



OWNER'S MANUAL

Model: PLUS-5500

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.

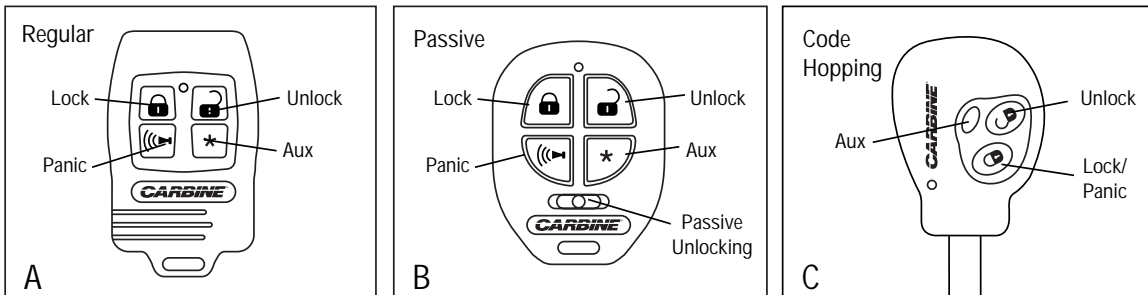
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Congratulations on your purchase of a quality Carbine Automotive security system. Carbine automotive security products have been designed to provide the consumer with a product that is technologically superior and will provide years of trouble free operation.

The information enclosed will provide a ready reference of the operation and maintenance of your new Carbine security system.

Remote Control Transmitters

Your Carbine security system can operate from any one of the three transmitters shown here. Locate the transmitter that was supplied with your system and use the drawing as a ready reference while reading through the operating procedures.



Security System Operation: (Using the transmitter to arm the security system)

1. Exit the vehicle and close all entrances.
2. Press and release the LOCK button on the transmitter. The security system will respond as follows:
 - A. The horn/siren will chirp one time.
 - B. The LED indicator will begin to flash at a steady rate.
 - C. The parking lights will flash one time.
 - D. The starter disable device will become armed and the vehicle engine will not crank
 - E. All protected entrances are armed.

Note: If the dome light is on or a sensor is active at the time you arm your security system, You will hear the horn/siren beep one time and then you will hear another beep from the horn/siren about 5 seconds later. This second beep is the active sensor warning indicator. This second beep tells you that the alarm is armed but one of the sensors has been temporarily deleted because it was on at the time the alarm was armed.

The security system is now fully armed!

Automatic Arming (Without Using the Transmitter)

Note: The following information is valid only if your security system has been programmed to automatically arm.

1. Turn off the ignition key and exit the vehicle.
2. Close all protected entrances. After the last protected entrance is closed the horn/siren will chirp one time and the LED indicator will begin to flash fast. The fast flashing LED indicates that the automatic arming timer is counting down and the security system will become armed within 30 seconds. After 30 seconds has passed, the security system will respond in the following manner:

Automatic Arming (Without Using the Transmitter) (Continued)

- A. The horn/siren will chirp one time.
- B. The LED indicator will begin to flash slower.
- C. The parking lights will flash one time.
- D. All protected entrances are armed.

Note 1: Re-opening a protected entrance before the system becomes armed will stop the arming timer . After closing the entrance the timer will begin counting again from zero.

Note 2: If the vehicle has a delayed interior lighting system, the automatic arming timer will start counting after the interior lighting has turned itself off. This could add up to 45 seconds to the total automatic arming countdown time. (Up to 75 seconds total arming delay)

The security system is now fully armed!

Disarming the Security System Using the Transmitter

1. Press and release the UNLOCK button on the transmitter. The security system will respond as follows:
 - A. The horn/siren will chirp two times.
 - B1. The LED indicator will be off. (Only if Auto Arming is programmed off)
 - B2. The LED indicator will be flashing very fast. (Only if Auto Arming is programmed on)
 - C. The parking lights will flash two times.

Note: If you are disarming the security system after it has been triggered and the horn/siren is sounding, the disarm chirps are automatically deleted.

Disarming the Security System Using the Passive Transmitter (B)

Note: When using the passive transmitter the on/off switch must be in the "on" position.

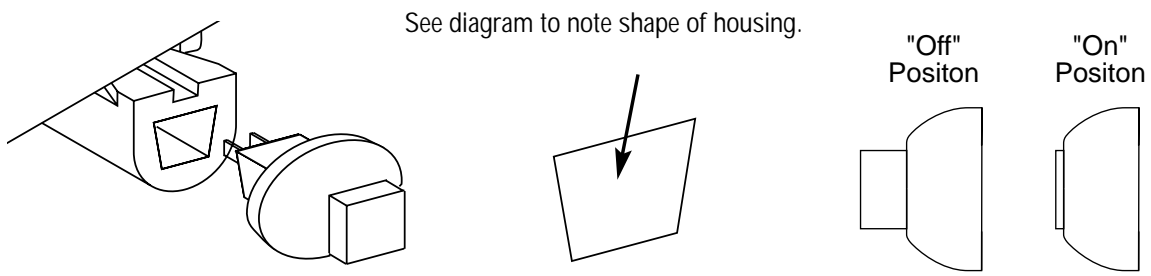
- A. Walk toward your vehicle and the security system will respond the same as pushing the unlock button on the transmitter..

