



Owner's Manual

Model: PLUS-4900

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

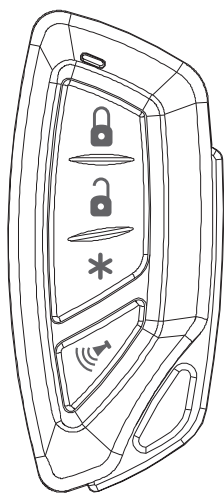
**For Technical Assistance, please call (800) 638-3600,
or visit www.magnadyne.com**

Congratulations on your purchase of a quality Carbine automotive security system. Carbine security products are technologically superior and have been designed to provide you with years of trouble free operation. The information enclosed will provide a ready reference of the operation and maintenance of your new Carbine security system. Please take a moment to read through this manual fully before use.
























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Transmitter Operation



Transmitter Operation

Transmitter Button	System Function	Remark
	Lock Doors & Arms System	Press and Release
 - 	Arm and Delete the Internal Shock Sensor and Optional External Sensor	Press Twice within 3 Seconds
 - 	Arm System with Hidden Alarm Function	Press within 3 Seconds
	Car Locator	System Must be Armed for 30 seconds or longer
	Panic Function	Press and Hold for 3 seconds.
 + 	Silent Arming/Disarming	Ignition in "OFF" Position
 + 	Active Manual Anti-Car Jacking Mode	Ignition in "ON" Position, Press and Hold for 2 Seconds
	Unlock Doors & Disarm System	Press and Release
 - 	Two Step Door Unlock and Disarm System	Press Twice within 3 Seconds
	Trunk Release - Channel 3	Press and Hold for 1.5 Seconds
 - 	Passive Arming Bypass	Press While the System is in "Disarmed" Mode
 - 	Channel #4 Output	Only when Black/White wire is Programmed for CH4 Output
 + 	Enter Valet Mode by Remote	Push both Together
 + 	Exit Valet Mode by Remote	Push both together

LED Indicator

LED	Function
OFF	System is Disarmed
Slow Flashing	System is Armed
Fast Flashing	System in Automatic Arming
1 Flash Every 5 Seconds	System in Valet Mode (When Ignition Key Off)
2 Flashes - Pause	Zone 2, Trigger on Trunk/Hook
3 Flashes - Pause	Zone 3, Trigger on Door Switch
4 Flashes - Pause	Zone 4, Trigger on Shock Sensor
5 Flashes - Pause	Zone 5, Trigger on Ignition Switch

Parking Light Indicators

Flash	Function
1 Flash	System is Armed
2 Flashes	System is Disarmed
3 Flashes	Disarmed / Triggered
3 or 6 Flashes	Progressive Car Finder


Chirp Indicators

Chirp	Function
1 Chirp	System is Armed
2 Chirps	System is Disarmed
3 Chirps	System is Armed with Ajar Warning
4 Chirps	System is Disarmed with Tamper Warning
2,3,6 Chirps	Progressive Car Finder

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 doors will lock upon arming if the door locks have been connected to the security system.


Door Ajar Warning:

Upon arming, if the siren sounds a second single chirp, 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.

Remote All Sensor Bypass

Press the  button on the transmitter two times within 3 seconds. This will arm the security system and bypass the internal shock sensor and any optional external 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 protected Door, Hood or 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)

The vehicle doors will automatically lock after the automatic arming cycle has been completed.

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 if these items are connected to the security system.

Tamper Disarming

If the security system had been previously triggered, upon disarm the siren will chirp 4 times and the parking lights will flash 3 times.

Pathway Illumination

This optional 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 optional feature will unlock only the driver's door upon disarming the security system. Pushing the  button a second time within 3 seconds will unlock the remaining doors.

Automatic Rearm

If this optional 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 procedure may be used if the remote transmitter is lost or inoperative.

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

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.

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 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 be on solid. Turn off the ignition key and the LED will flash every 5 seconds as long as the unit is in the Valet Mode.



