

 **SILENCER**<sup>®</sup>



DIALED-IN DIGITAL

**75SL**

**Two-Way 5-Channel Remote Start  
Security Keyless Entry System**

# USERS MANUAL

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This unit is designed for professional installation only.

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For Warranty information:  
Please visit our website at [www.magnadyne.com](http://www.magnadyne.com)

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## LCD REMOTE CONTROL TRANSCEIVER:

### A. CHANGING THE BATTERY

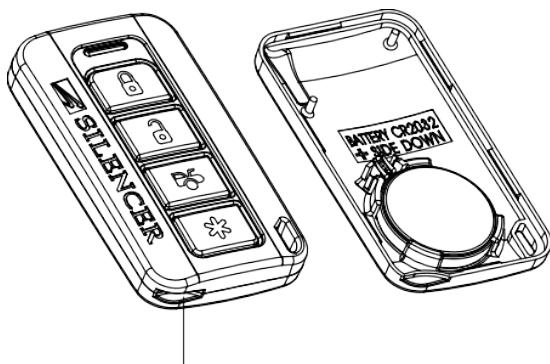
#### BATTERY REPLACEMENT: SLRF752

The Two-Way remote transmitter is powered by one “AAA” Battery. When the power of the battery weakens the  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: SLRF751

















The One-way remote is powered by one CR2032 Battery. To replace the battery, use a coin or small flat blade screwdriver to carefully pry apart case



Small Flat Blade  
Screwdriver or Coin

## B. STANDARD LCD ICON CONFIGURATION:

	The lock icon will be displayed when the <b>doors</b> are locked.
	<b>Hidden Alarm Mode</b> The security system <b>is armed</b> with a hidden alarm function (silent alarm)
	<b>Door Trigger (Zone 1)</b> Door is illegally opened
	<b>Trunk Trigger (Zone 2)</b> Trunk is illegally opened
	<b>Hood Trigger (Zone 3)</b> Hood is illegally opened.
	<b>Shock Sensor Trigger (Zone 5)</b> No Icon = Shock Sensor Bypass With Icon = With Shock Sensor Icon Flashing = Shock Sensor trigger
	<b>Ignition Trigger (Zone 4)</b> (Icon flash) Ignition switch was illegally turned on.
	<b>Engine Cranking</b> Your vehicle engine <b>is</b> cranking by remote control.
	<b>Timer Control Start</b> Engine starts automatically every 2 or 3 hours
	<b>Temperature Control Start</b> Engine will start at a specified temperature
	<b>Manual Transmission Mode</b>
	<b>Driver Paging</b> Someone is paging you from of your vehicle.
	<b>Remote Transmission</b> You are transmitting the signal to control unit.
	<b>Low Battery</b>
	<b>Melody Mode</b>
	<b>Alarm Clock</b>

	The unlock icon will be displayed when the <b>doors</b> are unlocked.
	<b>Valet Mode</b> All alarm and remote start functions shall be temporarily off.
	<b>Door Ajar</b>
	<b>Trunk Ajar or Trunk Release</b>
	<b>Hood Ajar</b>
	<b>Tilt Sensor Trigger (Zone 6)</b> No Icon = Tilt Sensor Bypass With Icon = With Tilt Sensor Icon Flashing = Tilt Sensor trigger
	<b>System Trigger or Panic mode</b>
	<b>Engine Running</b> Your vehicle's engine is running
	Display the set up Running time interval 2 / 3 / 24 Hours
	Display the set up start temperature
	<b>2<sup>nd</sup> Car Operation</b>
	<b>Button Lock (Icon on)</b>
	<b>In – Range Indicator</b> You are within the range of the remote control.
	<b>Power Save</b> Reduces battery consumption
	<b>Vibration Mode</b>
	<b>Parking Meter</b> Reminder when time is up for parking