The security system is now disarmed!

Removable Valet/Override Switch Operation

To provide a higher level of protection, your Carbine security system is supplied with the patented removable valet switch system. The removable valet switch is used to override the security system in the event that the transmitters are lost or fail to operate and to put the security system in non-operational mode (valet) for vehicle servicing etc.

Caution: Be careful and not to bend the override switch pins when put it into the housing. Also note the the override switch can only go into the housing one way.



Removable Valet/Override Switch Operation (Continued)

Override Operation: (Security System is Armed)

1. Enter the vehicle (The security system will begin sounding at this point) and place the override switch into the switch housing. Make sure that the switch button is in the "off" position
2. Place the ignition key into the ignition switch and turn the ignition switch to the "on" position.
3. Within 5 seconds of turning the ignition key "on", place the valet switch to the "on" position.
4. The horn/siren will stop sounding.
5. The LED indicator will be solid red.

The security system is overridden and is now in the valet mode!

Note 1: If the valet switch is already in the "on" position when you turn "on" the ignition key, the override function will be bypassed. Turn "off" the ignition key, place the valet switch in the "off" position and try again.

Note 2: If you fail to place the valet switch to the "on" position within 5 seconds of turning "on" the ignition key, the override function will be locked out. Place the valet switch in the "off" position, turn "off" the ignition key and try again.

Valet Operation: (The security system is already disarmed)

1. Place the valet switch into the switch holder making sure that the switch button is in the "off" position.
2. Turn the ignition key to the "on" position
3. Place the valet switch to the "on" position.
 - 4a. The LED will be on solid indicating that the security system is in the valet mode. (Ignition key on)
 - 4b. The LED will flash once every 5 seconds indicating the security system in in valet mode. (Ignition key off)

How to Get Back to Security System Activation Mode:

1. Place the ignition key switch to the "on" position.
2. Place the valet switch to the "off" position.
3. Place the ignition key switch back to the "off" position. You will notice that the LED indicator will be off. This indicates that you have exited the valet mode and your security system will operate normally.
4. Remove the valet switch.

Remote Panic :

Press and hold the LOCK or PANIC button for more than 3 seconds and the security system will respond in the following manner:

- A. The horn/siren will begin sounding.
- B. The parking lights will begin flashing.

To turn off the panic alarm, press and release the UNLOCK or PANIC button on the transmitter. The horn/siren will stop sounding and the parking lights will stop flashing.

Note 1: If you do not turn off the panic feature with the transmitter, the panic alarm will sound for 60 seconds and then turn off by itself.

Note 2: The panic button on the 4-button transmitter can be programmed to operate as the channel 3 button and not as a panic button. If the panic button has been programmed to operate channel 3, by pressing and holding down the lock button you can activate the panic feature.

User Discretion Silent Arming :

Your Carbine security system can be instructed to become armed or disarmed without the horn/siren chirps by the remote transmitter. To operate this feature at any time, simply press the LOCK and UNLOCK buttons at the same time to arm or disarm your security system without the chirp indications.

60 Second Re-Arming:

If your Carbine security system has become triggered, the horn/siren will sound for 60 seconds and then stop and re-set to a fully armed condition.

Note: If a protected entrance is left open, your Carbine security system will remain triggered for two more 60 second cycles then fully re-arm excluding the door input trigger. (Door input trigger is no longer functional) Closing the entrance will re-set the door input trigger within 7 seconds.

Secondary RF Protection Mode

Every time you disarm your Carbine security system with your transmitter, the security system will start an RF protection mode countdown. This is a timed secondary protection mode to insure that after the system is disarmed by radio signal, it will count down for 60 seconds and then become re-armed if no one enters the vehicle.

Note: The feature is only active when the security system has been programmed to automatically arm.

Alarm Mode Indicators:

1. The LED indicator will provide information on 7 modes of security system operation:
 - LED is off = Security system is disarmed.
 - LED is flashing = Security system is armed.
 - LED is flashing fast = Automatic arming timer or RF protection mode timer is counting down.
 - LED is on solid = Security system is in valet mode. (Only when the ignition key is on)
 - LED is flashing once every 5 seconds = Security system is in valet mode (Only when ignition key is off)
 - LED is flashing in a 2 flash-pause sequence = Tamper warning - security system has been trigger from the hood/trunk switch or electronic sensor.
 - LED is flashing in a 3 flash-pause sequence = Tamper warning - security system has been triggered from an opened door.
2. The horn/siren will provide information on four modes of security system operation.
 - One horn/siren chirp = Security system is armed.
 - One horn/siren chirp + One more chirp 5 seconds after the first chirp = Security system is armed but one of the sensors was on and the alarm has bypassed it. The remaining sensors are armed.
 - Two horn/siren chirps = Security system is disarmed.
 - Four horn/siren chirps = Tamper warning + security system is disarmed.

Upgrade Options:

Option #1: Remote Power Door Lock/Unlock Control

Note: Your vehicle must have an electronic door locking system for this feature to operate.

