



## USERS MANUAL

# SL-42 3-Channel Two-Way Security System

This unit is designed for professional installation only.

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


Magnadyne Corporation 1111 W. Victoria Street, Compton CA 90220 (800) 340-3200

# LCD REMOTE CONTROL TRANSCEIVER: SL-RF42LCD

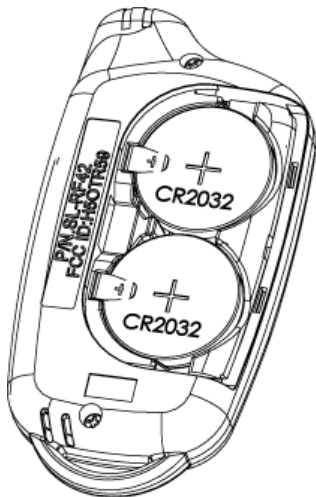


## A. CHANGING THE BATTERY:








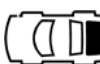






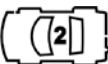








### BATTERY REPLACEMENT: SL-RF42 LCD

**CR2032** x 2 PCS battery powers the Remote Transmitter. When the power of the battery weakens a  icon shall be displayed on the LCD screen. When it is time for the old batteries are replaced, there will be beep sounds indicate the power is low. .

The SL-RF-41 One-way remote is powered by two **CR2016** Batteries.

























## STANDARD LCD ICON CONFIGURATIONS:

	The lock icon will be displayed when the door are locked.		The unlock icon will be displayed when the door are unlocked
	<b>Valet Mode</b> All the function shall be temporarily on hold.		<b>Driver paging</b> Someone is paging you from of your vehicle
	<b>Warn Away trigger</b> Trigger on Shock Sensor		<b>Shock Sensor Trigger</b> Trigger on Shock Sensor
	<b>Hood Trigger</b> Hood is illegally opened		<b>Trunk Trigger</b> Trunk is illegally opened
	<b>Door Trigger</b> Doors are illegally opened		<b>Sensor Bypass</b> Sensor bypass under Arm mode
	<b>Ignition Trigger (icon flash)</b> Ignition switch is illegally turned on		<b>Button Lock (icon on)</b>
	<b>Remote Transmission</b> You are transmitting the signal to control unit		<b>In – Range Indicator</b> You are within the range of the remote control.
	<b>2nd Car Operation</b>		<b>System trigger</b>
	<b>Activate Channel 3 (Trunk Release).</b>		<b>Parking Meter</b> Reminder when time is up for parking
<b>C4</b>	<b>Activate Channel 4</b>	<b>C5</b>	<b>Activate Channel 5</b>
<b>12:00</b>	<b>Time Monitor</b>		<b>Low Battery</b> You have to replace battery of remote control.
	<b>Alarm Clock</b>		<b>Power Save</b> (battery icon full bar flash)
	<b>Melody Mode</b> Remote Control alert user through melody sound		<b>Vibration Mode</b> Remote Control vibrates when the system is triggered

## OPERATION:

### C: REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
	Lock Doors & Arm System	
	Panic function	Press and Hold for 3 seconds. Press Trunk  button to stop panic function
	Car Locator	Press when in armed mode
 - 	Arm and Delete The 2 Stage Shock Sensor	Press  twice within 3 seconds.
 + 	Silent Arming / Disarming	Ignition in "off" position.
 + 	Anti-Car-Jacking	Ignition in "on" position.
	Unlock Doors & Disarm System	
 - 	Two Steps Door Unlock & Disarm System(optional)	Press twice within 3 seconds.
	Trunk Release (Channel 3)	Press and Hold for 2 seconds
 - 	Passive Arming By-pass	While the system Disarmed.
	Silent Arm / Disarm	
 + 	Channel # 4 Timer Output (4)	Channel 4
 + 	Channel # 5 Timer Output (5)	Channel 5
II	Switch to 2nd car operation	For 1-way TX only, Press & hold until TX LED on

### D CHIRP INDICATORS:

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
3 chirps	Defective Reminder
4 chirps	Disarm / Triggered
6 chirps	Car Locator


### PARKING LIGHT:

Parking light	Function
1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / Triggered
12 flashes	Car Locator
Constant On	Under Remote Start

## ALARM OPERATING CONDITION:



	Siren / Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes		Unlocking		Turns on for 30 -second
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Passive Starter Disable			Fast Flash		Disable	
5. Panic	Alarming	Flashes				Flashes
6. Car-Jacking	Alarming	Flashes			Disable	Flashes
7. Car Locator	6 Chirps	12 Flashes		Locking		

## E. ACTIVE ARMING – LOCK & ARM:


Press  button on the transmitter.

