



## Model APS-901N Owner's Manual

### Single Channel Remote Car Starter

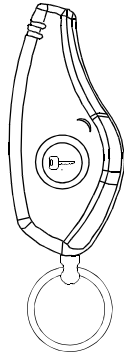
#### **FEATURES :**

- ♦ 2 Programmable RF Transmitters
  - ♦ Single Channel Receiver (capable of accepting 4 transmitters)
  - ♦ On-Board Start Relay
  - ♦ On-Board Accessory Relay
  - ♦ On-Board Ignition 1 Relay
  - ♦ On-Board Ignition 2 Relay
  - ♦ Ignition 2 Relay Selectable On or Off During Cranking
  - ♦ On-Board Parking Light Relay
  - ♦ Ignition 3 / Shock By-Pass / GM VAT Output (relay required)
  - ♦ Tach Signal Learning Circuit
  - ♦ Two ( + ) and Two ( - ) Safety Shutdown Circuits
  - ♦ Alarm By-Pass Output
  - ♦ Accessory Outputs (Pulse Before & After Start, During Crank & After Shut Down)
  - ♦ Selectable Steady or Flashing Parking Lights for Run Indication
  - ♦ Selectable 5, 10, 15, 20 Minute Run Time
  - ♦ Status indicator LED/Control Switch
- Optional Door Unlock Feature For Vehicles Equipped With Power Doors  
(Only operational while running under control of the remote start unit.)

**REMOTE STARTING THE VEHICLE**

This will not start the vehicle if any one of the following situations exists;

- The vehicle's hood lid is opened.
- The gear shift selector is not in Park.
- The brake pedal is depressed.
- The safety control switch is in the Off position.



1. To start the vehicle, press and release the transmitter button two times within 2 seconds. The vehicle will start and remain running for the pre-programmed 5,10,15,20 minute run cycle. As a visual indication, the parking lights will flash or remain on depending on the setting by your installation center.

2. When you arrive at the vehicle, turn the ignition key to the ON position (not the spring loaded start position), then step on the brake pedal to disengage the remote starter. The vehicle will continue to run, but now on it's own power.

**NOTE:** The engine will stop running before the pre-programmed run cycle has expired if you perform any one of the following functions;

- Press and the button on the keychain transmitter two times within 2 seconds.
- Depress the brake pedal.
- Open the vehicle's hood
- Place the unit in the safety control disabled mode.

**PRLED SAFETY CONTROL SWITCH**

The Push-Button Red LED control switch allows you to temporarily disable the remote starting function of the system. This recommended whenever the vehicle is being serviced. To place the system in the service mode:

- 1) With the system disarmed, and the ignition switch off Press and Hold the PRLED on.
- 2) Turn the ignition switch on, off, on, off, on, off.
- 3) The LED begins to flash three short flashes followed by three long flashes and continues this pattern until returned to normal mode of operation.

This puts the unit into the R/S Override mode indicating that the remote start is in the service mode and will not start from RF or any other input Posse or otherwise.

To Exit R/S Override Mode

- 1) With the system disarmed, Press and Hold the PRLED on.
- 2) Turn the ignition switch on, off, on, off, on, off.
- 3) The LED turns off indicating that the R/S unit is fully functional one again.

**UNLOCKING THE VEHICLE:**

If you have electric door lock, and the Optional Unlock feature was added, with the vehicle running under command of the remote start unit, press and hold the transmitter button for 3 seconds until the doors unlock.

**TELEMATIC UPGRADE:**

This system has the ability to have a telematic upgrade module connected to it. This is an upgrade that can give you control of certain functions of your vehicle from a Telephone, or in some cases a computer interface. Please check with your installation center for most recent Telematic Upgrades. If you had a Telematic Upgrade installed, the manual supplied with the upgrade unit will provide a operators manual advising of the features of the system and means available to control these features of your vehicle.

**FUNCTION SETTING CHART**

To be completed by installer

Run Time	5 Min <input type="checkbox"/>	10 Min <input type="checkbox"/>	15 Min <input type="checkbox"/>	20 Min <input type="checkbox"/>
While Running Unlock	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
Lights	Pulse <input type="checkbox"/>	Steady <input type="checkbox"/>		