Hold 2 Seconds



Exit Valet Mode

1. To return to normal operation, turn "ON" ignition (LED will be on solid).
2. Push and hold valet switch for 2 seconds. The LED will be off, indicating the system has now exited the Valet Mode.



RF Valet Mode

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. When the ignition key is on, the LED will be on solid.

Exit 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 stop flashing every 5 seconds to indicate that the unit is out of the Valet Mode.

Domelight Supervision

The Security System has a unique optional 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 to illuminate the interior.
2. If the security system is triggered, the dome light will flash for the same duration as the parking lights.

Note: Turning "ON" the ignition switch or arm the system will turn off the dome light prior to the 30 second timer.



Ignition Key Controlled Door Lock/Un-Lock

If the vehicles door lock system has been connected to the security system, the system will automatically lock the doors 3 seconds after the ignition switch is turned "ON", and unlock the doors when ignition key is turned "OFF". Note: If a vehicle door is open, the doors will not lock.

Channel #3 Trunk Release Output




Press and hold the  button for 1.5 seconds to activate the trunk release (Channel 3 output) and/or any other devices connected.

Channel #4 Output

Press the  -  buttons together to activate the Channel 4 output. Channel 4 is a pulse output. Note: This function is only available when the Black/White wire is programmed to operate as the CH #4 output.

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

Anti-Carjacking Feature

Warning: This security system has an anti-car jacking feature. Its default setting is “OFF”. So be sure to enable this feature if you feel it is needed.

Manual Anti-Car Jacking

1. Press and hold the transmitter  and  buttons at the same time for 2 seconds while 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.
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”.

Warning ! If any protected entrance (Drivers door, Passengers door, Trunk, Etc) is open at the time the ignition key is turned to the “ON”, the 50 second timer will start counting down after the last protected entrance is closed. To prevent this, make sure that ALL protected entrances are closed before turning on the ignition key.


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 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.
- 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.

Replacement Transmitters

TRANSMITTERS	DESCRIPTION	MODEL #	\$ PRICE
	<p>1-Way Remote for the PLUS4900 Security System</p>	<p>CA-RF49</p>	<p>59.95 ea.</p>

Replacement Batteries

REPLACEMENT BATTERIES	DESCRIPTION	MODEL #	\$ PRICE
	<p>3 Volt Lithium Battery for the PLUS4900 transmitter</p>	<p>CR2032</p>	<p>3.95 ea</p>

Replacement Parts Order Form

Credit Card or Money Order Only

(Sorry No Cash, C.O.D. or personal checks accepted)
 Call: (310) 884-7777 Fax: (310) 637-9542

Mail to: Magnadyne Corporation
 ATTN: Consumer Parts Sales
 P.O. Box 5365
 Carson, CA 90749-5365

SHIP TO: (No P.O. Boxes)

LAST NAME	FIRST NAME	INITIAL

STREET ADDRESS

ADDITIONAL ADDRESS

ADDITIONAL ADDRESS

CITY	STATE	ZIP CODE

DAY TIME PHONE NUMBER		

CREDIT CARD INFORMATION

	/		<input type="checkbox"/> VISA <input type="checkbox"/> MC
CREDIT CARD NO.		EXPIRATION DATE	

CARD HOLDER'S LAST NAME	FIRST NAME	INITIAL

STREET ADDRESS

CITY	STATE	ZIP CODE

PART #	DESCRIPTION	QTY.	PRICE EACH	TOTAL

Shipping and Handling	
Up to \$20.00	\$5.00
20.01 to 30.00	5.95
30.01 to 45.00	6.50
45.01 to 70.00	6.95
Over 70.01	7.95

Sales Subtotal = _____ . _____
 California Residents Add Sales Tax = _____ . _____
 Shipping and Handling (See Chart) = _____ . _____
TOTAL = _____ . _____

On regular orders please allow 4-5 weeks for delivery.
 Please give a shipping address where this order may be delivered between the hours of 9 am and 5 pm weekdays.
 If UPS is unable to deliver, your order will be returned and additional shipping charges will be required.

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.