

### Parking Light Indicators

Flash	Function
1 Flash	System is Armed
2 Flashes	System is Disarmed
3 Flashes	Disarmed / Triggered
3 or 6 Flashes	Car Locator
Constant On or Flashing	Under Remote Start


### Chirp Indicators

Chirp	Function
1 Chirp	System is Armed
2 Chirps	System is Disarmed
3 Chirps	Ajar Warning
4 Chirps	Disarm / Triggered
2,3,6 Chirps	Progressive Car Locator

### System Characteristics

	Siren/Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disabled (Option)	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes		Unlocking		Turns on for 30 Seconds
3. Trigger	Alarming	Flashes	Slow Flash		Disabled (Option)	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car Jacking	Alarming	Flashes			Disabled (Option)	Flashes
6. Car Locator	2,3,6 Chirps	3,6 Flashes				



## Manual Lock/Arm

1. Press the  button on the transmitter.
2. The siren will chirp once and parking lights will flash once indicating that the system is now armed. The vehicle door will lock upon arming when interfaced with the security system.




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



### Silent Arming/Disarming

Press the transmitter  and  button at the same time to arm or disarm your security system. No chirp sound will be heard. The arm/disarm confirmation will be through the vehicle's parking lights only.

### Shock Sensor Bypass

Press the  button on the transmitter two times within 3 seconds. This will arm the security system and bypass the shock sensor. The system will chirp one additional time to confirm the sensor Bypass Mode was activated. 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.

### Hidden Alarm Function

Press the  button first, within 3 seconds press the  button to activate the hidden alarm function. The security system will arm, but the siren / horn will be silenced even if the sensor is triggered in the armed status.

## Automatic Arming

Manual arming/disarming is controlling your security system via the remote transmitter. This security system is equipped with an optional Automatic Arming feature which allows the security system to arm 45 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 45 seconds. If you reopen any Door, Hood, Trunk the security system LED will stop flashing. It will begin flashing again once the vehicle's entrances are closed.
3. After the 45-second timer has elapsed, the security system will automatically "ARM". The siren/horn will chirp once, and the parking lights will flash once.

### Automatic Arming with Automatic Door Locking (Programmable)


If this feature has been programmed on, the vehicle doors will automatically lock after the automatic arming cycle has been completed.

**Automatic Arming (Continued)**

**Automatic Arming Bypass**

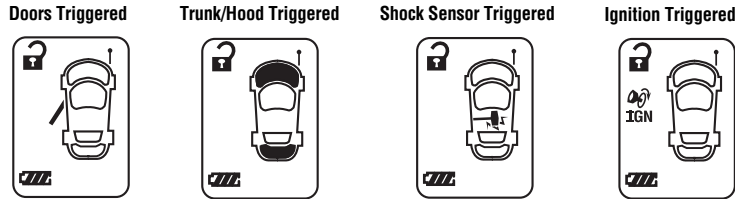
While the system is in Disarmed Mode, press the  button twice. The horn/siren will respond with one chirp and the LED will turn "ON". The security system will remain in this mode for as long as you wish. To exit this mode press the  or  buttons and the system will return to normal status.

**Manual Un-Lock / Disarm**

1. Press the  button on the transmitter.
2. The siren will chirp twice and parking lights will flash twice indicating that the system is now disarmed. The vehicle door will unlock and the dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

**Tamper Disarming**


If the security system was triggered prior to disarming, the siren will chirp 4 times and the parking lights will flash 3 times. One of the enclosed panels will be displayed on the LCD transmitter screen to indicate which sensor had been triggered



**Pathway Illumination**

This feature turns the parking lights "ON" for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal.

**Two Step Door Unlock**

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 Rearm**

If this feature is selected, the security system will automatically rearm itself within 60 seconds after disarming with the remote transmitter. Automatic rearm will cancel if any door is opened before the 60 second timer is up.

**Disarming without a Transmitter**



The override function may be used if the remote transmitter is lost or inoperative. Override can be done without password/pin number (this is the factory default setting).


1. Enter the vehicle and turn the ignition switch to "ON" position (alarm will sound).
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.

### RF Valet Mode (Applies to All Transmitter Types)



RF valet mode provides the same functions as manual valet mode but allows you to enter and exit the valet mode using the remote transmitter. When the system is in Valet Mode, all alarm functions and remote start functions are off. However, the remote panic feature and remote door locks remain operational. To enter/exit the RF Valet Mode, repeat the following procedures.


#### Enter Valet Mode

1. In Disarmed Mode, open the drivers door.
2. Push and hold the  and  transmitter buttons until the door locks cycle "Lock then Unlock".  
The LED will flash every 5 seconds to indicate that the unit is in the Valet Mode.

