

## **Model P20 Owners Manual**

### **2 Button Remote Security System**

#### **With Anti-Hijack Feature**

**Important:** In order to provide you and your vehicle with the highest level of security, this System is equipped with an Anti Hi-jack feature. The selectable Anti Hi-jack mode and it's Operation is described in this manual. Having a thorough working knowledge of your Security system will afford you the highest level of personal protection. We urge you to Read this manual completely to take advantage of all the features included with this Security system.

#### **Features:**

- 2 Two button Transmitters
- Three Channel Code Learning Receiver
- Negative Pulsed Door Lock Outputs
- Selectable Door Lock Output Pulse Duration
- Selectable Ignition Control Door Lock On/Off
- Selectable Ignition Control Unlock On/Off
- Selectable Passive Or Active Arming
- Selectable Passive Or Active Door Lock
- Selectable Anti-Hijack Mode On/Off
- Remote Control Operation Of Anti-Hijack Mode (See Programming)
- Operation Of The Siren/Horn, Or Both
- Silent Mode Arm/Disarm On Off Via Programming
- 8 Function LED Indicator
- Intrusion Zone Chirp With Memory
- Onboard Light Flash Relay
- Negative And Positive Door Trigger Inputs
  - Additional Negative Trigger Input
- Single Tone Siren
- Starter Inhibit Output (Optional Relay Required)
- Dual Stage Shock Sensor

#### **Options:**

- Remote Trunk Release Vehicle Must Have Electric Trunk Release (may required relay)
- Remote Door Lock Control Of Existing Electric Door Lock
- Capable Of Operation Multiple Vehicles With Similar Audiovox Systems
- Remote Start Optional Module Required
- Remote Window Control Optional Module Required

**NOTE:**

This system has the ability to operate a siren, the vehicle horn or both. Where siren is Referenced it may be the vehicle horn in place of or both the siren and the vehicle horn.

**ARMING THE SYSTEM – ACTIVE**

1. Turn off the engine, exit the vehicle, and close all doors, hood lid, and trunk lid.
2. Press and release the ARM / DISARM button on the keychain transmitter.

Red dash mounted LED begins to flash slowly.

Parking Lights flash one time.

Siren sounds one chirp.

If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid Ajar. Simply close the opened entry point to provide full protection. If the Siren did not sound when arming, then the chirps have been turned off, And you should refer to the section titled "ELIMINATION THE RM/DIS ARM CHIRPS" in this manual.

Door LOCK – Optional

**SILENT ARMING - ACTIVE**

1. Turn off the engine, exit the vehicle, and close all doors, hood lid, and trunk lid.
2. Press both buttons on the keychain transmitter.

Red dash mounted LED begins to flash slowly.

Parking Light flash one time.

Siren will not sound.

If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid Ajar. Simply close the opened entry point to provide full protection.

Doors Lock – Optional

Note: Must be selected on during installation

**ARMING THE SYSTEM - PASSIVE (AUTOMATIC)**

1. Turn off the engine, exit the vehicle, and close and lock all doors, hood lid, and trunk lid.

Red dash mounted LED begins to flash rapidly, indicating 30 second passive arming has begun.

2. Opening any protected entry point during the 30 second passive arming cycle will immediately suspend automatic arming, and the 30 second passive arming cycle will restart when All doors are closed. At the end of the passive arming cycle.

Red dash mounted LED begins to flash slowly.

Parking Lights flash one time.

Siren sounds one chirp

If the siren did not sound when arming, then the chirps have been turned off , and you should refer to the section titled "ELIMINATING THE ARM/DISARM CHIRPS" in this manual.

Doors Lock- optional

Door locking during passive arming is a selectable feature. The alarm can be programmed to allow the doors to lock only when arming using the keychain transmitter, and they will not automatically lock during passive arming.

## **PROTECTION WHILE THE SYSTEM IS ARMED**

Opening any protected door, hood or trunk lid will cause the alarm to immediately sound. The alarm will continue to sound for 30 seconds, then stop and continue to monitor all protected entry points. If the thief left a door opened, the alarm will sound for six 30 second cycles, remain armed and ignore that triggered zone.

