PRESTIGE

O.L.E.D. Remote Start Security System With Plug-In Shock Sensor & Starter Disable

IMPORTANT ! In order to provide you with the highest level of security to your vehicle, this system is equipped with selectable manual override circuitry. It is possible that you will need to override you security system if the transmitter becomes lost, or inoperative due to battery failure. Reading the sections on "Manually Overriding Your System" is necessary to fully understand the procedure required to enable your vehicle in such situations. In addition, the chart on the last page of this manual has a section for the particular features and options installed in your vehicle as well as the override method selected. Although the default mode is "Valet Switch" operation, the system can be configured for "Custom Code" operation for enhanced security. Confirm the override mode selected on the last page of this manual, and familiarize yourself with the section on it's operation.

FEATURES :

- 1 Two Way 4 Button 900 MHz OLED Remote Control w/ Side Switch
- 1 One Way 4 Button 900 MHz Remote Control
- Seven Channel Code Learning Programmable Receiver
- External Superheterodyne Transceiver Antenna
- Single Or Two User Programmable W/Separate Control Outputs
- Can Control Up to 4 Different Vehicles
- Single Button Lock/Unlock or Separate Button Lock/Unlock or Both
- Remote Keyless Entry With Optional Access Guard (must have power door locks)
- Selectable Manual Override Mode
- New Enhanced Panic Feature (Any button other than unlock stops siren, no change to the units state)
- Smart Disarm (If triggered, elect to shut off siren, or disarm entire unit)
- Adjustable Shock Sensor Via The Transmitter (Pre-Detect Off, Pre & Full Detect Off, City Mode)
- Safe Start Output Controlled From Channel 3 (Option Channel 3 For Trunk, Or For R/S)
- 24 Hour Time Start Mode
- Cold Temperature Start Mode
- 2 or 4 Hour Automatic Start Mode
- Parking Meter Count Down Timer On OLED Remote
- Additional Count Down Timer Mode
- Remote Panic In All Modes (Press & Hold Lock /Unlock Button For 3 Seconds To Engage)

- Improved Custom Code Override, User Selectable and Programmable
- Protected Push Button Valet/Override Switch
- 7-Function LED-Arm / Disarm / Zone 1 / Zone 2 / Zone 3 / Valet / Arming
- Intrusion Alert With Memory
- Instant Siren Activation
- Starter Disable Output
- Additional Engine Immobilizer Output, (Optional Relay Required)
- True Last Door Arming (Hardwire Only)
- Defective Zone By-Pass
- Defective Zone Chirp Confirmation (Unit Chirps To Report Zone Cleared)
- 6 Tone Mini Siren
- Car Horn Output For Additional Alarm Response (Improved Timing To Minimize RF Interference.)
- Additional Negative Trigger Input (Hood and Trunk)
- RF Inhibit With Ignition On
- Parking Light Flasher (Relay On Board)
- Plug In Dual Stage Shock Sensor (Pre-detect, Full Trigger and "City Mode")
- Audible Arm, Disarm, Defect, and Tamper Chirp Indications
- Headlight Control Output
- Illuminated Entry Control Output
- Active or Passive Arming Selectable
- Programmable Auto Lock On / Off
- Programmable Auto Unlock On / Off/Drivers Door/All Doors
- Programmable Door Lock Pulse Duration 1 Second / 3.5 Seconds/1 Sec L/ Dbl. U/L
- Programmable Active or Passive Door Locks
- User Programmable Permanent Chirp Delete
- On Command RF Chirp Delete from Transmitter Or Selectable Through Software
- Dome Delay Learn Circuitry (Patent Pending)

OPTIONS :
- Remote Trunk Release (must have electric trunk release)
- Remote Keyless Entry (must have power door locks)
- Multiple Vehicle Capable
- Remote Power Window Roll Up

CAUTION!   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.

YOUR "Spread Spectrum CODE HOPPING" TRANSMITTERS
The transmitters included with your new security system use the most advanced and secure form of radio frequency transmission available on any current automotive security 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 Spread Spectrum Code Hopping transmitters will change their signal and shift from frequency to frequency every time the button is pressed. This makes it nearly impossible for a thief to capture your code.

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, (lock), two times within a one second time period. The system will now respond to that transmitter each time a button is pressed.

NOTE: This system is custom configureable and can be set up to operate with a number of options controlled from any transmitter button or button combination. For reference, we will describe operation assuming that your system is programmed for separate lock and unlock buttons. Also reference will be made to the icons as shown on the buttons left.

NOTE: The OLED based remote will be explained in detail further in this manual See "System Status" described later in this manual. Consult your installation center if your system has been configured differently.
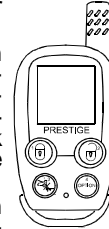
NOTE: Your system has the option of using a siren, the vehicle horn, or both for the sounding device. Where the siren is referenced below, the horn or both may in fact chirp, or beep.

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 Lock/Arm button on the keychain transmitter.