### C. REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
	Arm & Lock Doors	Press the Lock button for a half second
	Silent Arm & Lock Doors	Press and hold for 1.0 seconds
	Panic Function	Press and hold for 3 seconds to Activate or Deactivate panic function
	Car Locator	Press when in Armed Mode
-	Arm and Delete the 2 Stage Shock Sensor	Press  Twice within 3 seconds.
-	Arm and Delete the Tilt Sensor	Press the  button first then Press  button
-  -	Arm and Delete the 2 Stage Shock & Tilt Sensor	Press  Twice then Press  button within 3 seconds.
-	Arm with Hidden Alarm Function	Press the  button first then Press  button
	Disarm & Unlock Doors	Press the Unlock button for a half second
	Silent Disarm & Unlock Doors	Press and hold for 1.0 seconds
-	Disarm & Two Steps Door Unlock (optional)	Press twice within 3 seconds
1.0sec. -	Silent Disarm & Two Steps Door Unlock	Press and hold the  button for 1.0 seconds first then press  button.
	Trunk Release (Aux 1)	Press and hold for 3 seconds
-	Passive Arming By-Pass	While the system is disarmed
*	Activate or Deactivate the Remote Start	Press button once. * - * Press twice if set to start safety mode.
	Running Time Extender	Press and hold for 2 seconds
- *	Timer Start	Press the  button first then tap Press * button.
+	Turbo Mode	Press together & release.
+	Aux 2 Timer Output	Press together & release.
+ *	Aux 3 Timer Output	Press together & release.
+	Aux 4 Timer Output	Press together & release
+ *	Switch Code for 2nd Car Operation	Press together & release.
+ *	Shutdown Diagnostic	Press together & release
F	Level Setting.	Press F button once.
	Light up LCD indicator & Function Setting	Press and hold for 1.0 seconds
	LCD Remote Program Setting	Press and hold for 3.0 seconds

## D. LCD TRANSCEIVER REMOTE CONTROL:

1. Press the **F** buttons the number of times corresponding to the **Level** you wish to select; the LCD will display LEVEL number ( **L 1** **L 2** **L 3** )
2. Press the button while LEVEL number text is still on to perform the command.

Button	Direct Access	<b>F</b> x 1 Level 1	<b>F</b> x 2 Level 2	<b>F</b> x 3 Level 3
	Arm & Lock	Arm & Bypass the Shock Sensor	Arm & Bypass the Tilt Sensor	Hidden Alarm
1 sec.	Silent Arming	Vehicle's Status Check	Temperature Check	
	Disarm & Unlock or Silent Disarming	Remote Valet ON / OFF	Car 1 / Car 2 operation	Voltage Check
	Trunk Release (Aux 1) <b>CH 1</b>	Aux 2 <b>CH 2</b>	Aux 3 <b>CH 3</b>	Aux 4 <b>CH 4</b>
	Remote Start or Running Time Extender	Timer Start ON / OFF	Daily Timer Start ON / OFF	
<b>F</b> 1 sec		Melody / Vibration Mode	Power Save Mode ON / OFF	Button Lock ON / OFF

**Vehicle's Status Check:** Press **F** button first then press and hold buttons for 1 second. The LCD remote transceiver will display the current status of the vehicle.

**Temperature Check:** Press **F** button **2** times first then press and hold buttons for 1 second. The LCD remote transceiver will display the current Temperature of the vehicle.

**Second Vehicle Security Operation:** Press **F** button **2** times first then press buttons to enter Second Vehicle Security Mode, Under this mode press button to select CAR 2 operation, The **2** icon and **C-2** display on the LCD screen or CAR 1 operation and the **2** icon will disappear and **C-1** display on the LCD screen.

**Voltage Check:** Press **F** button **3** times first then press button. The LCD remote transceiver will display the **12.5** voltage condition of the vehicle.

**Melody / Vibration Mode:** Press **F** button first then press and hold **F** buttons for 1 seconds until the beep confirms, then release the button to enter Tone / Vibrating Mode, Under this mode press and hold **F** button for 1 seconds to select Melody Mode ( icon will display) or Vibration Mode ( icon will display) or both ( and icon will display).

**Power Saver Mode:** Press **F** button **2** times first then press and hold **F** buttons for 1 seconds until the beep confirms to enter Power Saver Mode, Under this mode press and hold **F** button for 1 seconds until the beep confirms, then release the button to enable (The **SAVE** icon will display) or disable Power Save Mode(The **SAVE** icon will disappear). While in Power Save Mode the LCD transmitter will not look for any incoming signals from the main unit until a button is pressed.

**Button Lock Mode:** Press **F** button **3** times first then press and hold **F** buttons for 1seconds **until the beep confirms**, then release the button to enter Button Lock Mode, Under this mode press and hold **F** button for 1 second to enable ( icon will display) or disable Button Lock Mode (The icon will disappear)., the remote control will beep/vibrate 2 times when a button is pressed indicating it is locked.