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



**DEFECTIVE SENSOR REMINDER:** If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar.

**SILENT ARMING / DISARMING:** Press the transmitter  and  buttons at the same time. This will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

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

**Sensor By-Pass :** Press the  button two times within 5 seconds will arm the security system and by-pass the shock sensor.

## HIDDEN ALARM FUNCTION: Silent Alarm

Press the  button first; within 3 seconds press the  button to activate the 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.




## F. PASSIVE ARMING (Programmable)

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 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 "ON". The security system will remain in this temporary state for as long as you wish. To exit passive by-pass, press the transmitter  or  buttons and the system will return to normal status.

## G. ACTIVE DISARMING – UNLOCK & DISARM:

1. Press  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 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.)

**TAMPER DISARMING:** If the alarm is 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.

**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. (Programmable)

**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 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.

## H. DISARMING WITHOUT A TRANSMITTER

**OVERRIDES THE ALARM WITHOUT 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. (Alarm will sound.)
3. 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.

## I. VALET MODE:

**VALET MODE: (System is in Disarm Mode)**

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm 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 indicate the system are exiting the valet mode.








## J. CAR LOCATOR

Under armed mode, press the  button to active car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

## K. PANIC FUNCTION:

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

1. Press and hold the  button for 3 second. 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.
  1. To stop the alarm, press the trunk  button on the remote control  
If the button is not pressed, the alarm will automatically stop after 30 seconds.

## L. TRIGGER THE SYSTEM

When armed, your vehicle is protected as follows:

Light impact will trigger the warn-away signal.

Heavy impacts / Doors open /(if installed) Hood open / (if installed) Trunk open / Turning on the ignition key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on alerting of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the any one of the sensors or detectors is still active, the alarm system will sound a **maximum of 3 times of 30 seconds cycles**.

**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, the same sensor or switch has triggered the alarm; the "Noise Abatement Circuit" will interpret this pattern of triggers as a false alarm. After the third trigger, the "Noise Abatement Circuit" ignores, or bypasses, that sensor or switch until a different sensor or switch is trigger.

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

## M. ANTI CAR- JACKING (Programmable)

**Warning:** If you don't need the carjacking function in this alarm system, be sure to set carjacking feature "OFF". This systems default setting is "OFF" for all carjacking modes.

### ACTIVE ANTI CAR JACKING: ( See Transmitter Function Below)

1. When the Ignition is ON press F button three times while "ANTI CAR JACK" is flashing in the text area, then press  button to activate Anti Car-Jacking mode or  
Under ignition ON, press and hold the  and  buttons at the same time for 2 seconds. The parking lights will turn on for 1.5 seconds to indicate the system has entered the anti car-jacking mode.
2. Once the system in anti car-jacking mode, the system will be triggered when any door is opened and closed while the ignition is "ON".

### PASSIVE ANTI CAR- JACKING: (Programmable)

It will operate as noted below:

1. Turn the ignition switch to the "ON" position and the system will arm.
2. Once the system is armed, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

### TRIGGERING THE ANTI CAR -JACKING MODE:




- A). 50 seconds after the system has been triggered. The siren will start chirping for 15 seconds.
- B). During this 15 second period of chirping, you will be alerted to push the valet switch once to turn off the car-jacking feature. If not, it will enter a second timer for carjacking.
- C). 65 seconds after the system has been triggered, the siren will start sounding and the parking lights will start flashing.
- D). 90 seconds after the system has been triggered,
  - 1. The siren will sound and the parking lights will flash, and
  - 2. The starter disable will activate to prevent the vehicle from starting.
  - 3. It will remain active until the vehicle's battery power is exhausted.

### OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:

Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system disarmed




**Note:** If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.

### N. SYSTEM'S TRIGGER CHECK (For two-way transceiver operation only)

Press & hold  +  button of LCD remote until 1 beep sounds, press  button (see LCD Remote manual Table 1) to activate system trigger check.

**Note:** If the system has no response then you are out of range.

### O. SYSTEM'S STATUS CHECK (For two-way transceiver operation only)

Press & hold  +  button of LCD remote until 1 beep sounds, press  button (see LCD Remote manual Table 1) to activate system trigger check. Note: If it has no response then you are out of range.

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

This feature is useful the event that someone wants to page the driver of the 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 shall be emitted from the vehicle and the paging melody sound continues sounding and "CALL" indication flashes on Remote LCD transceiver.

### Q. DOME LIGHT CONVENIENCE SUPERVISION (Optional Feature)

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.

