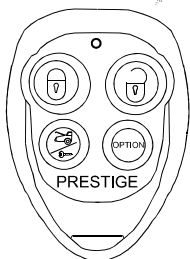




Model APS-620N

Owner's Manual



KEYLESS ENTRY OPERATION

The Lock button on the transmitter is used to lock the vehicle's doors, the Unlock button is used to unlock the vehicle's doors. To lock or unlock the doors simply press and release the desired function button one time. As a keyless entry unit, when the doors are locked, for your convenience, the parking lights and or vehicle horn will flash/beep once. When the doors are unlocked the parking lights and or vehicle horn will flash/beep twice.

REMOTE CAR FINDER

The Lock or Unlock buttons are 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 either the lock or unlock button of your transmitter for three seconds. The parking lights will begin to flash, and if connected, the vehicle horn will beep making your vehicle audible as well as more visible. The lights and or horn 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 hold for three seconds either the lock or unlock buttons a second time, or press and release the Trunk/Start button one time.

REMOTE TRUNK RELEASE

If you have electric trunk release in your vehicle and the remote trunk release option was added, simply press and hold the Key/Trunk button of your keychain transmitter for 4 seconds or until the electric trunk of your vehicle opens.

REMOTE STARTING THE VEHICLE

This unit 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 system is placed in the override position.

1. To start the vehicle, press and release the Key/Trunk 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 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 control disabled mode.

THE OPTION BUTTON of your transmitter may or may not be used with your system but may be used with a second similar Audiovox Model system that may be installed on a second vehicle in your family.

PUSH-BUTTON SAFETY CONTROL/PROGRAM SWITCH

The Push-Button safety control switch 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/temporary disabled mode:

- 1) With the system disarmed/unlocked, and the ignition switch off Press and Hold the Push-Button Switch on.
- 2) Turn the ignition switch on, off, on, off, on, off.
- 3) The LED begins to flash two short flashes followed by one 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 system is in the service/temporary disabled mode and will not start from RF or any other input Telematic input or otherwise.

To Exit R/S Override Mode:

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

OPERATING ON AUTOMATIC START UP TIMER MODE

Your system has the ability to automatically start the vehicle every 2 or 4 hours over a 48 hour period. This feature is especially useful in cold climates where the only means to keep the engine and engine fluids warm is to periodically start the engine.

WARNING! Be certain that the vehicle is outdoors before using this or any remote vehicle starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.

TO BEGIN THE AUTOMATIC START UP TIMER

1. Turn the ignition key on then off.
2. Within 10 seconds, activate the RF start command two times. (Press the programmed channel button of your keychain transmitter 4 times).

The parking lights will flash and the siren will chirp 2 or 4 times indicating the timed start mode is activated. The vehicle, on a 2 or 4 hour interval basis, dependent on the number of chirps heard when activated as described above will automatically start, run for the pre-programmed time (5,10,15 or 20 minutes), and then shut off. This will continue for 48 hours.

NOTE: The automatic start up timer can also be initiated from the keychain transmitter.

To do this:

1. Start the vehicle using the keychain transmitter by pressing and releasing the second channel transmitter button 2 times.
2. Shut off the vehicle using the keychain transmitter by pressing and releasing the second channel transmitter button 2 times.
3. Within 10 seconds of step 2, activate the RF start command two times. (Push the second channel button of your keychain transmitter 4 times).

The parking lights will flash and the siren will chirp 2 or 4 times indicating the timed start mode is activated.

CANCELING THE AUTOMATIC START UP TIMER

To cancel the automatic start up timer do one of the following;

1. Start the vehicle manually with the use of the ignition key and depress the brake pedal.
2. Remote start the vehicle using your keychain RF transmitter.

PROGRAMMING TRANSMITTERS:

At times it may become necessary to program replacement or additional transmitters for use with your system. To do this:

- 1) With the system unlocked or disarmed, turn the ignition key to the on position.
- 2) Press and release the Program/Override push-button switch three times.

The unit will flash the parking lights and or beep the horn once to indicate that the system is in the transmitter program mode. The LED will also flash one time pause, one time pause, etc... indicating that you are in the transmitter program mode of the unit's channel 1 or single button program mode.

- 3) Press and hold the lock button of each additional transmitter you wish to operate your system.

NOTE: The unit is capable of storing up to 4 transmitters. If a fifth transmitter is added, the first transmitter programmed will be bumped out.

Once all transmitters have been programmed, turn the ignition switch off to exit the program mode.

The system allows priority button programming in case you intend to operate two vehicle with one transmitter. In this instance you will program the default button combination, (One Button Programming), for the main vehicle you drive, and a different combination for the second vehicle so you are not unlocking, locking, or starting both vehicles when they are within range of each other.

To prioritize transmitters after programming the transmitter into the first vehicle:

Enter the transmitter program of the second vehicle as above by:

- 1) With the system unlocked or disarmed, turn the ignition key to the on position.
- 2) Press and release the push-button switch three times

The unit will flash the parking lights and or beep the horn once to indicate that the system is in the transmitter program mode. The LED will also flash one time pause, one time pause, etc... indicating that you are in the transmitter program mode of the unit's channel 1 or single button program mode.