**EXIT:** Wait 10 seconds, or press the other buttons to leave the setting except the **F** button.

## E. CHIRP INDICATORS

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarm
3 Chirps	Defective Reminder
4 Chirps	Disarm / Triggered Warning
6 Chirps	Car Locator

## PARKING LIGHT

Parking light	Function
1 Flash	Arm
2 Flashes	Disarm
3 Flashes	Disarm / Triggered Warning
12 Flashes	Car Locator
Constant On	Under Remote Start





## TABLE OF ZONE / ALARM DIAGNOSTICS




Situation	Situation LED On Duty
Zone 1 (Door Triggered)	1 flashes, break, then repeat
Zone 2 (Trunk Triggered)	2 flashes, break, then repeat
Zone 3 (Hood Triggered)	3 flashes, break, then repeat
Zone 4 (Ignition Triggered)	4 flashes, break, then repeat
Zone 5 (Shock Triggered)	5 flashes, break, then repeat
Zone 6 (tilt Triggered)	6 flashes, break, then repeat

## ALARM OPERATING CONDITION

LED On Duty	Siren / Horn	Parking Light	LED	Doors	Starter	Dome Light
Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
Disarming	2 or 4 Chirps	2 or 3 Flashes	OFF	Unlocking		Turns on for 30-Seconds
Trigger	Alarming	Flashes	Flashes Pause		Disable	Flashes
Hidden Alarm		Flashes	Slow Flash		Disable	Flashes
30 Sec. Passive Arming			Fast Flash			
Panic	Alarming	Flashes				Flashes
Car Locator	6 Chirps	12 Flashes		Locking		



## F. ACTIVE ARMING – LOCK & ARM

1. Press the  button on the transmitter.
2. The alarm arms, doors lock (if connected), and the siren chirps and parking lights flash once indicating that the security system is now armed. The  icon and beeps play to confirm. If Valet Mode\* is ON, the doors lock and the  +  icon and tone play on the LCD transceiver. Exit Valet Mode to arm the alarm normally.




**DEFECTIVE SENSOR REMINDER:** If the siren sounds 3 chirps and the defective  /  /  icon will display on the LCD screen, then then you have left a door, trunk, or hood lid ajar and the defective icon will display onthe LCD screen.




**SILENT ARMING:** Press and hold the transmitter  buttons for 1.0 second. This will arm your security system without a chirp. Arm confirmation will be through the vehicles parking lights only.

**SHOCK SENSOR BY-PASS:** Press the  button two times within 5 seconds will arm the security system and bypass warn-away and shock sensor and the shock sensor  icon will **disappear** on the LCD screen.

**Note:** The bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

**TILT SENSOR BY-PASS:** Press the  button first then press  button within 3 seconds will arm the security system and by-pass the tilt sensor and the tilt sensor  icon will **disappear** on the LCD screen.


**ALL SENSOR BYPASS:** Press  button 2 times then release the button and press  button. It will arm the security system and bypass all sensors, the  icon and  icon will all disappear on the LCD screen.

**HIDDEN ALARM FUNCTION:** The security system will arm and with “Hidden Alarm Function”, the siren / horn will be silenced even if the sensor is triggered in the armed mode. Alarm indication will only appear on the LCD Transmitter.




- Press the  button first. Within 3 seconds press the  button to will Arm the security system and activate the hidden alarm function and the hidden alarm icon  will show on the LCD screen.

## G. PASSIVE ARMING:





Active arming / disarming is controlled by your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows:

1. Turn the ignition to the “OFF” position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all vehicle entrances are closed.
3. After the 30-second time has elapsed, the security system will automatically “ARM”. The  icons and beeps play to confirm. The siren will chirp [1] time and the parking lights will flash [1] time.


**PASSIVE ARMING WITH PASSIVE DOOR LOCKING:** The vehicle doors will automatically lock after the passive arming cycle has been completed.

**PASSIVE ARMING BY-PASS:** While the system is disarmed, press the  button twice. The system will respond with [1] chirp and LED will turn “Off”. The security system will remain in this temporary state for as long as you wish. To exit Passive arming by-pass, press the transmitter  or  button and the system will return to normal status.

## H. ACTIVE DISARMING – UNLOCK & DISARM

1. Press the  button on the transmitter.
2. The siren will chirp twice and the parking lights will flash twice indicating that the security system is now disarmed. The  icon and beeps play to confirm. If Valet Mode\* is ON, the doors unlock and the  +  icon and tone play on the LCD transceiver. Exit Valet Mode to arm the alarm normally.
3. The vehicle’s doors will unlock and the dome light will turn on for 30 seconds upon disarming.