Note: When the unit is in valet mode, the LCD transmitter  icon will be displayed

#### Exit Valet Mode

1. In Unlocked Mode, open the drivers door.
2. Push and hold the  and  transmitter buttons until the door locks cycle "Lock then Unlock".  
The LED will stop flashing every 5 seconds to indicate that the unit is out of the Valet Mode.


Note: When the unit is out of valet mode, the LCD transmitter  icon will be off and you will hear a short melody from the transmitter.

### Manual Valet Mode

Manual valet mode allows you to bypass all alarm functions eliminating the need to hand your transmitter to parking attendants or garage mechanics. This mode is also a necessity if your transmitters become in-operable. When the system is in Valet Mode, all alarm functions and remote start functions are off. However, the remote panic feature and remote door locks remain operational. To enter the Manual Valet Mode, the system must first be disarmed either by using your remote transmitter, or by operating the manual override sequence.

#### Enter Valet Mode

1. When in Disarmed Mode, turn the ignition to the "ON" position.
2. Push and hold the valet switch for 2 seconds. The LED will flash every 5 seconds as long as the unit is in the Valet Mode.


Note: When the unit is in valet mode, the LCD transmitter  icon will be displayed



Hold 2 Seconds



#### Exit Valet Mode

1. To return to normal operation, turn "ON" ignition.
2. Push and hold valet switch for 2 seconds. The LED will stop flashing, indicating the system has now exited the Valet Mode.


Note: When the unit is out of valet mode, the  icon will be off and you will hear a short melody from the transmitter..

### Progressive Remote Vehicle Locator System

**Note:** The remote vehicle location system is active 30 seconds after the alarm is armed.








1. Press the  button to active the vehicle locator system. The horn/siren will beep 2 times and the parking lights will flash 3 times. This operation will repeat a second time.
2. Press the  button again within 30 seconds. The horn/siren will beep 3 times and the parking lights will flash 3 times. This operation will repeat a second time.

### Progressive Remote Vehicle Locator System (Continued)

3. Press the  button again within 30 seconds. The horn/siren will beep 6 times and the parking lights will flash 6 times.

### Panic Feature

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

1. Press and hold the  button for 3 seconds to enter the Panic Mode (horn/siren will start to sound and parking lights will flash).
2. While in Panic Mode the transmitter  and  buttons can be used to lock and unlock the door (if that option is installed). However, if the  button is pressed, the vehicle's starter disable device (when installed) will be disabled, allowing the vehicle to start.
3. To turn off the panic function, press and hold the  button again for 3 seconds or press and release the  or  buttons.
4. If the panic function is not turned off by the transmitter, it will turn off and reset itself after 30 seconds.

### Domelight Supervision

The Security System has a unique feature for using your vehicle's dome light:


1. Upon disarming the vehicles security system, the interior dome light will remain on for 30 seconds.
2. If the security system is triggered, the dome light will flash for the same duration as the horn/siren.

**Note:** Turn "ON" the ignition switch or arm the system to turn off the dome light.



### Ignition Key Controlled Door Lock/Un-Lock

If the vehicles door locks have been interfaced with the security system, the system will automatically lock the doors 3 seconds after the ignition is turned "ON", or unlock the doors when ignition key is turned "OFF". Note: If a protected entrance is open, the doors will not lock.

### Channel #3 Trunk Release Output

Press and hold the  button for up to 3 seconds to activate the trunk release (Channel 3 output) and/or any other devices connected.



### Channel #4 Timer Controlled Output

Press and hold the  and  button at the same time to activate the Channel 4 output. 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 example, this timer output may be used to turn on the headlights, power window or sunroof (Factory defaults setting at momentary output.)

## Anti-Carjacking Feature

**Warning:** This security system has a car jacking feature. Its default setting is "OFF". So be sure to enable this feature if you feel it is needed.

### Active Anti-Car Jacking

1. Press and hold the transmitter  and  buttons at the same time for 2 seconds with the vehicle's ignition is "ON". 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 is armed in the Anti-Car Jacking Mode, the system will trigger when the door is opened and closed while the ignition is "ON".

### Automatic Anti-Car Jacking

1. Turn the ignition switch to the "ON" position, and the system will enter the Anti-Car Jacking Mode. Note: Do not start the engine with the doors open. Close all entrances first. This will prevent a false trigger.
2. Once the system is armed in the Anti-Car Jacking Mode, the system will trigger when the door is opened while the ignition is "ON".