    ☑ The dash mounted LED begins to flash slowly.
    ☑ Parking Lights flash one time.
    ☑ Siren sounds one chirp.

    If the siren/horn 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 "chirped" three times, sometime after arming, the exclusive delayed dome light learn circuit has been programmed and the system detected a open entry point after the learned delay expired. Again, closing the hood, trunk, or doors will correct the problem and you do not need to disarm the system to make the correction. If the siren/horn did not sound when arming, then the chirps have been turned off and you should refer to the section titled "ELIMINATING THE ARM/DIS-ARM CHIRPS" in this manual.

    ☐ Doors Lock - Optional

NOTE: If the optional Headlamp illumination feature has been added, and has been selected for operation when arming, as an added convenience, the system will turn on the headlights when the system is armed.

SILENT ARMING - ACTIVE (Must be activated during programming)

1. Turn off the engine, exit the vehicle and close all doors, hood lid and trunk lid.
2. Press and hold the Lock/Arm button on the keychain transmitter for 2 seconds.

☑ The dash mounted LED begins to flash slowly.
☑ Parking Lights flash one time.

☑ Siren will not sound.

If the siren "chirped" three times, sometime after arming, the exclusive delayed dome light learn circuit has been programmed and the system detected a open entry point after the learned delay expired. Closing the hood, trunk, or doors will correct the problem and you do not need to disarm the system to make the correction.

☐ Doors Lock - Optional

NOTE: If the optional Headlamp illumination feature has been added, and has been selected for operation when arming, as an added convenience, the system will turn on the headlights when the system is armed.

The LCD Remote has the following response:

ARMING THE SYSTEM - PASSIVE (AUTOMATIC)

(Must be activated during programming)

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

☑ The 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;

☑ The 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 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, attracting visual attention to the vehicle.

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

☑ Any mild impact to the vehicle's glass will cause the alarm to sound a short series of warning tones.

☑ Any strong impact to the vehicle's glass will cause the alarm to trigger for the full 30 second alarm cycle.

NOTE: If the optional interior illumination circuit was installed, the interior light will flash as well for the full 30 second alarm cycle.

DISARMING THE SYSTEM

NOTE: If the optional 2 step door unlock circuit is installed, when the unlock transmitter button is activated, the drivers door only will unlock, pressing the unlock button a second time will cause all doors to unlock.

NOTE: If your transmitter has been configured with single button Lock/Unlock, to activate the all door unlock feature operate the Lock/Unlock button a second time within 3 seconds of the first unlock command.

As you approach the vehicle, press and release the Unlock/Disarm button on the keychain transmitter.

☑ The dash mounted LED turns off.

The LED will start flashing rapidly, indicating that the system is re-arming 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 INTRUSION WARNING 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 "ELIMINATING THE ARM / DISARM CHIRPS" in this manual.

☐ Doors Unlock - Optional

☐ 2 Step Doors Unlock - Optional

NOTE: If the optional Headlamp illumination feature has been added and has been selected for operation when disarming, as an added convenience, the system will turn on the headlights when the system is disarmed.

SILENT DISARMING (Must be activated during programming)

Note: If the optional 2 step door unlock circuit is installed, when the unlock transmitter button is activated, the drivers door only will unlock, pressing the unlock button a second time will cause all doors to unlock.

NOTE: If your transmitter has been configured with single button Lock/Unlock as shown, to activate the all door unlock feature operate the Lock/Unlock button a second time within 3 seconds of the first unlock command.

Press and hold button the Unlock/Disarm button on the keychain transmitter for 2 seconds.

☑ The dash mounted LED turns off.

The LED will start flashing rapidly, indicating that the system is re-arming 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
☐ 2 Step Doors Unlock - Optional
NOTE: If the optional Headlamp illumination feature has been added and has been selected for operation when disarming, as an added convenience, the system will turn on the headlights when the system is disarmed.

WHILE THE SYSTEM IS SOUNDING

If during a triggered state, you wish to shut off the siren without disarming your security system, simply press and release any transmitter button other than the Unlock/Disarm button. This action will turn off the siren yet leave the vehicle fully armed and protected. This feature is particularly useful if you are aware of children playing near your vehicle that may accidently trigger your security system. In this case you can cancel the siren sounding without disarming your alarm.

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.

❶ If the LED is flashing one time...pause...one time...pause...etc., then an intrusion attempt was made to the shock sensor, or an accessory triggering device that may have been added to the system.

❷ If the LED is flashing two times...pause...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.

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

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

NOTE: Some units may include a combination Push-Button/LED Switch in these systems the LED and Switch are one and the same.

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. In addition, the parking lights will flash to indicate locking and unlocking. To use the valet mode, the system must first be disarmed either by using your keychain transmitter or by activating your personalized manual override code.

1. Enter the vehicle and turn the ignition key to the on position.
2. Press and hold the valet pushbutton switch until the dash mounted LED turns on solid. The system will remain in the valet mode.
3. To return to normal operation, press and release the pushbutton switch any time the ignition is on.