Whenever the system is armed, the red dash mounted LED indicator will slowly flash. This serves as a visual deterrent to the potential thief. The LED is a very low current Bulb, and will not cause the vehicle's battery to drain, even when left unattended for Extended periods.

Whenever the system is triggered, the vehicle's parking lights will flash for the full 30 second alarm cycle, attraction visual attention to the vehicle.

Whenever the system is armed, the vehicle starting circuit will be bypassed. If the thief should choose to ignore the siren, the vehicle can not be started.

Any strong impact to the vehicle's glass/body will cause the alarm to trigger for the full 30 second alarm cycle. A milder impact will cause the siren to emit a few short warning tones.

## **DISARMING THE SYSTEM**

1. As you approach the vehicle, press and release the ARM/DISARM button on the keychain transmitter.

Red dash mounted LED turns off.

If passive arming is selected, the LED will start flashing rapidly, indicating that the system is rearming automatically. Open any door to suspend the automatic arming.

Parking Lights flash two times.

If the parking lights flashed three times, then the alarm was triggered in your absence. Before turning the key on, examine the LED to identify Which zone was triggered.

Siren sounds two chirps.

If the siren sounds 4 chirps, then the alarm was triggered in your absence. Before turning the key on, examine the LED and refer to the INT RUSION WARININ SIGNALS section of this manual to identify which zone was triggered.

If the siren did not sound when disarming, then the chirps have been turned off, and you should refer to the section titled "ELIMINATION THE ARM/DISARM CHIRPS" in this manual.

Doors unlock –optional

**NOTE:** Anytime the system is disarmed, the unit will rearm automatically unless a door is Open . This will occur regardless of the arming method selected.

## **SILENT DISARMING**

1. As you approach the vehicle, press both buttons on the keychain transmitter.

Red dash mounted LED turns off.

If passive arming was selected during the installation, then the LED will Start flashing rapidly, indicating that the system is rearming automatically. Open any door to suspend the automatic arming

Parking Lights flash two times.

If the parking lights flashed three times, then the alarm was triggered in your absence. Before turning the key on, examine the LED to identify Which zone was triggered.

Siren will not sound.

If the siren sounds 4 chirps, then the alarm was triggered in your absence.

Before turning the key on, examine the LED and refer to the INTRUSION

WARNING SIGNALS section of this manual to identify which zone was triggered.

Doors Unlock- optional

Note: Must be selected on during installation.

## **INTRUSION WARNING SIGNALS**

This system will inform you if an intrusion attempt has occurred while you were away from the Vehicle. If an intrusion attempt has occurred, the siren will chirp 4 times and the parking lights will Flash 3 times when disarming the system. Enter the vehicle, and observe the red dash mounted LED To identify which zone was triggered.

If the LED is flashing two times...pause...etc; then an intrusion attempt was made to

A hood or trunk pin switch that was added to the system, or to a light activated entry

Point if the alarm was installed using the voltage sensing feature.

If the LED is flashing four times...pause...three times...pause...etc; then an intrusion attempt was made through one of the vehicle's doors.

If the LED is flashing four times...pause...four times...pause...etc; then the shock sensor was activated in your absence.

If the LED is flashing five times...pause...five times...pause...etc; then an attempt to start the vehicle by the ignition switch had occurred in your absence.

These intrusion warning indicators are stored in the system's memory, and will only be erased when the ignition key is turned on

## **VALET SWITCH**

The valet switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your keychain transmitter, or by operation the manual override sequence.

1. From the disarmed condition, turn the ignition key to the on position.
2. Press and hold the valet push-button switch until the dash mounted LED, (Light Emitting Diode) turns on. The LED will remain on as long as the stem is in valet mode.
3. To return to normal operation, turn the ignition switch on, then.  
Press and hold the push button switch until the LED turns off.

NOTE: Always remember to return the system to the NON VALET mode, after servicing, to Ensure that the vehicle remains protected at all times.

## **MANUALLY OVERRIDING YOUR SYSTEM:**

### **USING THE VALET SWITCH MANUAL OVERRIDE**

Your Security System can be disarmed without the use of the keychain transmitter. This is Necessary, since you will need the ability to operate your vehicle if the transmitter is lost or its Battery fails.

o override the system:

1. Open the vehicle door. The alarm will sound.
2. Turn the ignition key to the on position.
3. Within 10 seconds, press and release the valet push button switch.