### When the Anti-Car Jacking Feature is Triggered


- 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 can push and release the valet switch once to turn off the car jacking feature.
- C. 65 seconds after the system has been triggered. The siren starts sounding and the parking lights start flashing. You must follow the override procedure to stop the system at this point.
- D. 90 seconds after the system has been triggered:
  1. The siren will still be sounding and the parking lights flashing.
  2. The starter disable will activate to prevent the vehicle from starting.
  3. Anti-Car Jacking Mode will remain active until the override procedure is performed or 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 the valet switch. The siren will stop sounding and the security system is now disarmed.

### Driver Paging / Lost and Found (Applies to LCD Transmitter Only)

Driver Paging / Lost and Found is useful when someone inside the vehicle wants to page the driver, or if the LCD transmitter has been misplaced.

With the ignition switch in the "OFF" position, press and hold the valet switch for 2 seconds to page the LCD transmitter. One chirp shall be emitted and the paging melody continues sounding from the LCD transmitter and  will flash on the screen.



### Out of Range Indication


If the Out-of-Range Indication feature is activated the system will automatically check the range every 30 minutes after armed.

1. If the user is within the range, the ↑ icon will display on the LCD screen.
2. If user is out of range, the ↑ icon will disappear from the LCD screen and the transmitter will beep 5 times.

**Note:** Activating this feature will decrease the life expectancy of battery.

## REMOTE START OPERATIONS

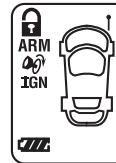
### Remote Start Your Vehicle Using the Remote Transmitter

1. Press the \* button twice on the transmitter.
2. The parking lights will turn on indicating the remote start has received the signal (A melody sound from your LCD transmitter and the  icon will flash on the LCD screen to confirm the remote start was activated.)
3. The engine will start in approximately 5 seconds.
4. Once the engine is running, the parking lights will turn on again after a few seconds, and the climate controls will activate and adjust the vehicles interior temperature to your preset setting. While the vehicle is running, the smoke icon will flash on the LCD screen indicating the count down timer based on the 5, 10, 20 or 30 minute run-time setup by the installer.
5. The vehicle will run for 5 to 30 minute cycles and automatically shut down. (When the unit shuts off, the count down timer will turn off and the transmitter will play a melody).

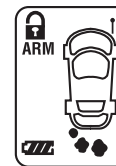
**Note:** The Remote Start Unit will not start the vehicle if any one of the following conditions exists:

1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to OFF position (if installed).
4. The vehicle is in a gear other than "Park" or "Neutral".


#### Activate Remote Start




#### Engine Running



### Safe Start Mode (Child Safety Mode)

If the default method of remote starting has been reprogrammed to Child Safety Mode Operation, to remote start your vehicle is to press the  and the \* buttons at the same time.

**Note:** To turn off the remote start press the  and the \* buttons at the same time.

### Vehicle Operation when Running in Remote Start Mode

1. Insert the ignition key, and turn it to the "ON" position, 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 automatically shut off.

### Temporary Stop Feature

This feature allows the vehicle to remain running after the key has been removed from the ignition. It is useful on occasions when you wish to exit and lock the vehicle for a short period of time, but keep the engine running allowing the climate controls to stay on.

1. Before turning the engine off with the ignition key, press the \* button twice. The LED will flash three times indicating the feature has been activated.
2. Turn the ignition key to the "OFF" position (the engine will stay running).
3. The engine will run until the pre-programmed time has elapsed or a shutdown input is received.

**Note:** If the alarm system has been programmed to Auto-Arm, when you exit the vehicle the auto arming timer will start to count down and the vehicle will become armed within 45 seconds.



### Timer Starting Mode

**Important!** Timer Start should be used only in open areas. Never start or leave a vehicle running in an enclosed area such as a garage or carport.

This unit can be programmed to auto-start and run the engine every 2 or 3 hours (3 hours is the default setting). The engine will run for the programmed run time and then shut down. This feature is designed to prevent the engine from freezing in cold climates.

**A Maximum of Six Auto-Start Cycles can Occur.**

### Timer Starting

#### Enter Timer Start:

1. Press the \* button twice to remote start the vehicle.
2. Let the engine run and wait for the parking lights to turn on or start flashing. Press the button once then press and hold the \* button. The parking light will flash 3 times and the siren or horn will chirp 3 times and the ☺ icon will appear on the LCD display. The vehicle is now programmed to start every 3 hours.
3. Press the brake pedal to shut off the engine.



#### Exit Timer Start:

1. Make sure the remote start system is not operating the engine.
2. Turn the ignition "ON". The LED and parking lights will flash 4 times. The horn chirps 4 times. The vehicle is no longer programmed to Timer Start automatically.