NOTE: Always remember to return the system to normal operation. This will 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. If your system has been selected for Valet Switch manual override as

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indicated on the last page of this manual, to bypass the alarm system;
1. Open the vehicle door. The alarm will sound.
2. Turn the ignition key to the on position.
3. Within 5 seconds, press and release the valet pushbutton switch.

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

Typically this override mode is used only if the transmitter has become inoperative.

PROGRAMMING YOUR CUSTOM OVERRIDE CODE:

Unlike override switches easily found, and defeated, this security system allows the consumer to program a personal override code, offering a higher level of security. To take advantage of this option, programmable feature # 10 must be selected for the Custom Code Option. Consult your installation center for programming details. The system comes from the factory with a pre-programmed override code of 11. To change this default override code, do the following:

1. Disarm the system by use of the transmitter, or by use of the emergency override sequence. Turn the ignition switch to the on position.
2. Within 10 seconds, press and release the valet/override switch, 3 times.
3. Within 10 seconds turn the ignition switch off, on, off, on, off, on.
   (The siren or horn will beep and the lights will flash one time.)
4. Within 10 seconds, begin to enter your chosen 10ths digit by pressing and releasing the pushbutton switch from 1 up to 9 times.
5. Within 10 seconds of the last entered 10ths digit, turn the ignition switch off then on.
6. Within 10 seconds, begin to enter your chosen units digit by pressing and releasing the pushbutton switch from 1 up to 9 times.
7. Finish by turning the ignition switch to the off position.

If the new code was accepted, the unit will report back the newly entered code, by flashing the LED, first indicating the 10ths digit, pause and then the units digit. The unit will report the new code three times with a one second pause between each code, then the system will begin arming. If the LED flash pattern reports the previously stored code, the new code was not entered correctly. Please repeat steps 1 through 7 above considering the following.

NOTE: Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

NOTE: If 15 seconds of inactivity expire or if the ignition switch is turned off for more then 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

Custom Code Programming Example:

To Change the code from the factory pre-assigned code of 11 to "52" you would do the following:

1. Disarm the system by use of the transmitter or by use of the emergency override sequence.
2. Turn the ignition switch to the on position.
3. Within 10 seconds, press and release the valet/override switch, 3 times.
4. Within 10 seconds turn the ignition switch off, on, off, on, off, on.
   (The siren or horn will beep and the lights will flash one time.)
5. Within 10 seconds, begin to press and release the pushbutton switch to set the tenths digit.
   (As per the example, press and release 5 times to set the tenths digit to 5)
6. Within 10 seconds of the last press of the pushbutton, turn the ignition switch off then on.

7. Within 10 seconds, begin to press and release the pushbutton switch to set the units digit.

(As per the example, press and release 2 times to set the units digit to 2).

8. Turn the ignition switch to the off position. Immediately observe the LED flash pattern.

You will note the LED flashing five times, pause, and then flash two times, pause. This pattern will be repeated three times indicating the new code (52) has been accepted and stored in memory.

NOTE: If after step 7, the LED flashes a code other than what was just entered, this indicates that the code has not been changed. You will have to repeat steps 1 through 7 above being certain to note the following:

Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

NOTE: If 15 seconds of inactivity expire, or if the ignition switch is turned off for more then 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

MANUALLY OVERRIDING YOUR SYSTEM:

USING THE CUSTOM CODE OVERRIDE

Assuming the override code programmed has not been changed, and the default override code of 11 is in the system's memory.

1. Enter the vehicle and turn the ignition switch to the on position.

NOTE: The siren will sound.

2. Within 5 seconds, press and release the pushbutton switch 1 time.

3. Within 5 seconds, turn the ignition switch off then on.

4. Within 5 seconds, press and release the pushbutton switch 1 time.

5. Turn the ignition switch off then on and start the vehicle.

NOTE: If you have changed the programmed override code then substitute your new code tenths for step 2 above, and units for step 5 above.

PUSHBUTTON SAFETY CONTROL SWITCH

The Pushbutton 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 mode:

1) With the system disarmed/unlocked, and the ignition switch off Press and Hold the pushbutton 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 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 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 fully functional one again.

ELIMINATING 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, if the feature has been activated, simply by holding the ARM or DISARM button for two seconds. If you find the normal arming and disarming chirps annoying, they can be turned off permanently, eliminating the need to hold the ARM / DISARM button for 2 seconds. To do this:

1. Turn the ignition key on then off.

2. Within 10 seconds, press and release valet switch three times.

3. If the chirps were on before you started, then you will hear two chirps indicating they have been turned off.

If the chirps were off before you started, then you will hear one chirp indicating they have been turned on.

NOTE: Whenever the chirps are bypassed, the 4-chirp 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.

NOTE: Your system must be programmed by the installation center to enable this feature.

REMOTE PANIC OPERATION

The Lock or Unlock 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 Lock or Unlock button on the keychain transmitter for 3 or more seconds. The alarm will immediately sound.

