

"Quick Reference" of Transmitter Functions

The "Disarm/Unlock" Button

Pressing and releasing the **Disarm/Unlock Button** will disarm the system and unlock all of the doors. Press and hold this button to activate Remote Panic with unlocking doors.

The "Trunk" Button

Pressing and holding the **Trunk Button** will activate remote trunk release, disarms the system unlocks the doors.

Your system may be configured to lock your doors upon turning the ignition "On", and unlock them when the ignition is turned "Off". Your system is capable of being operated by up to 4 transmitters, which are available from where you purchased your system, or see pages 30-31.

Red/Green Light

Illuminates whenever any transmitter button is pressed, and its color indicates multiple vehicle operation.

Multi-Vehicle Switch

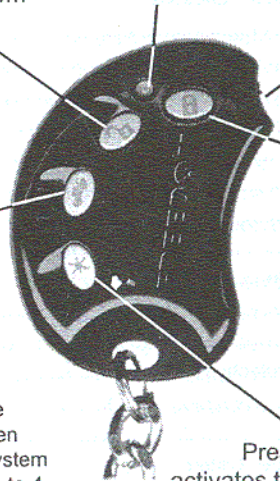
Is used to independently operate Freedom-500 systems in two vehicles.

The "Arm/Lock" Button

Pressing and releasing the **Arm/Lock Button** will arm the system and lock all of the doors. Press and hold this button to activate Remote Panic with locking doors.

The "Button #4"

Pressing and holding **Button #4** activates the 3rd Channel Output. Or, if desired this button may be configured to instead activate the Remote Panic feature.



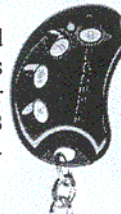
This device complies with FCC Rules part 15. Operation is subject to the following two conditions, (1) This device may not cause harmful interference and, (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Transmitter Options

The following remote-control transmitters will operate the Freedom-500 vehicle security and convenience system:

The standard transmitter is part number 442-09B (black) & 442-09S (silver).



An optional transmitter is part number 441-07.



Another optional transmitter is part number 431-09, which is useful for "1 button arm/disarm" operation.



Up to four transmitters can operate the system; see pages 30-31 for transmitter ordering instructions.

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Introduction

Congratulations on the purchase of your vehicle security system. In learning to operate your system, please become familiar with these three components:

The Transmitter: Each security system comes with two pre-learned transmitters, but can learn up to 4 different transmitters. Every transmitter has its own unique, invisible code, which changes with each use. Thus, your transmitter cannot be duplicated. The transmitter has four buttons: an "Arm/Lock" button; a "Disarm/Unlock" button; a "Trunk" button which operates an additional output, and which also can arm and disarm your system silently; and a "Button #4" which can operate another additional output, or be configured to operate the Remote Panic feature.

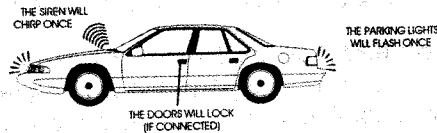
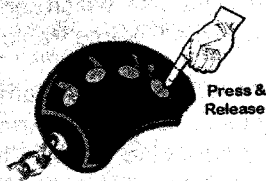
The Valet/Override Switch: This switch can be used to turn "Off" the alarm portion of the system, including the programmable Automatic Last Door Arming and Automatic Rearming features, by placing the system into "Valet Mode". The Valet/Override Switch can also be used in conjunction with the vehicle's ignition key to perform an "Emergency Override" of the system should the transmitter be lost. Both of these are explained on pages 15-17.

The LED Status Indicator Light: The LED Indicator shows the status of the system and serves as a visual deterrent to break-ins and theft; see pages 18-19.

Arming the System

The system may be "Armed" by one of two methods. The first method involves the use of a remote transmitter to "Actively" arm the system, provided the ignition switch is "off" and the system is not in Valet Mode. The second method is a programmable feature called "Last Door Arming" in which the alarm will "Passively" or "self" arm.

To Actively Arm the System: Press & Release the "Arm/Lock" Transmitter Button



Upon Arming:

- The siren will chirp one time.
- The parking lights will flash once.
- The doors will lock. (If an optional interface is connected)
- The starter interrupt will engage.
- The LED Status Indicator will begin to flash slowly.

If a protected zone is open when actively arming using the transmitter, the system will still arm, but it will bypass the open zone until the zone is secured.

To Passively Arm the System: Turn Ignition Off, Then Open & Close a Door.

Automatic "Last Door Arming" is a programmable feature which allows the alarm to arm itself and, if desired, lock the doors upon arming. If "On", this convenient feature offers a high level of security since the user does not need to actively arm the system each time the vehicle is exited. Anytime that the ignition is turned off, and then a door is opened and closed:

- The siren will chirp one time.
- The LED Status Indicator will begin to flash rapidly.

Thirty seconds later:

- The siren will chirp one time again.
- The LED Status Indicator will begin to flash slowly.
- The starter interrupt will engage.

The alarm is now fully armed. The doors will lock at this time, but only if programmed to do so, and an optional interface must also be installed.

The system can not Last Door Arm if a protected zone is open. Should a vehicle door be opened during the arming countdown, the countdown will stop and start

over again when the door is closed. "Automatic Rearming" is a separate programmable operation similar to Last Door Arming, and should not be confused with it.

System Armed & Activated

If the System is Activated:

Regardless of method, once the system is in a fully armed state it monitors all protected zones, and if an intrusion attempt is detected it will activate, or "trigger". An activation consists of the following:

- The doors will immediately relock.
- The electronic siren, or optionally the vehicle's horn, will start sounding.
- The exterior parking lights will flash on and off repeatedly.

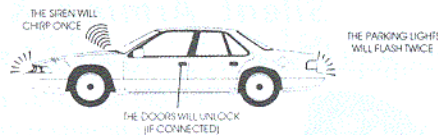
An activation has a 30 (or 60) second duration unless the system is disarmed using the transmitter or the Valet /Override switch. If all protected zones are secure at the end of the activation, the system will stop and rearm itself to detect further entry attempts. If a protected zone is still open at the end of the activation cycle, the system will continue to reactivate itself, for up to six activated cycles before it resets itself and ignores the violated zone. If the programmable activated period is 30

seconds, a continuously violated zone will activate the alarm for 3 minutes total before resetting and ignoring the violated zone. If the programmable activated period is 60 seconds, the total activated time under the same circumstance would be 6 minutes. Once the system is activated, it will store a Zone Violation Code, which is described on page 19.

Disarming the System

To Disarm the System:

Press & Release the "Disarm/Unlock" Transmitter Button



Upon Disarm:

- The siren will chirp twice. (4 chirps if alarm has activated & reset)
- The parking lights will flash twice. (4 times if alarm has activated)
- Upon the first disarming, the parking lights will then illuminate.
- The doors will unlock. (If an optional interface is connected)
- The starter interrupt will disengage.