#### Or

1. Press the \* button twice to remote start the vehicle.
2. As soon as the parking lights have turned on or flashing, press the button once. Then press and hold the \* button. The parking lights will flash 4 times. The siren or horn chirps 4 times. The vehicle is no longer programmed to Timer Start automatically.

### Turn Off Remote Start System

When the engine is running by remote start and you wish to shut it off, follow these steps:

1. While in Remote Start Mode, press the \* button twice on the remote transmitter.
2. Move the optional remote start toggle switch to the "OFF" position (if installed).
3. Press the vehicle's brake pedal, the engine will stop running and the parking lights will turn off to indicate the engine has been shut off.





### Toggle Switch Disable (If Installed)

The disabling the Remote Start System feature allows your system's remote start unit to be temporarily disabled, which prevents the vehicle from being remote started accidentally. This 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.

### Turbo Timer Mode


After arriving at your destination, Turbo Timer keeps the engine running for a programmable time period of 1, 3 or 5 minutes. This allows the engine's turbo charger time to conveniently cool down after you have left the vehicle.

**To Activate:**

1. While the engine is running, set the emergency brake and place the transmission into "Park".
2. Before turning off the engine, press and release  and  buttons at the same time. The parking lights will flash indicating the remote start has entered Turbo Timer Mode.
3. Remove the ignition key and the engine will keep running.
4. Exit and secure the vehicle. The engine continues running until the pre-programmed time has elapsed.

### Remote Start Shutdown Inputs

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. Engine is over-revved (Tachometer Checking Type only).
4. The preprogrammed run time (5/10/20/30 minutes) has elapsed.
5. Press the  button twice on the remote transmitter under Remote Start Mode.
6. Move the optional remote start enable toggle switch to "OFF" position (if installed).
7. The vehicle refused to start running after 3 unsuccessful attempts.

## Second Security System Operation

If your transmitters have been programmed to a second Marksman security system, follow the steps below.

### For 1-Way Remote Control Transmitter:

The 1-way backup transmitter does not have the ability to operate 2 systems. Only the 2-way LCD transmitter can operate 2 different systems.

### For LCD Remote Control Transmitter:

Second Vehicle Operation: While the **II** icon is displayed on the LCD screen, you can remote control and communicate with a second vehicle security system.

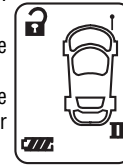
1. Press and hold **Ⓜ** and **\*** buttons at the same time until one long beep is heard. Programming Mode has now been entered.

**Note:** No action for five seconds will generate two long beeps indicating the Programming Mode has been exited.

2. Within 5 seconds, press and hold the **🔒** button until two beeping sounds are heard and the **II** icon is displayed on the LCD screen indicating second car operation.

3. While the **II** is displayed, press any button on the transmitter to control the second vehicle's security system or alarm function (arm/disarm/trunk/remote start).

**Note:** Button functions are the same for the second car as they are for the first car.



### Return to First Car Operation (LCD Remote Only)

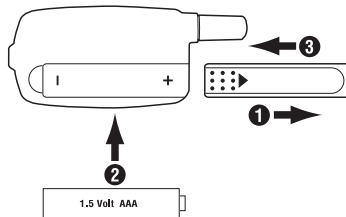
1. Press and hold **Ⓜ** and **\*** buttons at the same time until one long beep is heard. Programming Mode has now been entered.


**Note:** No action for five seconds will generate two long beeps indicating the Programming Mode has been exited.

2. Within 5 seconds, press and hold the **🔒** button until two beeping sounds are heard and the **II** icon is not displayed on the LCD screen indicating first car operation.





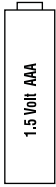

## Battery Replacement (Applies to LCD Transmitter Only)



The LCD remote control is powered by a 1.5 Volt AAA Alkaline battery. When the power of the battery weakens the battery icon  will be displayed on the screen. When the old battery is replaced with a new one, there will be a beep to indicate the power is up. To replace the battery, follow the steps in the illustration at left.

**Note:** Press the **\*** button two times when the battery compartment is empty, then insert the new battery.

Replacement Transmitters			
TRANSMITTERS	DESCRIPTION	MODEL #	\$ PRICE
	2-Way LCD Remote for the PLUS5900 - PLUS6900 Security System	CARF-LCD2	79.95 ea.
	1-Way Remote for the PLUS5900 - PLUS6900 Security System	CA-RF69	39.95 ea.

Replacement Batteries			
REPLACEMENT BATTERIES	DESCRIPTION	MODEL #	\$ PRICE
	1.5 Volt AAA Alkaline Battery commonly found in grocery stores, hardware stores, etc.		
	3 Volt Lithium Battery (1 pc.)	CR2032	4.95 ea.



### 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.