2. To stop the alarm, press and hold the Lock or Unlock button on the transmitter again for 3 seconds. If the button is not pressed, the alarm will automatically stop after 30 seconds. Also if any transmitter button other than the Lock or Unlock button is pressed and released, the Panic mode will be turned off immediately. The normal function of this transmitter button will be suspended during the Panic sounding period.

3. During the panic mode, the Lock and Unlock buttons can be used to lock and unlock the doors, (if the option is installed), however once the unlock/disarm button is pressed, the vehicle's starter inhibit device, (where installed) will be disabled allowing the vehicle to start.

NOTE: While in the Panic mode, pressing and releasing the Lock or Unlock buttons will, if the option is installed, lock and unlock the doors respectively. While in the panic mode, anytime the Unlock button is pressed, the panic feature will continue for the allotted 30 seconds, however, the security system will be disarmed allowing the vehicle to start.

RF SHOCK SENSOR MODE SELECTION

The way in which your alarm system reacts to threatening vibrations, created by attempts to enter the vehicle by breaking a window, is adjustable by the transmitter immediately after arming. There are 4 modes of operation that can be selected by the operator:

1. Normal Operation (default mode)

   In this mode, any strong vibrations will cause the siren to sound (full detect) for 30 seconds. Any lesser vibration will cause the siren to emit about 6 short warn away chirps, (pre-detect).

2. Stage 1 (Omit pre-detect)

   In this mode, the warn away chirps created by the lesser vibration will be deleted. If strong vibration occurs, the siren will sound.

3. Stage 2 (Omit pre & full detect)

   In this mode, both the pre-detect stage and the full trigger stage of the sensor are defeated. The unit will not react to vibration of any magnitude.

NOTE: Shock Sensor Icon Is Displayed On The LCD Panel.

4. Stage 3 (City Mode)

   In this mode, the pre-detect chirps will change from six pre-warning tones to a full 10 seconds of warning chirps.

The full detect trigger duration will be reduced from 30 seconds to 15 seconds.

NOTE: Setting the stage of the shock sensor will be effective for one arming cycle only. Once the system has been disarmed, the very next arming cycle will cause the sensor to default to the normal operation stage.

To change or adjust the shock sensor, press and release the ARM button of you

keychain transmitter.

1. Within 2 seconds of arming, press and release the ARM button 1 time, to defeat the pre-detect stage of the shock sensor. (The lights will flash and the siren will chirp once.)

2. Within 2 seconds of step 1, press and release the ARM button 2 times, to defeat the pre and full detect stages of the shock sensor. (The lights will flash and the siren will chirp twice.)

3. Within 2 seconds of step 1, press and release the ARM button 3 times to enter the "City Mode" of operation. (The lights will flash and the siren will chirp three times.)

While under control of the remote start the system can be programmed to allow you to shunt the shock sensor from the transmitter. If the system has been such programmed, simply press the lock button of your keychain transmitter anytime during the remote start cycle. The shock sensor will be shunted for the entire run cycle and will resume normal operation after the remote start unit shuts off.

Check with your installation center to determine if this feature has been programmed into your system.

REMOTE STARTING THE VEHICLE

The system WILL NOT start the vehicle if any one of the following conditions exists:

1. The Vehicle Hood Is Opened.

2. The Gear Selector Is In Any Gear Other Then Park.

3. The Brake Is Depressed.

WARNING! Be certain that the vehicle is outdoors before using this or any re mote 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 REMOTE START THE VEHICLE:

Press and release the Trunk/Start or programmed button of your keychain transmitter two times within 2 seconds. The vehicle will start and remain running for the pre-programmed 5, 10, 15, or 20 minutes. As a visual indication, the parking lights will flash or turn on depending on the programming set up by your installation center.

When you arrive at your vehicle, disarm the alarm system by pressing and releasing the disarm/unlock button of your keychain transmitter. Enter the vehicle and turn the ignition key to the on position.

CAUTION! Do not turn the key to the start position. This will cause the starter motor to engage with the already running engine which could result in damage. Step on the brake pedal to disengage the remote start unit. The vehicle will continue to run but now on it's own power.

NOTE: The engine will stop running before the expiration of the pre-programmed run timer if you complete any of the following:

1. Press and release the programmed channel of your keychain transmitter two times within 2 seconds.

2. Depress the brake pedal.

3. Open the hood.

4. Race the engine to above 4000 RPM.

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. (Push the programmed channel button of your keychain transmitter 4 times). The parking lights will flash and the siren will chirp 4 times indicating the timed start mode is activated.

The vehicle, on a 2 or 4 hour interval basis, 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 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.

OPTIONAL DEVICE OUTPUT (CHANNEL 3)

Controlled By: Trunk/Key Button

Other Transmitter button configurations are also available. Consult your installation center for other configurations not listed above that may have been programmed to operate a specific feature of your system.

This security system is equipped with an output which will activate when the appropriate transmitter button is depressed for 4 seconds. Although this output is intended to activate the trunk release option, any other optional devices may be connected to this channel. Consult your installation center for more information about this output.

