- Way LCD Manual Program Mode)	Press & button twice to enter programming menu mode for clock setting (see below)
Press and release the F button a 2 nd time (1 beep)	2-2 STATUS CHECK	Press 🏍 button to enable vehicle's status check.
Press and release the F button a 3rd time (1 beep)	2-3 ALARM CHECK	Press 🏍 button to enable vehicle's trigger status check.
Press and release the F button a 4 th time (1 beep)	2-4 VOLTS CHECK	Press 🏍 button to enable vehicle's voltage check.
Press and release the F button a 5th time (1 beep)	2 – 5 No Setting	No Setting Available

EXIT: Press & hold "F" button for 2 sec. or wait for 5 sec. for automatic exit. (1 beep = Confirm Exit)

Table 3: LCD Programming

ENTER: Press & hold "F" button until 2 beeps are heard and then release;

- 1. The LCD will display " **2 − 1**". Press the **★** button twice to enter Clock Setting Mode (21 1). (The LCD will display the clock and the hours will be flashing (12:00).
- 2. Press ■ button to increase value, or Enable the selected feature.
- 3. Press **a** button to decrease value, or Disable the selected feature.
- 4. Press **№** button to confirm its selection, move to the next setting

Order	Menu Option	LCD display	Functions
1st	Clock Setting	21 1	Default is 12:00 (Only on first time setting)
	Adjust clock hours	12:00	Press button = (+) or Press button = (-)
	from 0 to 12	12 : 00 12 is flashing	Press button confirm its selection, move to
			the minutes setting.
			Press a button = (+) or
	Adjust clock minutes	12: <u>00</u>	Press ⊇ button = (-)
	from 0 to 59	00 is flashing	Press № button confirm its selection, move to
			next option (21 2).

2nd	Alarm Clock set up	21 2	Default is OFF
	Adjust Alarm Clock hours from 0 to 12	12:00 12 is flashing	Press ♣ button = (+) or Press ♣ button = (-) Press ♣ button confirm the selection, move to the minutes setting.
	Adjust Alarm Clock minutes from 0 to 59	12: <u>00</u> 00 is flashing	Press button = (+) or Press button = (-) Press button confirm the selection, move to next option (On/Off setting).
	Select Alarm Clock Enable or Disable	ON + LCD Icon # or OFF	Press ♣ button = ON or Press ♣ button = OFF Press ♣ button confirm the selection, move to next option (21 3).
3rd	Parking Meter countdown	21 3	Default is OFF
	Adjust Parking Meter countdown hours from 0 to 2	<u>0</u> : 00 0 is flashing	Press ♣ button = (+) or Press ♣ button = (-) Press ♣ button confirm its selection, move to the minutes setting.
	Adjust Parking Meter countdown minutes from 0 to 59.	0 : <u>30</u> 30 is flashing	Press button = (+) or Press button = (-) Press button confirm its selection, move to next option (On/Off setting).
	Select Parking meter countdown Enable or Disable	ON + O or	Press ♣ button = Enable or Press ♣ button = Disable Press ♣ button confirm its selection, move to next option (21 4). Note: There is a beep warning at 5 min. before parking countdown reaches 0.
4th	Power Save	21 4	Default is OFF
	Select Power Save Enable or Disable	SAVE or OFF	Press button = Enable or Press button = Disable Note: When power save mode is ON, the LCD remote uses "0" battery current. Pressing any button on the remote switches the "SAVE" mode to OFF. Press button confirm its selection, move to next option (21 5).

5th	Function Indicator Setting	21 5	Default is Buzzer
	Transmitter confirmation by melody or vibration or both	-1 or }∮{ or -1 + }∮{	Press button = Melody (3 presses = both) Press button = Vibration (3 presses = both) Press button confirm the selection, move to next option (21 6).
6th	Second Car System Control	21 6	Default is CAR 1 (C - 1)
		C – 1 or C - 2	Press \triangle = CAR 1 operation (C – 1). Press \triangle = CAR 2 operation (C – 2) Press \triangleright button confirm the selection, move to next option (21 7).
7th	Backlight turn off delay	21 7	Default is OFF
		3 SEC. or 5 SEC. or OFF	Press 1 time = 3 sec. Press 2 times = 5 sec. Press 3 times = OFF.
8th	Transmitter Button Lock	21 8	Default is OFF
		(► (Flashing)	Press ♣ button = Enable (Icon flashing) or Press ♣ button = Disable (Icon not displayed) Note: Once the button lock feature is active you must re-enter programming mode to turn it off. Press & hold " F " button until 2 beeps are heard then release. You will auto skip to the 21 8 program mode Press ♣ button to disable.
9th	CAR ICON Illumina- tion	21 9	Default Car icon is OFF
		Icon displayed or not	Press ♣ button = ♠ always displayed or Press ♣ button = ♠ displayed when required by the 2- way information system
10th	No Setting	21 10	No Setting Available

Table 4: Remote Start Quick Feature Programming

ENTER: Press & hold "F" button until 3 beeps are heard then release;

LCD displays flashing Ω icon first, press and release "F" button to move blinking cursor to the desired icon that you want to program.

Press the **%** button to enable the feature.

Note: Cursor method: a constant illumination means the selected feature is enabled.

Exit: Press & hold "F" button for 2 seconds or do nothing wait for 5 seconds for automatic exit. (1 beep) = Confirm Exit.