3) Press and hold any combination of buttons of your transmitter that was not used for your primary vehicle.

If, for instance you can press and hold the lock and unlock buttons simultaneously, for controlling Lock function of the second vehicle.

4) Press and release the program push-button switch once to advance to channel 2, unlock.

Here you can press and hold the lock and start buttons simultaneously, for controlling the unlock function of the second vehicle.

5) Press and release the program push-button switch once to advance to channel 3, start.

Here you can press and hold the start and option buttons simultaneously, for controlling the start function of the second vehicle.

DELETING TRANSMITTERS FROM YOUR SYSTEM:

It may be necessary to delete a lost transmitter or to reprioritize a transmitter that is programmed to your system. To remove a transmitter that has been programmed in your system:

1) Enter the transmitter program mode of channel 1 as indicated above.

2) Press and hold any transmitter button that has not been programmed into channel 1 until you hear a chirp, then release and immediately press the same button a second time until you hear a long chirp followed by a short chirp. This action erases the transmitter.

If the transmitter you wish to erase has been lost or stolen then following the information below will successfully remove the transmitter.

NOTE: For this procedure, you must have all transmitters you wish to remain programmed in your system available.

1) Enter the transmitter program mode of channel 1 as indicated above.

2) Press and hold the lock button of each transmitter you wish to operate the lock function of your unit making sure you occupy all four transmitter slots. In other words, you have three transmitters you wish to remain programmed. Press and hold the lock button of transmitter one until a long chirp is heard, then press and hold the lock button of transmitter two, then press and hold the lock button of transmitter three, followed by pressing and holding the lock button of transmitter one again. This action fills all four receiver slots.

3) Advance to receiver channel 2 by pressing the push-button switch one time.

4) Press and hold the unlock button of each transmitter you wish to operate the unlock function of your vehicle, again making sure all four transmitter slots are filled.

4) Advance to receiver channel 3 by pressing the push-button switch one time.

5) Press and hold the unlock button of each transmitter you wish to operate the start function of your vehicle, again making sure all four transmitter slots are filled.

If you are uncomfortable about the programming of additional transmitters as outlined in the processes above please contact your installation center or call the technical service number listed on the back of the transmitter for help.

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

(2) This device must accept any interference received: including interference that may cause undesired operation.

Per FCC 15.21, you are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user ' s authority to operate the equipment.

BATTERY REPLACEMENT

The transmitter incorporates a small LED visible through the case which is used to indicate battery condition. You will notice a decrease in transmitter range as the battery condition deteriorates. Transmitter battery replacement is recommended at least every 10 to 12 months, depending upon how frequently the transmitter is used.

To replace the battery in the 91P Transmitter



- 1) Carefully Separate apart the case using the edge of a coin as shown.
- 2) Remove the rear cover to access the discharged battery paying attention to the proper polarity orientation.
- 3) Carefully remove and properly dispose of the discharged battery.
- 4) Insert the new battery, than carefully snap closed the transmitter case.



5) If you accidentally dislodge the circuit board from the transmitter housing, be certain that the rubber membrane is seated properly, and the buttons are properly exposed from the front view of the case, then insert the circuit board, and return to step #4.

91P Uses CR2032 Lithium Battery

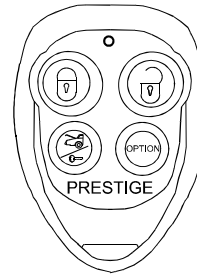
ORDER FORM FOR 91P

Attention: Transmitter Ordering Department

Important: To help us expedite your order, please print all of the information legibly and mail this form and your payment according to the instructions below.

Note: Transmitter model number found on back of case.

- 1) Transmitter Model Number _____
- 2) Name: _____
- 3) Address: _____
- 4) City: _____ State: _____ Zip Code: _____
- 5) Telephone Number: (____) _____
- 6) Total Number Of Transmitters Required: _____
Cost Per Transmitter is: \$65.00



Multiply By Number Of Transmitters X _____


7) Enter Total Amount Enclosed _____
(New York State Residents must include the appropriate sales tax)

8) Method of Payment:
 Mastercard Visa Check or Money Order (do not send cash)
Make Checks Payable To Audiovox Corporation

Credit Card Number: _____

Credit Card Expiration Date: ____ / ____ / ____

9) Mail this form along with your payment to:
Audiovox Electronics Corp., 150 Marcus Blvd., Hauppauge, N.Y., 11788
Attn.: TRANSMITTER DEPARTMENT

 Credit card purchasers can order additional or replacement transmitters by phone. Simply dial 1 - 800 - 645 - 4994, and follow the instructions from the operator interface.

CAUTION: CARBON MONOXIDE GAS CAN CAUSE SERIOUS INJURY AND EVEN DEATH

It is the sole responsibility of the user to operate the vehicle this system is installed in a safe manner. This device must not be used in an enclosed space like a garage, attached or detached, car port, or any partially enclosed areas. Also this device must be placed in the service mode when dropping the vehicle off for service to prevent injury to the service technician.