OPTIONAL DEVICE OUTPUT (CHANNEL 4)

Controlled By: OPTION

Other Transmitter button configurations are also available. Consult your installation center for other configurations not listed above that may have been programmed to operate a specific feature of your system.

This security system is equipped with an output which will activate when the appropriate transmitter button is depressed. Consult your installation center for more information about this output.

ADDITIONAL REMOTE FUNCTION (AUX 1)

Controlled By: Moving side switch up 3 times and selecting AUX 1 by pressing the #1 Lock Button. If this auxiliary output is connected to a device in your vehicle,,,the device will immediately activate.

ADDITIONAL REMOTE FUNCTION (AUX 2)
Controlled By: Moving side switch up 3 times and selecting AUX 2 by pressing the #2 Unlock Button. If this auxiliary output is connected to a device in your vehicle,,,the device will immediately activate.

ADDITIONAL REMOTE FUNCTION (AUX 3)
Controlled By: Moving side switch up 3 times and selecting AUX 3 by pressing the #3 Trunk/Key Button. If this auxiliary output is connected to a device in your vehicle,,,the device will immediately activate.

ADDITIONAL REMOTE FUNCTION (AUX 4)
Controlled By: Moving side switch up 3 times and selecting AUX 4 by pressing the #4 OPTION Button. If this auxiliary output is connected to a device in your vehicle,,,the device will immediately activate.

TURBO TIMER MODE
This system provides a means to cool down the vehicles turbo charger, if so equipped, by allowing the vehicle to continue to run for a prescribed period of time every time the vehicle's engine is turned off.   This feature requires the system to be set up for turbo timer during installation. Consult with your installation center to be certain this feature was activated and how long the vehicle will continue to run, 3, 5, or 10 minutes after the ignition switch is turned off.
To activate the turbo timer:
Anytime the engine is running for more than 15 seconds:
1) Place the gear selector in park.
2) Set the parking, (hand), brake.
3) Be certain your foot is off the brake pedal.
4) Press the program/Push-Button switch 2 times within 5 seconds.
The parking lights will flash two times indicating the mode was successfully entered.
If your parking lights flashed four times, this indicates the turbo mode was on and is now turned off.
With the turbo timer mode selected on, after you've arrived at your destination, while the engine is still running, set the parking brake, pause 2 seconds, then turn the ignition switch to the off position. The engine will continue to run the allotted time according to the selection during installation.
If you do not want the vehicle to continue to run for one cycle, simply step on the vehicle's brake, or release the parking brake, or activate the transmitter's start button two times in succession. Any of these will cause the engine to turn off.

TEMPERATURE START MODE:
To toggle this feature on, from the armed mode, press the side switch up 4 times than press the Lock (1) Button. The display will switch to indicate that the Temp Start mode was activated, and the ☺ Icon will be displayed. When the temperature reaches 0° C or 32° F, the vehicle will start and run for the allotted time for one start cycle.
NOTE: This feature must be active in the feature selection menu of your system. Check with your installing dealer to insure this feature is set to the on position.
To cancel the Temp Start Up, simply start the vehicle either with the key or the remote start.

CHECK TEMPERATURE:
Move the side switch up one time and than press the Option button, #4. The vehicle's alarm will display the temperature as shown. Temperature is read from the alarm's module located below the dashboard. This reading may be higher than actual ambient temperature due to the greenhouse effect in the vehicle and is relative only to the inside vehicle temperature.

DAILY START TIMER
Press the option + lock buttons simultaneously for 1 second at the time you want the vehicle to start. The vehicle will chirp once indicating that the automatic start timer has been activated for the current time when the button combination was pressed. The vehicle will then start automatically at the same time the following day, providing that the exit procedure is followed. Pressing this button combination a second time will toggle this feature off. Note the transmitter must be within range of the vehicle to set this feature. The unit will start at the preset time once only. This function must be activated each time you want the vehicle to start. To activate this function,
(a) Turn the ignition switch off.
(b) Within 10 seconds of step a, depress and hold the brake pedal, while pressing the key icon transmitter button 2 times.
(c) The vehicle will emit 2 chirps, indicating that the unit will start at the preset time.

Note: the will start once and run for the prescribed time. If you require more frequent starting please refer to auto start up timer mode shown earlier in this guide.

Note: To insure accurate 24 Hour Start up, it is advisable to reset the start time periodically, by pressing the lock + option button at the desired start time, as time on the OLED unit may drift slightly each day.

