



## Model APSRS1Z

### Owner's Manual

# 1 Channel Remote Car Starter

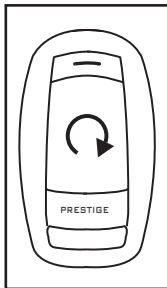
## FEATURES

- ◆ 2 One Button Programmable RF Transmitters
- ◆ One Channel Receiver (capable of accepting 4 transmitters)
- ◆ External Superheterodyne Receiver Antenna w/Push Button Switch & LED
- ◆ PBS / (-) Unlock Output
- ◆ 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
- ◆ ( + ) and ( - ) 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, 45 & 60 Minute Run Time
- ◆ Selectable 1 Sec., 3.5 Sec., or 1 Sec./Dbl 1 Sec. Door Lock Output Pulse
- ◆ Car Finder Mode

## KEYLESS ENTRY

The button on the transmitter can be used to unlock the vehicle's doors, while running under control of the remote start. Simply press and hold transmitter button for 3 seconds as you approach the vehicle and the doors will unlock.

**NOTE:** Vehicle must have power door locks, and this option must be connected at time of installation.



## REMOTE CAR FINDER

The Start button is also used to access the car finder mode. This feature is particularly useful in a crowded parking lot where finding your car may be difficult. To access the car finder mode, while within range of your car, simply press and hold the button of your transmitter for three seconds. The parking lights will begin to flash making your vehicle more visible. The lights will stop automatically after 30 seconds. If you wish to turn off the car finder mode prior to the expiration of the 30 second timer, press and release button of your transmitter one time.

## REMOTE STARTING THE VEHICLE

This unit will not start the vehicle if any one of the following situations exist:

- ♦ 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 Start button two times within 2 seconds. The vehicle will start and remain running for the pre-programmed run cycle of up to 60 minutes. 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 its 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 release Key/Trunk 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 override/disabled mode

## PUSH BUTTON LED RECEIVER VALET/OVERRIDE/SAFETY CONTROL SWITCH

The Push Button LED switch located in the receiver allows you to temporarily disable the remote starting function of the system. This is recommended whenever the vehicle is being serviced.

To place the system in the service mode:

1. With the system disarmed/unlocked, and the ignition switch off, Press and Hold the Push Button, found on the windshield receiver, in.
2. Turn the ignition switch on, off, on, off, on, off.
3. The LED begins to flash two short flashes followed by one long flash 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 Push Button, found on the windshield receiver, in.
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 once again.

**NOTE:** The LED on the receiver can be selected/toggled on and off. This feature is useful if you do not want the LED flashing all the while the vehicle is locked.

To toggle this feature on or off:

- 1) Turn the ignition switch on then off.
- 2) Within 5 seconds, Press and hold the receiver's push-button switch for

5 seconds. The LED will flash once for "ON" and twice for "OFF". On, means normal flash patterns will function, and off normal flash patterns will not function. The Programmed Transmitter Notification, will always function, as well, or the programming mode of the unit for transmitters or feature selection.

### **PROGRAMMED TRANSMITTER NOTIFICATION (PTN)**

Every time after Disarm, when the ignition key is turned on, the unit's LED will report the number of transmitters programmed into the system. This safety feature will alert you if an unauthorized transmitter has been programmed into your vehicle's security system without your knowledge. Typically from the factory, there will be 2 flashes and a pause, repeated 3 times, indicating that two transmitters are programmed into the system. If you note additional flashes, an additional transmitter may have been added without your knowledge or authorization. If you notice a change in the transmitter LED report pattern, you can correct this by looking up how to erase and reprogram your transmitters found in the transmitter programming guide. This reprogram operation will erase all unauthorized or unwanted transmitters.

### **PROGRAMMING NEW OR REPLACEMENT TRANSMITTERS (BANK 1)**

**The Transmitter Model Name 171BP, is also found on the back of the transmitter case. This transmitter uses a CR2032 Battery.**

1. Turn the ignition key to the on position.
2. Press and Release the valet/programming switch 3 times (Siren Chirps and lights flash).
3. Press the Button of each transmitter you want programmed until you hear a chirp from the horn or siren, or the parking lights flash.
4. Turn the ignition switch off.

The above action programs the Start button in a 1 button system.

### **Transmitter Battery Replacement:**

1. Locate the slot along side lower right side of the transmitter case and using a plastic tool or a coin, separate the two transmitter case halves.
2. Slide the CR 2032 battery from the battery holder paying attention to the battery orientation's (+) side facing away from the circuit board.
3. Replace the battery with a new one.
4. Reassemble the case in reverse order of disassembly.