The alarm system will stop sounding and enter the disarmed mode. You can now start and operate the vehicle normally.

Typically this override mode is used only if the transmitter has become inoperative. You may elect to enter the VALET mode until repair or replacement of the transmitter, after which, returning the system to the full operation mode is necessary. To do so, see the heading VALET SWITCH.

### **ELIMINATION THE NORMAL ARM/DISARM CHIRPS**

As explained earlier in the manual, you can eliminate the chirps selectively any time you arm or disarm the system simply by pressing both transmitter buttons. If you find the normal arming and disarming chirps annoying, they can be turned off permanently, eliminating the need to press both buttons. To turn chirps off permanently, selectable features # 6 & 7 must be turned off in the feature programming section of the installation manual. Refer to this manual or consult with your installation technician to have this feature turned off.

NOTE: Whenever the chirps are bypassed, the 4 chirps intrusion indicator and 3 chirp defective zone indicator will always operate. Since these are important warnings to you that something has happened, they cannot be eliminated.

### **SENSOR DEFEAT FROM THE TRANSMITTER**

This system has the ability to allow the sensor to be defeated, from the transmitter, entirely for one arming cycle. To use remote panic,

Arm the system by pressing the arm button of the transmitter one time.

If within 3 seconds of arming the system you press the arm button a second time, the sensor will be defeated for one arming cycle. If the system emits two chirps, you waited too long and inadvertently disarmed the system.

### **REMOTE PANIC OPERATION**

The ARM or DISARM button on your keychain transmitter also functions as a panic switch for use in emergency situations. To use remote panic,

1. Press and hold the ARM or DISARM button on the keychain transmitter for 3 or more seconds. The alarm will immediately sound.
2. To stop the alarm, press and hold the ARM or DISARM button on the transmitter again for 3 seconds. If the button is not pressed, the alarm will automatically stop after 30 seconds.

### **ADDITIONAL REMOTE FUNCTION (CHANNEL 2)**

This security 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 Car Start

Remote Window Closure

To activate the optional accessory, press and hold button 2 on the keychain transmitter for two Seconds.

## **ANTI HI-JACK MODE OPERATION**

1.a) With the ignition switch on, and the doors closed, press and hold both buttons of the transmitter for 1 second to initiate the antihijack mode. The parking lights will turn on for 1.5 seconds to indicate the mode was initiated.

b) If while the ignition is on, and a door is opened and then all door is opened and then all doors are closed, the unit will enter the antihijack mode. The parking lights will turn on for 1.5 seconds to indicate the mode was initiated.

2. a) 60 seconds after initiation, the siren will begin to sound and the parking lights will begin to flash.

b) 120 seconds after initiation, the siren will start to sound, and the parking lights will begin to flash.

3.a) 90 seconds after initiation, the starter inhibit circuit,(when installed) will be activated, the siren and lights will continue until the battery is exhausted, or until the unit is reset.

b) 150 seconds after initiation, the starter inhibit circuit, (when installed), will be activated, the siren and lights will continue until the battery is exhausted, or until the unit is reset.

**NOTE:** If you are the unfortunate victim of a vehicle Hi-Jack, for your personal safety, it is best to leave the vehicle as quickly as possible. Never attempt to oppose the thief in any way. If the thief prevents you from leaving the vehicle, disarm the Hi-Jack feature to prevent the system from sounding while you are in the presence of your captor. Once you exit the vehicle, opening and then closing the door will initiate the Hijack feature the system will go through the cycle mentioned above. Once the engine is turned off, it cannot be restarted if the optional starter inhibit Circuit is install. The unit will continue to make noise from the siren or the form and the lights will continue to flash until the system is reset, or until the battery is exhausted.

## **DISARMING THE HI-JACK FEATURE**

Anytime after the HI-Jack mode has been triggered, the circuit can be disarmed simply by pressing the hidden push button switch. Depressing this switch one time will cause the security to reset the HI-JACK mode. The circuit will not trigger again unless the door is opened and then closed while the vehicle is running.

**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, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

**CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.**