TELEMATIC UPGRADE:
This system has the ability to have a telematic upgrade module connected to it. This is a upgrade that can give you control of certain functions of your vehicle from a Telephone, or in some cases a computer interface. Please check with your installation center for most recent Telematic Upgrades. If you had a Telematic Upgrade installed, the manual supplied with the upgrade unit will provide a operators manual advising of the features of the system and means available to control these features of your vehicle.
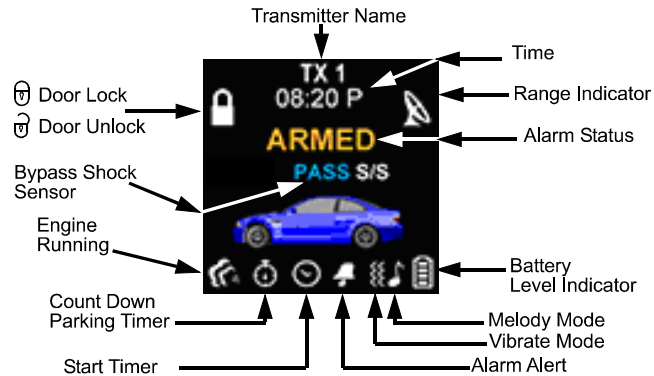
PAGING FROM THE VEHICLE:
From within the vehicle, if the valet push button is pressed for three seconds, the alarm unit in the vehicle will beep and transmit a signal to the OLED remote control alerting that someone is paging them from the vehicle. A beep tone will be heard at the OLED remote, and the vehicle call screen will be displayed.
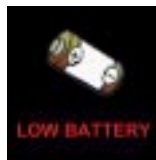
TRANSCEIVER BUTTONS AND FUNCTIONS

Charging
Port
Lift Cover
To Access
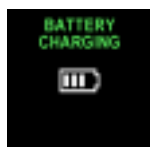
PRESTIGE

Lock (1)   Unlock (2)

Start/Trunk (3)   Option (4)

Reset

Side Switch
Can Move
Up
Push in or
Moved Down
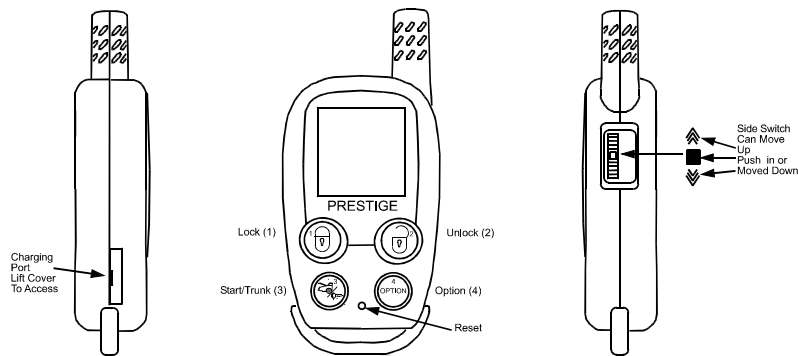
TRANSCEIVER ICONS AND THEIR INDICATIONS

Transmitter Name

Time

Door Lock

Door Unlock

Range Indicator

Alarm Status

Bypass Shock
Sensor

Engine
Running

Battery
Level Indicator

Count Down
Parking Timer

Melody Mode
Vibrate Mode

Start Timer

Alarm Alert

TX 1
08:20 P
ARMED
PASS S/S

CHARGING THE BATTERY

If on the OLED screen the LOW BATTERY icon ▭ comes up or is flashing, this indicates that the internal 3.7V Lithium Polymer battery requires recharging. To charge the battery, connect the changer to the Transceiver by lifting the rubber charge port located on the left side of the transceiver and plugging in the mini USB connector from the home battery charger. Plug the charger into a

LOW BATTERY

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120VAC wall socket and the charging will start. If you have the USB to USB cable, found on some wall charge units, than you can also connected to a PC's USB 5 Volt port to charge your transceiver. Additionally if your unit is packaged with the 12 Volt DC adaptor, you can charge the unit is your vehicle by connecting to the accessory plug in the vehicle and connecting the USB mini USB to than to the Transceiver.

While under charge, the display will show the screens shown on the left. If the OLED screen goes blank, battery save mode, than by pressing the transceiver's side switch will illuminate the screen indicating the battery charge status.
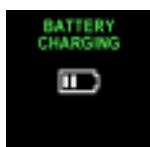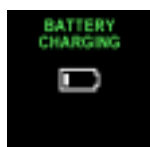
MAIN PAGE:

Press the transceiver's side switch to open the main page, the screen will indicate the last known status of your system. Shown are some of the screens that may be displayed.
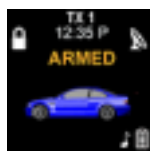
If the display is flashing, pressing the side button again to display the details of the flashing screen which is displayed in the following order, Triggered/Engine Running/Count Down Timer/Timer Start/Alarm Timer Condition.

If the triggered screen is flashing, pressing the side button will reveal the triggered zone as shown. If more than one zone was triggered the screens will be revealed sequentially.

Page 15
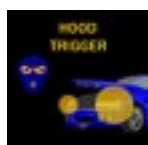
While the 🚗 Icon is flashing, pressing the side button will display the engine running screen.

**Transceiver Button Configuration & Selection Modes:**

By moving the side switch to the up position one time the OLED will display the screen shown allowing you to select silent arming, silent disarming, system current status check, and current in vehicle temperature. To select any feature press the Lock button for 1, the unlock for 2, trunk/key button for 3 & OPTION for 4.