### R. IGNITION CONTROL DOOR LOCK/UNLOCK. (Programmable Feature)

If the vehicles 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". (Default setting is "OFF")


### S. TRUNK RELEASE (CHANNEL 3) OUTPUT.

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





## T. CHANNEL 4 TIMER CONTROL OUTPUT.

Press the transmitter  and  buttons at the same time to active Channel 4 function. or

Press and hold F button of LCD remote until 1 beep sounds , release and re-press F button the LCD remote will show “CH 4” icon flash, then press  button to activate channel 4 function.



Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)

## CHANNEL 5 TIMER CONTROL OUTPUT.

Press the transmitter  and  buttons at the same time to active Channel 5 function.

Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power window or sunroof.

## U. POWER SAVER MODE (DEFAULT OFF) \* SEE ADVANCED USER MODE

Press & hold button  +  for 5 seconds (chirp x 3) enable Power Save mode. LCD remote transceiver uses “0” current to save the battery power.

Exit: Press any button of the LCD remote transmitter to exit “Power Save Mode”.

## 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. SECOND VEHICLE SECURITY OPERATION:

Your remote transmitter can be utilized to control a second vehicles security system, To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming.

### Standard Transmitter

1. Prior to pushing any button on the transmitter. Press button II first on the transmitter.
2. Once button II is pressed the LED on the transmitter will illuminate for 3 seconds to indicate the second transmitter pin code has built-in.
3. While the LED is illuminated, press any button on the remote control transmitter to control a second vehicle security system.

For LCD transceiver – 2nd car operation : \* See advanced user mode

## X. CLEAR THE FLASH ICON AND MELODY SOUND:

















The Transmitter will reset the flashing icons the next time the Ignition is cycled to the ON position.


## Y. 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 melody sound only.














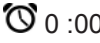






## ADVANCED USER'S MODE:


Table 1: 2-Way LCD Remote Manual:

Transmitter button	LCD Display	Feature & remark
Press & release button  + *		Backlight turns on 3 seconds
Press & Hold button  + * for 3 seconds (until 1 chirp)	U 01	LCD display show U 01 = enter Manual 1 of LCD Remote
Press  button		Press  button = <b>vehicle's status check.</b>
Press  button		Press  button = <b>system trigger check.</b>
Press * button		PRESS * button FOR OPTION OF CAR 1 / CAR 2
Press & hold  button for 2 sec.	 on = Button Lock	Press & hold  button for 2 sec. <b>Button Lock On</b>
Press & hold  button for 2 sec.	 Melody  Vibration	Press & hold  button for 2 sec. Vibrator or Melody mode selection
Press & hold  button for 2 sec.		Press & hold  button for 2 sec. Fast Count Down
Press & hold * button for 2 sec. (2-way LCD remote beep sound).		Press & hold * button for 2 sec. LCD remote Beep Sound mode Enable

Exit: Press  + \* buttons or not press any button within 15 seconds, it will exit remote programming mode automatically.

**Table 2: Two beeps to confirm**

Transmitter button	LCD Display	System feature & remark
Press & hold button  + * for 3 seconds (until 2 chirps)	 12 is flashing	Manual – 2 of LCD Remote ( chirp x 2), for clock time adjust * or  button to decrease or increase “Hour” digit, adjust hour from 0 to 12. Complete adjust “Hour, “Press  button.
	 00 is flashing	* or  button - Adjusts clock “Minute” from 0 to 59. Press  button complete clock setting.
Alarm Clock adjust	 12 is flashing	* or  button to decrease or increase “Hour” digit, adjusts clock hour from 0 to 12. Complete adjust “Hour, “Press  button.
	 00 is flashing	* or  button - Adjusts clock “Minute” from 0 to 59. Press  button complete Alarm clock setting.
Count Down Timer setting	 0 is flashing	* or  adjust parking “Hour” (value from 0 to 2). Complete adjust “Hour, “Press  button.
		* or  adjust parking “Minutes” (value from 0 to 30). Press  button complete count down timer setting.
Press & hold button  + * for 5 seconds (chirp x 3)	Full battery icons flash 	Power Save mode : ON / OFF LCD remote transceiver uses “0” current to save the battery power.

Exit: Press  + \* buttons or not press any button within 15 seconds, it will exit remote programming mode automatically

## 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.



# LIMITED LIFETIME WARRANTY REGISTRATION CARD

Complete and mail now. **Please print clearly.**

LAST NAME										FIRST NAME										INITIAL		
ADDRESS																						
CITY															STATE				ZIP			
DEALER																						
DATE OF PURCHASE						MODEL #																
MAKE OF CAR															YEAR				LICENSE #			

**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/>

**Magnadyne Corporation 1111 W. Victoria Street Compton CA 90220 (800) 340-3200**

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