(**Note:** Power door locks and dome light must be installed with the security system.)

**SILENT DISARMING:** Press and hold the transmitter  buttons for 1.0 second. This will disarm your security system. No chirp sound will be heard and the disarm confirmation will be through the vehicles parking lights only,

**TAMPER DISARMING:** If the alarm has been triggered, upon disarm the system's siren will chirp 4 times and the parking lights will flash 3 times telling you the alarm has been triggered during the last armed state and the triggered icon will display on the LCD screen.

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








**TWO-STEPS DOOR UNLOCK (Optional):** This feature will independently unlock the driver's door only when disarming the security system.

- Pushing the  button a second time within 3 seconds will **disarm** the security system and unlock the other doors.
- Press and hold the  button for 1.0 seconds, within 3 seconds presses the  button will Silent Disarm the security system and unlock the other doors.

**AUTOMATIC RE-ARM:** If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

## I. TRIGGER THE SYSTEM:

**When armed, your vehicle is protected as follows:**






Light impact will trigger the warn-away signal. Heavy impacts  / Doors open  / Trunk open  / Hood open  / Turn on the ignition key  / lift the vehicle  will trigger the programmed sequence and the trigger icon will flash the  icon and trigger zone fault report will display on the LCD screen. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on for 30 seconds, alerting of an intrusion. It will then stop, automatic reset and re-arm. If any one of the sensors or detectors is still active, the alarm system will sound a **maximum of 3 times. Each time is a 30 second cycle.**

**NOISE ABATEMENT CIRCUIT:** Your system has a "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental conditions such as thunder, jackhammers airport noise, etc.

**Here's how "Noise Abatement Circuit" works:** The alarm triggers five times. Each time, it's all shock sensor triggers the alarm; the "Noise Abatement Circuit" will interpret this pattern of triggers as a false alarm. After the fifth trigger, the "Noise Abatement Circuit" ignores, or bypasses the shock sensor until a different sensor or switch is triggered.

**"Noise Abatement Circuit"** covers doors (Trunk / Hood / Tilt Sensor / Ignition Switch) differently: If the alarm is triggered by an open door for three full cycles, the doors will be bypassed until the trigger ceases.

## J. PANIC FUNCTION:

Press and hold the  button for 3 seconds until the beep confirms and then release the button to activate the personal protection alarm and the  icon will display on the LCD screen. During panic mode, the normal function of the transmitter buttons will be suspended. The transmitter  and  buttons can be used to lock and unlock the door (if the option is installed). To stop the alarm, press and hold the  button on the transmitter again for 3 seconds. The system will automatically stop after 30 seconds.

## K. DISARMING WITHOUT A TRANSMITTER


Number of presses \_\_\_\_

1. Turn the ignition on.
2. Press and release the button on the valet switch the correct number of times (the default is **one press**).
3. After a few seconds, the siren output ceases, and the system is disarmed.

## L. VALET MODE:

When servicing or loaning your vehicle to others, the system should be placed in Valet Mode. Valet Mode prevents the system from remote starting and disables all alarm functions.



### Enter Valet Mode: (Manual)


- 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 and  icon will show on the LCD.  
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 the valet switch for 2 seconds. The LED will turn off indicating the system is exiting the Valet Mode.

### Enter Valet Mode: (Using the remote control)

- a). Under disarm mode.
- b). Tap the **F** button 1 time, and finally tap the  button. The parking lights will flash once, the remote will read “Valet On” and  icon will show on the LCD.


**Exit:** Repeat this process to exit valet mode. The parking lights will flash twice, remote read “Valet Off” and  icon will disappear confirming valet mode is disabled.

## M. CAR LOCATOR:

Under armed mode, press the  button to activate the car locator function. The siren will chirp 6 times. The parking light will flash 12 times, assisting you in easily locating your car.

## N. DRIVER PAGING / LOST & FOUND. (For two-way transceiver operation only)

This feature is useful in the event that someone wants to page the driver of a parked vehicle or someone cannot find his LCD remote transceiver.

Under the ignition switch “**OFF**” condition, press and hold the valet switch for 2 seconds to page the driver. One chirp sound is emitted from the vehicle, a paging melody will continue to sound and the  icon will flash on the LCD screen.