NOTE: Silent Arm& Disarm must be selected in feature selection bank 2 at time of installation, consult with your installing dealer to confirm this feature is active.

Moving the side switch up a 2nd, 3rd, 4th, & 5th time will display the following
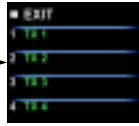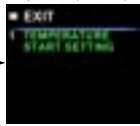
selection screens. Allowing you to select Shock Sensor Configuration, arm with warn away bypassed, arm without shock sensor, and arm with City-Mode Active.

Activate auxiliary outputs if connected in your system. Turn Temperature Start On which sets the "0* C, 32*F" Start Sequence for 1 run cycle. Also select different transmitter which may be used for additional vehicles, with similar Audiovox Remote Control Systems.

Moving the side switch up one more time will return to the default page shown, or allow 15 seconds to expire and the display will turn off. To exit any screen, press the side switch in toward the transceiver body as shown by the following icon on the OLED display.

Transceiver Selectable Features:

All features are accessed by the side button moving up to display the configu-

ration & selection modes, than using the transmitter buttons, Lock 1, Unlock 2, Trunk/Start 3, & Option 4, to make your selection. The same is true of the transceiver selectable features.

By moving the side switch down, you'll access the transceiver selectable features. You can turn on or off the button beep tones,

lock or unlock the buttons, select melody, vibrate, or both, and view the transceiver's DEMO Mode as shown.

To turn off button beep tones, move the side switch down 1 time, press the Lock (1) button to select button beep, than press Lock (1) or Unlock (2) to select the tones on or off.
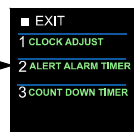
To turn on or off button lock, move the side switch down 1 time, press the Unlock (2) button to access the button lock feature, than press Lock (1) or Unlock (2) to select the button lock on or off. When button lock is selected the transmitter buttons will not function, preventing inadvertent operation of your system.

To select melody, vibrate, or both when the transmitter responde to an action that the vehicle carries out, move the side switch down 1 time, press the Start/ Trunk button to access this feature, than press the Lock (1) button to turn on melody only, or press the Unlock (2) button to turn on vibrate only, or press the Start/Trunk button to turn on both melody & vibrate.

To access the Demo Mode, move the side switch down 1 time, press the Option (4) button, the unit will display the demo mode one time and than return to the home page.

By moving the side switch down a 2nd, 3rd, 4th, 5th, or 6th time brings up different selection menu's as shown below.

These additional screens allow the selection of Power Save Mode On/Off by pressing the Lock button than making a selection, Parking Meter Count Down allows you to select 10, 20, or 30 minutes in addition to

1, 1.5, & 2 Hour settings this is accessed by pressing the unlock button, You can also log your parking area selecting letters & numbers to log and later locate your parking spot by pressing the start/trunk button to access, and choose the amount of time you want your display to remain lit, 3, 5, 7, or 9 seconds by pressing the option button. Keep in mind the longer the display is lit, the faster the battery will discharge and require more frequent recharging.

Clock Adjust: Allow the setting of the Display's Clock selecting first Hours than Minutes. Move side switch down 3 times. Select Clock by pressing the Lock (1) Button, change hour setting by moving the side switch up or down, move to minutes by pressing the Lock (1) button and moving side switch up or down to adjust. Change AM or PM by pressing the Lock (1) button than moving the side switch. Once set, press the Start/Trunk (3) Button to lock your setting.

Alert Alarm Timer is an Alarm Clock that allows you to set an Hour & Minute that you want to be reminded of something. Setting just like an alarm clock this timer will sound when the correct time is reached. Move the side switch down 3 times, press the unlock (2) button to access, select the hour, minutes and AM or PM as in the clock setting above, once your selection is made, lock the setting

by pressing the Start/Trunk button (3). Note, the ◢ icon will be displayed on the OLED screen while the timer is set. When the set time is reached, a beep tone will be heard.

Count Down Timer will count down any setting of up to 11 hours and 29 minutes. Setting Hours and Minutes,,this timer will count down than sound and alert tone when the timer expires. Move the side switch down 3 times press the Start/Trunk button to access. Select hours by moving the side switch up or down, press the Lock (1) button to move to the minute. Use the side switch up or down to select the minutes, than press the Start/Trunk button to lock your setting The Icon will appear on the OLED confirming your setting. You will hear 3 beep tones once the count down timer expires.
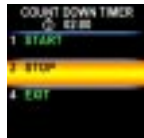
Pressing the side switch in 2 or 3 times will bring up the timer display screen (shown) allowing you to cancel the timer anytime before the count down expires.

Transmitter Selection allows you to name the transmitter that can function for a particular vehicle. In other words, this transmitter will control up to 4 vehicles that have similar Audiovox Alarm Systems installed. TX1 is used for your car, TX2, can be for Lou's car, TX3 may be for Maria's car & TX 4 can be for Jesse's car,,,you can select and name in each case the TX1, TX2, TX3, or TX4 to make it easier to remember who's vehicle each of the selections are programmed to.

