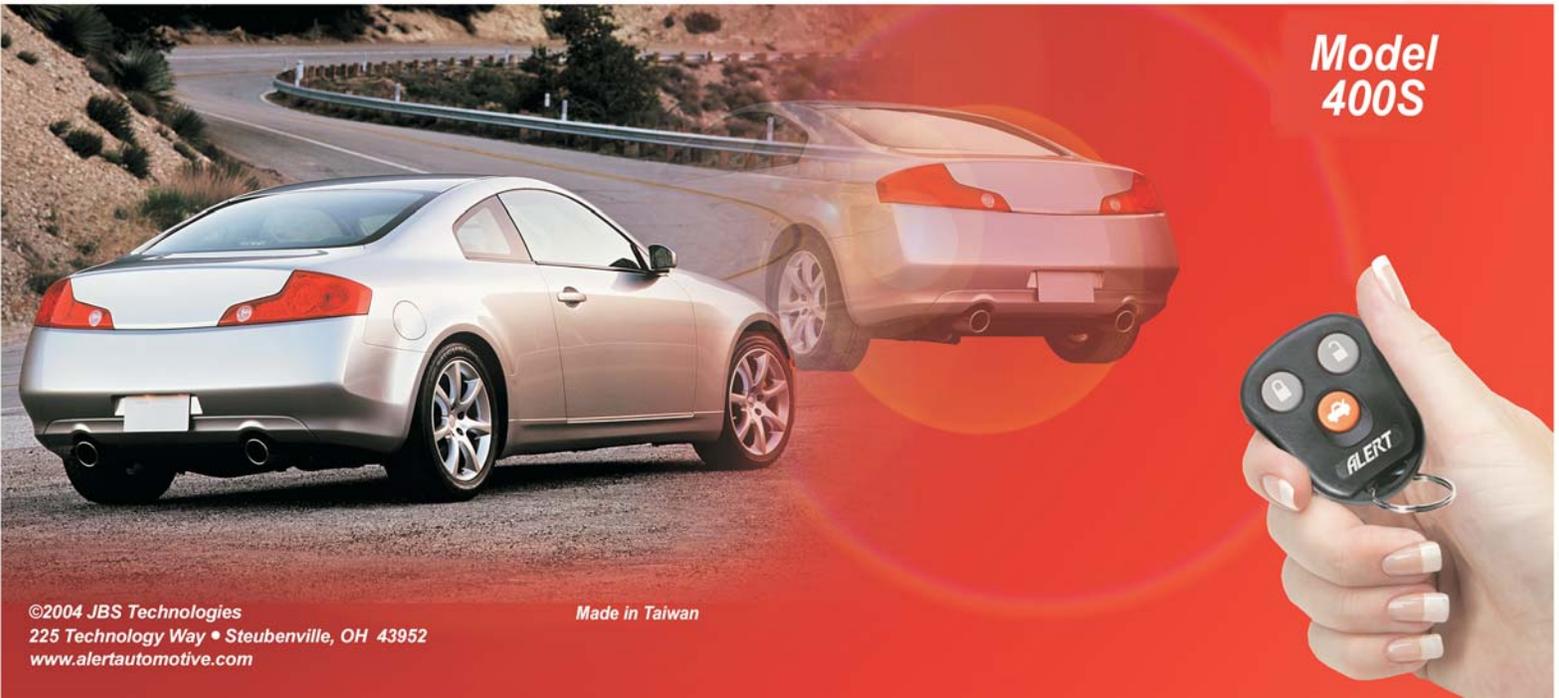




## Owners Manual



Model  
400S

## WARRANTY

### **Alert Warranty Information**

Product warranty returns must only be submitted by an authorized dealer.

All Alert models have a Limited Lifetime Warranty on the main control module.

All parts excluding the control module have a two year warranty against defects in workmanship. This includes the shock sensors, remote transmitters and sirens. The control module will be repaired or replaced at our discretion for up to a 24 month period at no charge. After 24 months a \$30.00 fee will be charged for repair or replacement of the control module.