Installing option #1 will allow the remote transmitter supplied with your Carbine security system to lock and unlock your vehicle's doors as it arms and disarms your security system.

Option #2: Remote Trunk/Hatch Release (CH #2)

Installing option #2 will allow the remote transmitter supplied with your security system to open your vehicles trunk or rear hatch. Pressing the "AUX ✖" button on the transmitter for 2 seconds will open the existing power trunk/hatch release mechanism.

Note: Vehicles that are not factory equipped with an electronic trunk release system will require additional parts than a vehicle with a factory installed trunk release system.

Option #3: Dome Light Illumination

Installing option #3 will allow your Carbine security system to turn on your vehicles interior illumination system at the time the security system is disarmed by the remote transmitter. The interior lighting will remain on for 30 seconds after the security system is disarmed. Turning on the ignition key will turn off the interior illumination before 30 seconds.

Option #4: Single Zone Shock Sensor

Installing option #4 will increase the level of security provided by your Carbine security system. If the shock sensor becomes activated the security system will immediately trigger your security system by sounding the horn/siren and flashing the parking lights.

Option #5: Starter Disable Relay

Adding option #5 will increase the level of protection that your Carbine security system can offer. When the starter disable module is installed, the vehicles engine will not crank when the alarm system is in the armed mode.

Option #6: Unlock Drivers Door First (Requires option #1 to be installed)

Installing option #6 will allow your Carbine security system to unlock only the drivers door upon disarming the security system. To unlock the remaining doors, press the UNLOCK button once again within 3 seconds of disarming the security system. The remaining doors will become unlocked.

Option #7: Dual Zone Shock Sensor

Installing option #7 will increase the level of security provided by your Carbine security system. Zone #1 of the dual zone shock sensor will detect lighter non-threatening disturbances that would normally set off most sensors and trigger the security system. If zone #1 is activated the security system will emit a single chirp from the horn/siren. This single chirp is a pre-warning if a would be thief is attempting to enter your vehicle. Zone #2 detects heavier impacts that are considered threatening and immediately triggers your security system by sounding the horn/siren and flashing the parking lights.

Programmable Features:

The following is a brief description of the operation of each programmable feature. Any adjustment to the operation of these features must be performed by the dealer who installed your Carbine Security System. These features are not user adjustable.

Ignition Key Controlled Door Lock/ Unlock: (Remote door lock/unlock option must be installed)

With this feature activated, the door lock system of the vehicle will become locked 3 seconds after the ignition key is turned to the on position (All doors). When the ignition key is turned to the off position, the door locks will immediately become unlocked (All doors).

Note: This feature has 3 modes in which it can operate. Mode #1 operates as explained above and is the most common operation. Model #2 locks the doors when the ignition key is turned on but does not unlock the doors when the ignition key is turned off. In mode #3 the ignition key locking feature is off.

Chirp Status Indicator Delete: (Permanent Chirp Delete)

De-activating the chirp indication system will eliminate the arm and disarm chirp indicators. For your safety, the tamper warning chirp indicator will always be active.

Automatic Arming of Security System:

When the automatic arming of security system feature is programmed on, the security system will automatically become armed 30 seconds after the last protected entrance is closed without requiring a signal from the remote transmitter. (Ignition switch must be off)

Automatic Door Locking: (Remote door lock/unlock option must be installed)

If it is desired to have the vehicle's power door locking system become locked at the same time the security system becomes armed by the automatic arming of security system feature, the automatic door locking programming should be on.

Safety Illumination Sentinel System (SISS):

Programming on the Safety Illumination Sentinel System will provide the vehicle user with a lighted pathway to and from the vehicle when the security system is armed and disarmed.

With the SISS programmed on, the parking lights and the dome light will remain on for 12 seconds after the security system is armed providing a lighted pathway while leaving the vehicle.

In addition, the parking lights and dome light will remain on for 30 seconds after the security system is disarmed immediately drawing attention to your vehicle while providing a fully lighted vehicle interior and exterior.

System Maintenance:

The only maintenance that your Carbine security system requires is a periodic check of its operation to be sure that all functions are operating properly. The batteries supplied with your transmitter will usually last about 1 year. Heavier usage will shorten battery life. Reduced transmitter range is usually a sign that the battery in the transmitter is becoming weak and should be replaced.

Note: The battery supplied with transmitter (A) will last about 1 year. The battery supplied with transmitter (B) and (C) will last about 6 months. (Refer to the remote control transmitter drawing at the beginning of this manual)

Battery Replacement:

Replacement batteries for your transmitter are available in most drug stores and camera shops. To replace the battery, remove the small Phillips screw from the transmitter case and pull apart the top and bottom case halves. Remove the battery from its holder. Insert the new battery in place of the old one observing the batteries +/- polarity. Gently snap the top and bottom case halves together (DO NOT force them together) and replace the Phillips screw (DO NOT over tighten the screw)

Replacement Transmitters:

In the event that the transmitter supplied with your Carbine security system becomes damaged or lost, return to the installation facility that installed your security system to purchase a new one.

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.