



**Model APS-900**  
Owner's Manual

## **Single Channel Remote Car Starter**

### **FEATURES :**

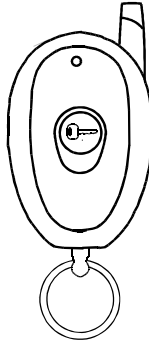
- ♦ 2 Programmable RF Transmitters
- ♦ Single Channel Receiver (capable of accepting 4 transmitters)
- ♦ On-Board Start Relay
- ♦ On-Board Accessory Relay
- ♦ On-Board Ignition 1 Relay
- ♦ On-Board Ignition 2 Relay
- ♦ Ignition 2 Relay Selectable On or Off During Cranking
- ♦ On-Board Parking Light Relay
- ♦ 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

From AS9050 Released: 6/06  
Added Feature #9 BS Output with Transmitter

**128-8209**  
**1 of 2**

### **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
- Move the safety control switch to the Off position.

### **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.

### **SAFETY CONTROL SWITCH**

The red handle control switch allows you to temporarily disable the remote starting function of the system and moving this switch to the Off position is recommended whenever the vehicle is being serviced. When the system is disabled, the remote door locks and optional accessories will remain operational.

### **REPLACING THE TRANSMITTER BATTERY**

The battery in your transmitter will last about 1 year under normal use after which it should be changed. To change the battery, using a #0 point Phillips head screwdriver,:

- 1) Remove the screw from the back of the case.
- 2) Separate the top case half from the bottom.
- 3) Slide the plastic battery case with the two discharged CR1220 batteries out from under the clip. Remove the batteries from the plastic case and dispose of properly.
- 4) Stack the two replacement CR1220 batteries in the plastic case with the + symbol facing up.
- 5) Slide both batteries with the + symbol facing away from the PCB.

Reassemble the case in the reverse order being certain not to over tighten the case screw.

### **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"/>
Lights	Pulse <input type="checkbox"/>	Steady <input type="checkbox"/>		



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