Removal and reinstallation charges are not the responsibility of JBS Technologies, LLC the manufacturer of Alert. Warranty registration must be completed within 14 days of the original date of purchase. Registration can be mailed in or performed on line at [www.alertautomotive.com](http://www.alertautomotive.com). JBS Technologies makes no warranty against the theft of a vehicle or its contents. This warranty only extends to the original system purchaser and the vehicle it was originally installed on.

### **Limitation of Remedies**

The purchasers remedy is limited to the repair or replacement of the unit and in no event shall exceed the purchase price. Incidental, consequential and or indirect damages are expressly disclaimed. No person or entity is authorized to alter or amend this limited lifetime warranty.

**TABLE OF CONTENTS**

A. REMOTE TRANSMITTER OPERATION .....5  
 B. LED DISPLAY .....6  
 C. CHIRP INDICATOR.....6  
 D. PARKING LIGHT .....6  
 E. ALARM OPERATION CONDITION.....6  
 F. ACTIVE ARMING – ARM & LOCK.....6-7  
     Ajar Warning  
     Silent Arming / Disarming  
     Shock Sensor By-Pass  
     Noiseless Mode  
     Hidden Alarm Function  
 G. PASSIVE ARMING.....7-8  
     Passive Door Locking  
     Passive Arming By-Pass  
 H. ACTIVE DISARMING – UNLOCK & DISARM.....8  
     Tamper Disarming  
     Pathway Illumination  
     Two Steps Door Unlock  
     Automatic Rearm  
 I. DISARMING WITHOUT A TRANSMITTER .....9-10  
     Overrides the Alarm without Password Pin Code  
     Overrides the Alarm With Password Pin Code  
 J. VALET MODE .....10  
     Enter Valet Mode  
     Exit Valet Mode  
     Remote Valet Mode  
 K. CAR FINDER .....10  
 L. PANIC FUNCTION .....10-11  
 M. TRIGGER THE SYSTEM.....11  
     Clear The Trigger Icons and Melody Sound

## TABLE OF CONTENTS

N. ANTI CAR- JACKING .....	12
Active Car Jacking	
Passive Anti Car Jacking	
Trigger The Anti Car Jacking Mode	
Override The System To Turn Off Anti Car Jacking	
O. DOME LIGHT CONVENIENCE DELAY & SUPERVISION.....	13
P. IGNITION CONTROL THE DOOR LOCK/UNLOCK .....	13
Q. TRUNK RELEASE (CHANNEL 3) OUTPUT.....	13
R. CHANNEL 4 TIMER CONTROL OUTPUT .....	13
S. POWER ON MEMORY .....	13

## OPERATION

### O. DOME LIGHT SUPERVISION

The alarm has a unique feature which will turn on your vehicles Dome Light as follows:

1. Upon disarming, the dome Light will remain on for 30 seconds.
2. If the vehicle is intruded, the dome Light will flash for the same duration as the siren.

**Note: Turning "ON" the ignition switch or arming the alarm will turn off the dome light.**

### P. IGNITION CONTROLLED DOOR LOCKING AND UNLOCKING

(See Alarm Feature II-3 Programming.)

1. Turn the ignition switch "ON" and close all the vehicle's doors. After 3 seconds, the system will automatically lock the central locking system.
2. Turn the ignition switch "OFF". The system will automatically unlock the central locking system.

### Q. TRUNK RELEASE (CHANNEL 3) OUTPUT.

#### CHANNEL 3 TIMER CONTROL OUTPUT

(See Alarm Feature III-3 Programming.)

Press and hold the  button on the transmitter for **(2) sec.** to open the trunk release or any other electric devices that has been added to this output.

Channel 3 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **NOTE:** Factory default setting at 1 second pulse grounded for trunk release output.