## O. DOME LIGHT CONVENIENCE SUPERVISION

The alarm has a unique feature that will turn on your vehicle dome light as follows:



1. Upon disarming, the interior light will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

**Note:** Turning on the ignition switch or arming the alarm will turn off the dome light.

## P. IGNITION CONTROL DOOR LOCK/UNLOCK.

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 "ON" and /or unlock the vehicle's doors when the ignition is turned "OFF".

## Q. TRUNK RELEASE OUTPUT. (AUX 1 / CH 1)

Press and hold the  button on the transmitter for 3 seconds until the beep confirms and then release the button to remotely control the trunk release and the  icon will show on LCD screen. Aux 1 is a user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 90 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof.


**Programmable Output: Trunk (1 second pulse) / Aux 1 Latch / Aux 1 Latch Reset with Ignition / Aux 1 Flex**  
(Aux 1 Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm / Control by Remote Start)

**Latch:** when the Aux 1 command is received the output will turn ON and remain ON and the **CH 1** text and tones play to confirm until the command is received again and **CH 1 OFF** text will be displayed on the LCD screen.



**Latch/Reset/Ignition:** when the Aux 1 command is received the wire will turn ON and remain ON until the ignition is turned ON & OFF or the command is received again and **CH 1 OFF** text will be displayed on the LCD screen.

**Flex:** when the Aux 1 command is received, the output will turn ON for the programmed time duration (default 1 sec.).

### Aux 1 (CH 1) Output Control:




1. **Control by Remote:** This option allows Aux 1 (output time based on feature 2-13) to be triggered by remote control command and press and hold  buttons for 3 seconds until the beep confirms and then release the button to activate Aux 1 function and the **CH 1** text and tones play to confirm.
2. **Control by Arm:** The Aux 1 output will activate for the Arm command. If you send a second lock/arm command it will not trigger Again.
3. **Control by Disarm:** The Aux 1 output will activate for the Disarm command. if the vehicle is already in the unlocked/disarmed state and you send a second unlock/disarm command it will not trigger the output
4. **Control by Arm and Disarm:** the Aux 1 output will activate for the Arm & Disarm commands.
5. **Control by Remote Start:** the Aux 1 output will activate for any Remote Start activation.

## R. AUX 2 (CH 2) TIMER CONTROL OUTPUT. (Optional Feature)

Press **F** button first then press  button or press buttons  +  simultaneously to activate Aux 2 function and **CH 2** text and tones play to confirm. Aux 2 is a user-programmable timer output.




**Programmable Output: Aux 2 Latch / Aux 2 Latch Reset with Ignition / Aux 2 Flex**  
(Aux 2 Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm / Control by Remote Start)

## S. AUX 3 (CH 3) TIMER CONTROL OUTPUT. (Optional Feature)

Press **F** button 2 times first then press  button or press the buttons  +  simultaneously to activate Aux 2 function and. the **CH 3** text and tones play to confirm. Aux 3 is a user-programmable timer output.

**Programmable Output: Aux 3 Latch / Aux 3 Latch Reset with Ignition / Aux 3 Flex**  
(Aux 3 Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm / Control by Remote Start)



## T. AUX 4 (CH 4) TIMER CONTROL OUTPUT. (Optional Feature)

Press **F** button **3** times first then press  button or press the buttons  +  simultaneously to activate Aux 4 function and. the **CH 4** text and tones play to confirm. Aux 4 is a user-programmable timer output.

**Programmable Output: Aux 4 Latch / Aux 4 Latch Reset with Ignition / Aux 4 Flex /**

*(Aux 4 Control by Remote / Control by Arm / Control by Disarm / Control by Arm & Disarm / Control by Remote Start)*

## U. SECOND VEHICLE SECURITY OPERATION.

You can be utilized to control a second vehicle's security system. To program the remote control transmitter to a second vehicle, Press and hold the  +  buttons 2 seconds until the beep confirms and then release the button to select car 2 or car 1 operation.

### 4 Button Remote Transmitter:

For **Car 2**: When the LED start 2 pause flash then release buttons.

For **Car 1**: When the LED start 1 pause flash then release the buttons.

### LCD Remote Transceiver:

For **Car 2**: When **2** icon and the **C-2** text show on the LCD display then release the buttons.

Under Car 2 mode, the **2** icon will flash.

For **Car 1**: When **2** icon is disappear and the **C-1** text show on the LCD display then release the buttons

## V. 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.

## W. CLEAR THE FLASHING TAMPER WARNING MESSAGE ICONS:

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.