F Button	LCD display	Button
Press and hold the "F"	3 - 1	Press № button to enable Turbo Timer mode.
Button until <u>3</u> beeps have sounded	1con flashing	icon flash = Enable lcon Off = Disable
Press & Release "F" button to move cursor flash to Daily Start icon	3 – 2 then 24H No Setting	No Setting Available
Press & Release "F" button to move cursor flash to TIMER START icon	3 – 3 Timer Start icon Flashing	Press ➤ button to enable Timer Start mode. Icon On = Enable Icon Off = Disable

E. TIMER START:

Timer Start: Your Silencer System can be programmed to start and run the engine every 3 / 2 hours depending on the initial setup programming (Default timing is 3 hours).

IMPORTANT: Timer Start should be used only in open areas, never start and run the vehicle in an enclosed space such as a garage or carport.

TIMER START:

Enter:

- 1. Turn the Ignition key On then Off
- 2. Within 15 seconds, press and hold the "F" button on the LCD remote until 3 beeps sound. Release and press the "F" button (2) more times until the LCD displays the ♠ icon flashing. Press ♣ button to activate Time Start. The ♠ icon will illuminate on LCD display, parking light will flash and siren chirps 3 or 2 times to confirm. The vehicle is now programmed to start every 3 or 2 hours. (Default setting is 3 hours (3 light flashes, 3 horn chirps) unless programming was changed)

Exit: Turn the Ignition On (LED and parking light flash 4 times, and siren chirp 4 times confirm exit Timer Start). Press the
☐ or ☐ button to turn off icon on 2-way remote.

Table 5: Return All Transmitter Settings and Programming to the default settings Enter: Press & hold "F" button until 4 beeps heard, release F-button.

F Button	LCD display	Button
Press and hold	<u>3 – 1</u>	Press & hold № button for
the F Button until		2 seconds to return all settings
4 beeps sounded		back to default, (1 chip to confirm)

EXIT: Press & hold "F" button for 2 sec. or wait for 5 sec. for automatic exit. (1 beep = Confirm Exit)

SILENCER LIMITED LIFETIME WARRANTY

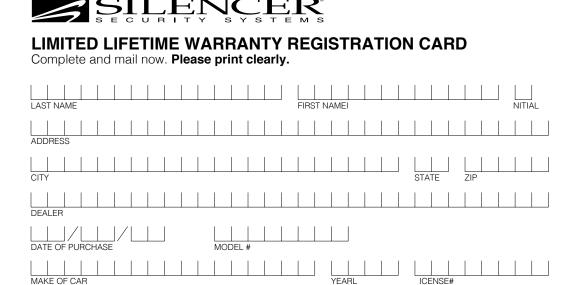
Magnadyne Corporation or its authorized agents will, for the life of the vehicle and to the original purchaser, repair, replace or refund the retail sales price of said product or any part thereof, at the option of the Magnadyne Corporation or its authorized agents, if said product or part is found defective in materials or workmanship, when properly connected and operating on the correct power requirements designated for the specific product. This warranty and Magnadyne Corporation or its authorized agents obligations, hereunder do not apply where the product was: damaged while in the possession of the consumer, subjected to unreasonable or unintended use, not reasonably maintained, utilized in commercial or industrial operation, or serviced by anyone other than Magnadyne Corporation or its authorized agent, or where the warning seal on the product is broken or the power plugs or wires are detached from the unit. Magnadyne Corporation or any of its authorized agents do not assume any labor costs for the removal and reinstallation of any product found to be defective, or the cost of transportation to Magnadyne Corporation or its authorized agents. Such costs are the sole responsibility of the purchaser.

This warranty does not cover the cabinet, appearance items, normal wear and tear or accessories used in connection with the product resulting from improper installation, alteration, accident, misuse, abuse or acts of nature.

This Limited Life Time Warranty applies only to the receiver section of the security system. Neither the siren, transmitters, wire harness or any accessory item added to or used with a Remote Mobile security system are covered by this Limited Life Time Warranty. Sirens, transmitters, wire harness or any accessory item are covered by our standard 12 month limited warranty.

Magnadyne Corporation or its authorized agents shall not be liable to anyone for consequential or incidental damages or claims that may arise due to failure of product to operate properly except those accorded by law. Magnadyne's or its authorized agents liability to the repair, replacement of the product as stated above if all conditions of the warranty are met. No expressed warranty or implied warranty is given except those set forth herein. Magnadyne does not warrant or guarantee against break in damage or the theft of the vehicle in part or whole, or against the loss or damage to the contents of any vehicle in which a security system is installed. Magnadyne security systems are only a deterrent against possible theft.

This warranty extends only to the original purchaser of the product and for the vehicle in which it was originally installed. This warranty is not transferable or assignable to any person or vehicle. Defective merchandise should be returned to the original point of purchase or secondly to Magnadyne Corporation, 1111 W. Victoria Street, Compton, CA 90220. A return authorization must be obtained before sending, or merchandise may be refused.



It is the purchaser's responsibility to register this product for any future warranty service.

Warning: Some batteries may contain Perchlorate

What is Perchlorate? Perchlorate is both a naturally occurring and manmade contaminant increasingly found in groundwater, surface water and soil. Most perchlorate manufactured in the U.S. is used as an ingredient in solid fuel for rockets and missiles. In addition, perchlorate-based chemicals are also used in the construction of highway safety flares, fireworks, pyrotechnics, explosives, common batteries, and automobile restraint systems. Perchlorate contamination has been reported in at least 20 states. Perchlorate greatly impacts human health by interfering with iodide uptake into the thyroid gland. In adults, the thyroid gland helps regulate the metabolism by releasing hormones, while in children; the thyroid helps in proper development. Perchlorate is becoming a serious threat to human health and water resources. "Perchlorate Material – Special handling may apply." For more information, go to http://www.dtsc.ca.gov/hazardouswaste/perchlorate/