### R. CHANNEL 4 TIMER CONTROL OUTPUT

Press the transmitters  and  buttons **at the same time** to activate the "Channel 4 function". Channel 4 is a user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **(The factory default setting is a momentary output.)**

### S. POWER ON MEMORY:

This security system is equipped with circuitry that will allow the unit to **remember its alarm state** if the vehicle's battery power is lost then reconnected.

## N. ANTI CAR- JACKING

**Warning:** If you don't need the car jacking function in this alarm system, be sure to set car jacking feature to the "OFF" setting. This system default setting for car-jacking is "OFF".

### ACTIVE ANTI CAR-JACKING:

1. Press and hold the transmitters  and  buttons at the same time for **2 seconds** while the vehicle's ignition is "ON". The parking lights will turn "ON" for **1.5 seconds** to indicate the system is in the "Car-jacking Mode".
2. Once the system is in "Car-jacking Mode" and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### PASSIVE ANTI CAR- JACKING:

1. Turn the ignition switch to the "ON" position for entering the "Car-jacking Mode".
2. Once the system is in "Car-jacking Mode" and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### TRIGGER THE ANTI CAR -JACKING MODE:

- a). **50 seconds after the system has been triggered.** The siren will start chirping for 15 seconds.
- b). **During the 15 second period of chirping,** you must push the valet switch once to turn off the car-jacking feature. If not, it will enter the second timer **Anti "Car-jacking Mode"**.
- c). **65 seconds after the system has been triggered,** the siren will start alarming and the parking lights will continue flashing
- d). **90 seconds after the system has been triggered**
  1. The siren will continue alarming and the parking lights flashing.
  2. The starter disable will activate to prevent the vehicle from starting with the key.
3. This will remain active until the vehicle's battery power is exhausted.

### OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:

Turn the ignition switch from the "OFF" to "ON" position, and **within 10 seconds** push and release the **valet/program switch**, the siren will stop and the system is disarmed.

**Note:** If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.

## IMPORTANT NOTICE

### WARNINGS:

As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.

1. Keep ALL transmitters out of the reach of children.
2. The use and operations of this system is the sole responsibility of the operator.

## OPERATION

### A. REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function or Feature	Remark
	Lock Doors & Arm System	
 - 	Arm and Delete The 2 Stage Shock Sensor.	Press twice within 3 seconds
 -  - 	Arm and Noiseless Mode	Press within 3 seconds
 - 	Arm System and Hidden Alarm Function	Press within 3 seconds
	Car Locator	Upon arming
 (3-sec.)	Panic Function	Press and hold for 3 seconds
 + 	Silent Arming / Disarming	Ignition in "off" position
 +  (2-sec.)	Active Anti Car-Jacking Mode	Ignition in "on" position press and hold for 2 seconds
	Unlock Doors & Disarm System	
 - 	Two Steps Door Unlock & Disarm System	Press twice within 3 seconds.
 (2-sec.)	Trunk Release (Channel 3)	Press and Hold for 2 seconds
 - 	Passive Arming By-pass	While the system Disarmed.
 -  - 	Remote Control Entry/Exit Valet Mode	While the system Disarmed, Press within 3 seconds
 + 	Channel # 4 Timer Output	

## OPERATION

### B. LED Status Display Chart:

LED	Status	LED	Status
Off	Disarmed	2 flashes... pause	Zone 2 / Trigger on Trunk/Hood
Slow flash	Armed	3 flashes... pause	Zone 3 / Trigger on Door Switch
Fast flash	Passive arming	4 flashes... pause	Zone 4 / Trigger on Shock Sensor
On (solid)	Valet mode	5 flashes... pause	Zone 5 / Trigger on Ignition Switch

### C. Chirp Indicators

1 Chirp	Arm
2 Chirps	Disarm
3 Chirps	Ajar Warning
4 Chirps	Disarm/Trigger
6 Chirps	Car Locator

### D. Parking Light Indicator Display Chart:

1 Flash	Arm
2 Flashes	Disarm
3 Flashes	Disarm/Triggered
12 Flashes	Car Locator

### E. SYSTEM OPERATING CONDITION:

	Siren, Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash or Off	Unlocking		Turns on for 30 seconds
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car-Jacking	Alarming	Flashes			Disable	Flashes
6. Car Locator	6 Chirps	12 Flashes				

### F. ACTIVE ARMING – LOCK AND ARM:

1. Press the **🔒** button on the transmitter.
2. The siren will chirp **(1) time** and the parking lights will flash **(1) time** indicating that the system is **now Armed**. The vehicle's doors will lock upon arming when interfaced with the security system's keyless entry.