## X. STOP THE TRIGGER MELODY SOUND:

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.

## Y. ILLUMINATE LCD DISPLAY:

Press and hold the **F** button for 1 second and the LCD indicator will light up.

## Z. OUT OF REMOTE CONTROL RANGE:

If the  icon disappears to indicate the remote failed to receive a command confirmation.

# WARNINGS





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

1. Keep the transmitter out of children's reach.
2. Do not leave anyone in the vehicle while running on remote control.
3. Alert servicing personnel that the vehicle can be started automatically.
4. Do not start the vehicle by remote while it's in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. The vehicle windows must be rolled up.
7. Should the unit malfunction, disconnect the fuse until the problem is corrected.
8. The use and operation of this system is the sole responsibility of the operator.
9. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.
10. It is not safe to remote start the vehicle if the vehicle is parked on a steep incline.

## REMOTE START OPERATION

### A. To Remote Start The Vehicle

When you want to start your vehicle:

1. Press the \* button once on the transmitter.
2. The parking light will activate to indicate the remote start has received the signal and the  icon will scroll to indicate that the engine is starting.
3. After a couple of seconds with the engine running, the  icon will show on the LCD screen, the parking lights will turn on and the climate controls will activate to adjust the vehicle's interior temperature to your preset setting. While the vehicle is running, the  icon, the run time start countdown **19:59** text and tones play to confirm. (The countdown timer based on the 3, 10, 20, 30 or 45 minute run time set up by your installation center.)
4. The vehicle will run for a programmable 3 to 45 minute cycle before shutting down. When the countdown timer is off or press \* button, the system will be shut down, and the  icon will disappear and tones play on the LCD screen.
5. The vehicle refused to start running after 3 unsuccessful attempts.
6. If Remote Start fails to start, the parking light will fast flashing 4 times and **Fail** text and a fault tone play on the LCD transceiver.

### B. Programmable Safety Start

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 \* - \*. This setting is known as "Child Safety Mode".

*Contact your installer to reprogram this feature if needed.*

## C. Running Time Extender

User Programmable Run Time / Run Time Extension. The system has the ability to allow the user to extend the time the vehicle will be running under control of the remote start. This will only extend the run time back to the current run time setting during the current remote start cycle. If your system is set to run 20 minutes and the time remaining is 4 minutes, extending the run time will reset the countdown timer to 20 minutes and your vehicle will continue to run for another 20 minutes. Follow the steps below to extend the vehicle's run time.

1. The remote start must already be active.
2. Press and hold the \* button for 2 seconds until the beep confirms and then release the button.
3. The system will chirp 1 time and flash the parking lights 4 times and the run time **Restart** the countdown **19:59** text and tones play to confirm that the run time has been reset and will indicate a countdown timer based on the 3, 10, 20, 30 or 45 minute run time.
4. The runtime extender only available when remote start is ON.

## D. 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.

## E. Temporary Stop Mode:


This mode 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. While the vehicle is running, place the transmission in PARK, set the emergency / parking brake.
2. With your foot off the brake pedal, press the \* button once, the parking lights will turn on and the run time start countdown **19:59** text and tones play to confirm that the system has entered Temporary Stop Mode.
3. Remove the keys from the ignition and exit the vehicle. Press the button to lock the vehicle's doors if desired.

**Note:** Do not leave children or animals unattended in the vehicle when using the temporary stop feature.

## F. To Turn Off The Remote Start

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

1. Press the \* button once on the remote transmitter under the remote start mode.
  2. Move the optional remote start enable toggle switch to the "OFF" position. (If installed)
  3. Press the brake pedal.
  4. Pull down the hand brake. (For Manual Transmission Vehicle and Turbo Timer Mode).
- The vehicle will shut down and turn off the parking light and the  icon will disappear and tones play to confirm the engine has stopped.

## G. Disabling The Remote Start System: (If Installed)

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the "OFF" position.




## H. Timer Start Operation

This feature is designed to allow the user to have the 75SL automatically remote start at the end of a selected timed cycle. (Runtime interval based on feature 3-05 option setting, and temperature start setting based on feature 3-012 and 3-13) It also be controlled by the thermistor so it will start at a specified temperature at the end of the timed cycle. The running time interval and start temperature will display on 2 ways LCD remote to confirm temperature timer start is set.

