



# OWNER'S MANUAL

## Remote Control Auto Starter with Keyless Entry and Panic

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.

## Model START1-PLUS

Congratulations! On your purchase of our unique remote auto starter with keyless entry system. Please read the enclosed operating instructions to insure you enjoy the numerous benefits available to you.

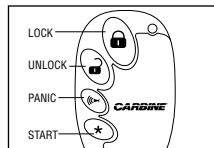
## Warnings

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[s] 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. Should the unit malfunction, disconnect the fuse until the problem is corrected.
7. The use and operations of this system is the sole responsibility of the operator.
8. This system is designed for a fuel-injected vehicle with an automatic transmission.
9. This system must be installed and wired through a safety switch so it will not start in any forward or reverse gear.
10. This system shall never be installed on a vehicle with a manual transmission.
11. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.

## Remote Control Transmitters

- Two transmitters are included for your convenience.
- Keep the transmitters dry. Do not submerge them in water.
- Loss or abuse to the transmitters or to its case is not warranted.
- Under normal use, the batteries will last about one year. [Uses GP23A type]



## Remote Keyless Entry Operation

### To Lock the Doors:

- Exit the vehicle and depress the "LOCK" button on the transmitter once.
- The parking lights will flash once and the doors will lock. Horn will chirp once.

### To Unlock the Doors:

- Depress the "UNLOCK" button on the transmitter once.
- The parking lights will flash twice and the doors will unlock. Horn will chirp twice.

### User Discretion Silent Locking and Unlocking:

This feature allows you to retain the normal "Lock/Unlock" chirps and allows you to silently "Lock" or "Unlock" the vehicle when desired.

- To lock or unlock the vehicle without chirps- depress both the "LOCK" and "UNLOCK" buttons at the same time.

### Remote Trunk/Rear Hatch Release: [Optional Accessory]

- Depress and hold the "UNLOCK" button for 3 seconds.

**Note:** This is a separate extra cost option and the vehicle must have an electric trunk release to have this feature.

### Remote Personal Panic Feature: [Optional]

When panic is activated, the parking lights will flash and the horn will beep.

**To Activate-** Depress the "PANIC" or "LOCK" button for [3] seconds or more.

**To Deactivate-** Momentarily depress the "PANIC" button or the "UNLOCK" button.

**Note:** The vehicle's horn will sound and the lights will flash for [1] minute and reset, if you do not turn "OFF" panic.

## Automatic Door Locking and Unlocking Operation

Please note this is an optional feature. Your vehicle may not have this feature. We have incorporated special features to insure maximum driver/occupant safety while operating the vehicle along with safeguards to prevent you from being locked out accidentally.

## Automatic Door Locking and Unlocking Operation (Continued)

- The doors will lock when you depress the brake pedal. (Provided that the ignition key is turned on and the doors are closed).
- The doors will unlock immediately when the ignition key is turned off.
- If you stop to pick up or drop off a passenger, the doors will automatically re-lock upon the next application of the brake pedal **after** the door is re-closed.

## Remote Auto Starter Operation

### To Remote Start the Vehicle:

- The "BLUE" button on the transmitter starts and turns off the engine.
- Depress the "BLUE" button for approximately 1 to 2 seconds.
- The parking lights will activate to indicate the remote start received the signal.
- The ignition circuits will activate and the engine will start approximately [5] seconds later.
- Once the engine is running on remote control, the climate controls will activate and adjust the vehicles interior temperature to your preset settings.
- The vehicle will run for the 14 or 21-minute cycle and automatically turns off.

### To Turn Off the Remote Starter:

- Once activated, depress and hold the "BLUE" button on the transmitter for [3] or more seconds to turn it off.

### To Operate the Vehicle While Running on the Remote Starter:

- Depress the "UNLOCK" button to unlock the doors.
- Insert and turn "on" the ignition key [two positions] and drive off.
- When you depress the brake pedal, the remote starter will turn "off". Therefore, if you accidentally depress the brake pedal before you turn "on" the ignition key, the remote starter will turn "off" and the engine will die. If this happens, simply restart the engine with the ignition key and drive off.

### Temporary Stop Feature:

This feature allows you to exit and leave the vehicle running on remote control.

#### To Activate:

1. Stop the vehicle, place the transmission in park and set the parking brake.
2. With the vehicle still running "on" the ignition key, depress the "BLUE" button to activate the remote starter. [Do not depress the brake pedal]
3. The parking lights will come "on" when the remote starter activates.
4. Turn "off" and remove the ignition keys. The engine will stay running.
5. Exit the vehicle. Be sure to take the ignition keys/remote transmitter with you.
6. Depress the remote control "LOCK" button to secure the vehicle.
7. The vehicle will continue to run for 14 or 21 minutes.

#### When you return to the vehicle:

1. Depress the remote transmitter "UNLOCK" button to unlock the doors.
2. Enter the vehicle, insert and turn "on" the ignition key.
3. Release the parking brake and drive off.

### Automatic Timed Start Mode Feature:

The timed start mode will automatically start the vehicle once every [3] hours for [6] cycles. The timed start mode can only be programmed "on" while the vehicle is running on remote control. The 3-hour timing begins from the time you activate the feature.

#### To Activate the Automatic Timed Start Mode Feature:

1. Start the vehicle by remote control.
2. While vehicle is actually running on remote control, depress the "BLUE" start button on the remote transmitter [3] times within [3] seconds.
3. The parking lights will flash "off" [3] times. The horn will chirp [3] times.
4. The vehicle is now programmed to start every 3-hours for six cycles.

## Remote Auto Starter Operation (Continued)

For safety reasons each time you operate the vehicle after you have programmed it to automatically start, the timed start mode will automatically cancel out all future-timed mode starts. You will have to reactivate the timed start mode feature after driving the vehicle if you want it to automatically start every three hours afterwards etc.

### To Deactivate the Automatic Timed Start Mode by Remote Control:

If desired, you can also cancel the automatic timed starting by remote control.

1. Start the vehicle by remote control.
2. While running on remote control, depress the "BLUE" button on the transmitter [3] times within [3] seconds.
3. The parking lights will flash "off" [4] times. The horn will chirp [4] times.
4. The vehicle is no longer programmed to start every [3] hours.

**Note:** While programmed to start every [3] hours, you can also start and shut down the vehicle by remote control as desired, without canceling the timed start operation.

## Safety Features

The vehicle can not be driven until the ignition key is used to unlock the steering column. To prevent bodily harm, attempted theft or vehicle damage, the remote starter will turn off if:

- The hood is raised.
- The brake pedal is depressed.
- Engine is over-revved. [tach mode only]
- Upon the expiration of the 14 or 21 minute programmed run time.
- The vehicle refused to start running after [3] unsuccessful attempts.

## Warranty

### One (1) Year Limited Warranty

Magnadyne Corporation or its authorized agents will, within a period of one year from the date of sale to you the original purchaser, repair, replace or refund the retail sales price of said product or any part thereof, at the option of 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 does 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 agents, 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 cost 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 products resulting from improper installation, alteration, accident, misuse, abuse or acts of nature.

**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 is strictly limited 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 warranty 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 other 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.