



AUDIOVOX®
ELECTRONICS CORP.

Model AA-RS10CS
Owner's Manual

3 Channel Remote Car Starter

FEATURES :

- ♦ 2 Three Button Programmable RF Transmitters
- ♦ Three Channel Receiver (capable of accepting 4 transmitters)
- ♦ Code Hopping Technology
- ♦ (+) and (-) Keyless Entry Outputs
- ♦ 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
- ♦ Channel 2 Output for Remote Trunk Release (relay required)
- ♦ Channel 3 Output to Control Optional Accessories
- ♦ Selectable Steady or Flashing Parking Lights for Run Indication
- ♦ Selectable 10 or 15 Minute Run Time
- ♦ Selectable 1 Second or 3.5 Second Door Lock Output Pulse

YOUR "CODE HOPPING" TRANSMITTERS



The transmitters included with your new remote start system use the most advanced and secure form of radio frequency transmission available on any current automotive remote system. Some of today's sophisticated auto thieves use a device known as a code grabber, which will receive and store the signal from your keychain transmitter, and re-transmit at a later time to disarm your system.

Your code hopping transmitters will change their signal every time the button is pressed, so when a thief grabs then re-transmits your signal, the alarm system *will not* respond.

If your transmitter button is pressed more than fifty times while it is out of range of the vehicle (children playing with your keys), the transmitter will not operate when you return to the vehicle, and will need to be re-aligned to the receiver. To do this, simply press button 1 two times within a one second time period. The system will now respond to that transmitter each time a button is pressed.

KEYLESS ENTRY

1. Button 1 on the transmitter is used to lock and unlock the vehicle's doors. To lock or unlock the doors simply press and release this button one time. As a keyless entry unit, for your convenience, the parking lights will flash once when the doors are locked and twice when the doors are unlocked.

REMOTE STARTING THE VEHICLE

The AA-RS10CS 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 second transmitter button two times within 2 seconds. The vehicle will start and remain running for the pre-programmed 10 or 15 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 release the KEY icon transmitter 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.

SAFETY CONTROL SWITCH

The 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.

ADDITIONAL REMOTE FUNCTION (CHANNEL 2)

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are;

- ☐ Remote Trunk Release
- ☐ Remote Window Closure
- ☐ Remote Garage Door Interface

To activate the optional accessory, press and hold the transmitter's button 2 for 4 seconds.

NOTE: The feature that has been added to channel 2 will always be activated using the same transmitter button that remotely starts the vehicle. There is no way to move the channel 2 function to a different transmitter button.

ADDITIONAL REMOTE FUNCTION (CHANNEL 3)

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are;

- ☐ Remote Trunk Release
- ☐ Remote Window Closure
- ☐ Remote Garage Door Interface

To activate the optional accessory, press the transmitter button with the word OPTION on it. The optional accessory will immediately engage.

FUNCTION SETTING CHART

To be completed by installer

| | | |
|----------------|----------------------------------|----------------------------------|
| Door Lock Time | 3.5 <input type="checkbox"/> | 1 Sec. <input type="checkbox"/> |
| Lights | Pulse <input type="checkbox"/> | Steady <input type="checkbox"/> |
| Run Time | 10 Min. <input type="checkbox"/> | 15 Min. <input type="checkbox"/> |