### 24 hour repeat with cold starting:

This option is designed to monitor the temperature 24 hrs. After timer mode is set (see feature 3-05) and start if it is at or below the preset cold start temperature (see feature 3-12). This process will continue until the user manually starts or remote starts the vehicle. 24 hrs. digital will display on 2 ways LCD remote to confirm 24 hour repeat with cold starting is set.

### Activate Timer start on / off

Depress **F** button first then press **\*** button or Press the  button first, within 2 seconds presses the **\*** button to activate timer start (or if ON, deactivates). A chirp from siren and the parking light flashes 3 times and the timer start  icon or the timer start with temperature  icon and the **2h** or **3h** /or **24h** text and tone play on the LCD transceiver.

**Note:** For Timer Start and Daily Timer Start:

1. This will be repeated in 24 hours.
2. Manually starts or remote starts the vehicle will cancel the timer start.
3. 2 chirps from siren indicate fail to setting and the **Fail** text and tone play on the LCD transceiver.

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


**Contact your installer to reprogram this feature if needed.**

## I. Daily Timer Start:

This option will allow the user to set a predetermined time to remote start on the 2 way LCD remote. Sets the time which you would like the start the vehicle first (predetermined time based on LCD programming 2 setting)

**Note:** it is important that the remote time is as accurate as possible when activating the timer mode to ensure that it will start at the desired time.

### Activate Daily timer start on / off:

Depress **F** button 2 times first then press **\*** button (or if ON, deactivates). The parking light flashes 5 times and the  icon and the **AM 06:30** text and tone play on the LCD transceiver to confirm activates predetermined time start. The vehicle is now programmed to start at the same time of the next day. Repeat the same step to turn off daily timer start mode.






## J. Turbo Timer Mode

The built in turbo timer keeps the vehicle's engine running for either 1, 3, or 5 minutes, after the vehicle key has been removed from the ignition. This feature will keep oil running through the turbo system to allow for appropriate cooling time.

### To activate:



**Step 1:** While the vehicle is running, place the transmission in neutral, set the emergency / parking brake.

**Step 2:** With your foot off the brake pedal, press buttons  +  simultaneously and the parking lights will turn on. Remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized dealer for service.

**Step 3:** Exit the vehicle and close the door. Press the transmitter  button, the vehicle's doors will lock/arm and then engine will keep runs for the turbo runtime and the run time start countdown **2:59** text and tones play to confirm.

### Cancelling Turbo Timer Mode:

The system will exit Turbo Timer Mode if any of the following occur:

- You did not activate the parking brake prior to turning off the ignition.
- You pressed the foot brake after the key was removed from the ignition
- You released the parking brake after the key was removed from the ignition.
- You entered valet mode, opened the vehicle's door, hood, trunk or set off the alarm.
- Press buttons  +  simultaneously to turn off turbo mode.

**Note: Turbo Timer must be turned on by an authorized dealer.**

## K. Manual Transmission Remote Start Function (Reservation Mode)


In order to remote start a manual transmission vehicle, the system must first be set in Reservation Mode. Reservation Mode must be set each and every time you want to remote start a manual transmission vehicle. The purpose of Reservation Mode is to leave the transmission in neutral before exiting the vehicle.



### IMPORANT:

- The vehicle's door pins must be in working order.
- The transmission must be left in the neutral position.
- The optional start toggle switch must be in ON position (if install)
- The vehicle's windows must be rolled up.
- Do not install this remote start on a manual transmission vehicle that has a convertible or removable top.
- Do not set reservation mode or remote start with people in the vehicle.

### Activating Reservation Mode

**Step 1:** While the vehicle is running, place the transmission in neutral, set the emergency / parking brake.

**Step 2:** With your foot off the brake pedal, press and hold  button until the **led flash** then release the button, the parking lights will turn on and remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized dealer for service.

**Step 3:** Exit the vehicle and close the door. Press the transmitter  button to lock/arm and then engine will shut down and  icon and the beeps will play to confirm. If the vehicle's engine does not shut off, your door trigger may be functioning improperly. Do not use the remote start feature and take your vehicle to a local authorized dealer for service.

**Note:** If Reservation Mode cannot be set, **Fail** text will display and the beeps play to confirm.



## Canceling Reservation Mode

Reservation mode will be cancelled for the following reasons;

- You did not activate the parking brake prior to turning off the ignition.
- You pressed the foot brake after the key was removed from the ignition.
- You released the parking brake after the key was removed from the ignition.
- You entered valet mode, opened the vehicle's door, hood, trunk or set off the alarm.