To set TX1 for your car, press the side switch 4 times, press the Lock (1) button
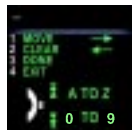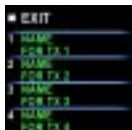
to access TX1, than move the side switch up for letters, or down to select numbers

than press the Lock (1) button to move to the next position, move the side switch to select the second letter or number, etc... up to 12 characters. Once all characters have been selected, press the Start/Trunk (3) button to lock in your setting. Repeat for each TX you wish to name.

Auxiliary Selection allows the naming of the outputs of your system. Your security system may have additional functions that were connected at time of installation, like right side slider door, left side slider door, Sun Roof Open or Close,,,etc...   You can name the function of the output for easy recall. Move the side switch down 5 times to access the Aux page. Press the Lock (1) Unlock (2) Start/Trunk (3) or Option (4) button to access the particular Aux Output naming section.   Enter letters by moving the side switch up or numbers by moving the side switch down than press the lock (1) button to move to the next letter, up to 12 characters may be entered. Once you have entered the text you wish to appear, press the Start/Trunk button to save your selection. Repeat for each Aux Output you wish to name.

Language Selection:

Finally the unit allows the selection of preferred language. You can select English, Spanish, or French from the menu. Selecting one or the other will allow the OLED to display your preferred text. Press the side switch down 6 times to access the language selection screen.

Make your choice by pressing Lock (1) for English, Unlock (2) for Spanish, or Start/Trunk (3) for French. You also have the option to select "Set To Defaults" by pressing the Option (4) button than following the on screen directions. This selection will return the display to the defaults settings.
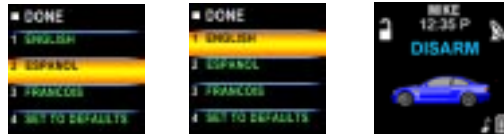
XRO9100
STSTEM FUNCTIONS AT A GLANCE

DASH LED INDICATIONS

RAPID FLASH	=	PASSIVE ARMING/ACTIVE REARMING
SLOW FLASHING	=	ARMED
OFF	=	DISARMED
ON SOLID	=	VALET
3 FLASH... PAUSE	=	INTRUSION ZONE 3
2 FLASH,,,PAUSE	=	INTRUSION ZONE 2
1 FLASH...PAUSE	=	INTRUSION ZONE 1

SIREN CHIRP INDICATIONS

* 1 CHIRP	=	ARM
* 2 CHIRPS	=	DISARMED
3 CHIRPS	=	ARM / DOOR OPENED
4 CHIRPS	=	DISARM / INTRUSION

NOTE: Chirps 1 & 2 may be selected off at time of installation or by following the procedure listed on page 9 of this manual.

PARKING LIGHT INDICATIONS

1 FLASH	=	ARM
2 FLASH	=	DISARM
3 FLASH	=	DISARM / INTRUSION

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 pushbutton 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 transmitter or 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 transmitter 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. (Note: This is not necessary for the XRO92 OLED Transceiver) 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 pushbutton 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.

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

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

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

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

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

DELETING TRANSMITTERS FROM YOUR SYSTEM:

It may be necessary to delete a lost transmitter or to re-prioritize 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 4 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 4 receiver slots.

3) Advance to receiver channel 2 by pressing the pushbutton 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 4 transmitter slots are filled.

4) Advance to receiver channel 3 by pressing the pushbutton 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 4 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.

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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 XRO91

1) Remove the back of the case by inserting a coin between the case halves in the area shown in the picture below.

2) Carefully remove the two CR2032 batteries paying attention to the orientation of the + & - poles to insure proper insertion of the replacement coin cells. Properly dispose of the used batteries.

3) Carefully insert the two new CR2032 batteries, than snap the case closed being certain the two case halves are seated together.

XRO91 uses two CR2032 Batteries

XRO92 has a rechargeable battery and should not need to be replaced for many years. If you require servicing of this transceiver,,,contact customer service to arrange for repair or replacement of the unit.
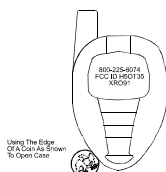
Using a coin, carefully pry the case halves apart.
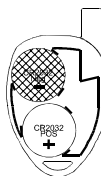
Replace the two coin cells with two New CR2032 Batteries making sure to place the positive and negative poles as shown.
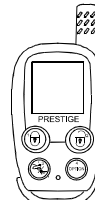
Align and snap the case halves together, making sure the two parts are seated together and no uneven gap between the two parts exists.

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ORDER FORM FOR XRO91P & XRO92P

XRO91P   XRO92P

1) Transmitter Model Number_____

2) Name: _____

3) Address: _____

4) City: _____ State: _____ Zip Code: _____

5) Telephone Number: (_____) _____

6) Total Number Of Transmitters Required XRO91P
   Cost Per Transmitter is: **$75.00**

Multiply By Number Of Transmitters   X _____
                    OR
Total Number Of Transceivers   XRO92P
   Cost Per Transceiver is: **$145.00**

Multiply By Number Of Transceivers   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.