## L. Shutdown Diagnostics:

The unit has the ability to report the cause of the last shutdown of the remote start system.

Press Buttons  +  simultaneously.

**4 Button Remote Transmitter:** The parking light and chirps will report the reason of the system last shutdown by flashing in the following grouped patterns,

**LCD Remote Transceiver:** The LCD display on the 2-way remote will report the reason of the last shutdown. And the **1 - 4** text and a fault tone play to confirm.

GROUP 1 (One Flash of Parking Light )		
Chirps	Shutdown Mode	Solution
1	Hood Open	<ul style="list-style-type: none"> <li>• Close the hood.</li> <li>• Check 24-pin White/Black wire connection.</li> </ul>
2	Optional Enable Switch OFF or Black/White must have a ground	<ul style="list-style-type: none"> <li>• Check 24-pin Black/White wire connection.</li> <li>• Move the Enable Toggle Switch to "ON" position. (If installed.)</li> <li>• Move the gear selector to "Park"/ "NEUTRAL" position</li> </ul>
3	Foot Brake on	<ul style="list-style-type: none"> <li>• Check 24-pin White/Violet wire connection</li> <li>• Release Foot Brake.</li> </ul>
4	System is in Valet Mode	Exit the Valet mode
5	Hi Voltage (Voltage Checking Type)	Set the "Feature 3-02 to "Low Level"
	Low or No RPM (Tachometer Checking Type)	<ul style="list-style-type: none"> <li>• Check 24-pin White/ Red wire connection</li> <li>• Set the "Feature 3-02 to "Hi Level"</li> <li>• Re-learning the RPM</li> </ul>
6	The engine has run successfully but is still starting (Tachometer Checking Type)	<ul style="list-style-type: none"> <li>• Set the "Feature 3-02 to "Low Level"</li> </ul>

GROUP 2 (Two Flash of Parking Light )		
Chirps	Shutdown Mode	Solution
1	Over-Rev Shutdown	
2	Running Time expired	
3	Transmitter Shutdown	
4	Wait-to-start input timed out	(For Diesel Engine Only)
5	Alarm triggered	

GROUP 3 (Three Flash of Parking Light) for Manual transmission vehicle.		
Chirps	Shutdown Mode	Solution
1	Manual transmission mode is enable and not initialized	Follow the manual transmission setup steps (page 17 of the user manual)
2	Door Open	<ul style="list-style-type: none"> <li>Close the Door.</li> <li>Check 24-pin Green or Violet wire connection.</li> </ul>
3	(-) Parking Brake / E-Brake In Shutdown	<ul style="list-style-type: none"> <li>Set the Parking Brake / E-brake Brake.</li> <li>Check 24-pin White/Blue wire connection.</li> </ul>
4	No RPM or The vehicle's clutch bypasses fail.	<ul style="list-style-type: none"> <li>Check 24-pin Gray/Black wire connection</li> <li>The vehicle's clutch must be temporarily bypassed</li> <li>Re-learning the RPM</li> </ul>
5	Accelerometer trigger	<ul style="list-style-type: none"> <li>Move the gearshift lever to the neutral gear</li> </ul>

**Note:** The Accelerometer monitors sudden movement forward or backward during the remote start process.

It will Stop Remote Start after detect forward or backward movement











## M. LCD Remote Control Program Setting

### Enter:

- Press and hold the **F** button for 3 seconds until the **Display** text and a tone play to confirm is heard and then release.
- Press **F** button confirm the selection and move to the next setting, and the **“Display”** text and a tone play to confirm.

### Exit:

Press and hold the **F** button for 3 seconds until 2 beeps are heard and then release.

	Feature	Display	 button	 button	 button	Function / Description
1	Time		Adjusts Hour	Adjusts Minute		Sets the time on your remote
2	Daily timer start		Adjusts Hour	Adjusts Minute		Sets the time at which you want your vehicle to start every day.
3	Alarm Clock Time		Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the remote alarm clock to alert you.
4	Parking Meter Timer		Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the parking meter timer to alert you.
5	Backlight delay or turn off	5 / 10 / OFF	5 sec	10 sec	Backlight Turn off	Sets the Backlight of LCD
6	Car Icon Illumination	 icon displayed or not	 icon Displayed	Not		 icon displayed when required by the 2-way information system.
7	Temperature	F or C	F	C		Change the temperature readout from Fahrenheit or Celsius

## 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.

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### **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/>**