**AJAR WARNING:** If the siren **chirps (3) times**, you have left a door, trunk, or hood lid ajar. (See Alarm Feature I-3 Programming.)

## OPERATION

2. During **"Panic Mode"**, the normal function of this transmitter button will be suspended. The transmitters **🔒** and **🔓** buttons can be used to lock and unlock the doors, however once the **🔒** button is pressed, the vehicle's starter disable device, (if installed) will enable the vehicle to be started with the ignition key.
3. To stop the alarm, press and hold the **🔒** and **🔓** buttons on the transmitter again for 3 seconds. Also, if any transmitter button other than **🔒** or **🔓** is pressed and released, the panic mode will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

### M. TRIGGER THE ALARM SYSTEM

When **Armed**, your vehicle is protected as follows:

1. Light impact will trigger the **warn-away signal**. A long chirp from the siren or horn.
2. Heavy impacts, doors opening, hood opening, trunk opening or turning the ignition **"ON"** will trigger the programmed sequence. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The **siren, horn, parking lights, and dome light will turn on** to alert an intrusion for 30 seconds. The system will then stop and automatic reset or re-arm. If one of the sensors or detectors is active, the alarm system will sound a maximum of 6 times in 30 seconds cycles.

**NOISE ABATEMENT CIRCUIT:** Your system has a **"Noise Abatement Circuit"**. This feature prevents annoying repetitive trigger sequences due to a faulty door pin switches or environmental conditions such as thunder, jackhammers, airport noise, etc.

Here's how the **"Noise Abatement Circuit"** works: The alarm triggers five times. Each time, the same sensor or switch is triggering the alarm, the **"Noise Abatement Circuit"** will interpret this pattern of triggers or false alarms. After the fifth trigger, the **"Noise Abatement Circuit"** ignores, or bypasses, that sensor until another sensor or switch is triggered. The **"Noise Abatement Circuit"** covers the doors (doors, hood and trunk) differently: If the alarm is triggered by an open door for six full cycles, the doors will be bypassed until the trigger ceases.

## OPERATION

- Turn the ignition switch to the "Off" position. [4] Chirps from the siren or horn and [3] flashes from parking lights will indicate the system was disarmed.

### J. VALET MODE: (Disarm or Valet mode)

The **valet/program 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 and remote starter 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 remote transmitter, or by operating the manual override sequence.

#### To Enter Valet Mode:

- Turn ignition to the "ON" position.
- Press and hold the **valet/program switch** for **2 seconds** or until the LED turns on. The LED will remain on and solid for as long as the system is in "Valet Mode".

#### To Exit Valet Mode:

- Returning to normal operation, turn ignition switch to the "ON" position.
- Press and hold the **valet/program switch** for **2 seconds**. The LED will turn "OFF" indicating the system is **out of "Valet Mode"**.

### Remote Valet: ( Disarm or Valet mode)

Press and release the **button** on the transmitter **three times** within **3 seconds** to **enter or exit valet mode**. The parking light flash to confirm you have **entered "Valet Mode"** and [2] parking light flashes will confirm you have **exited "Valet Mode"**.

### K. CAR FINDER:

With the unit Armed, press the **button** to activate the **Car Finder function**. The siren will **chirp 6 times** and the parking lights will **flash 12 times** to locate your vehicle.

### L. PANIC FUNCTION:

The transmitter can be used as a remote panic button to manually trigger the alarm **in case of emergency**.

#### To enter "Panic Mode":

- Press and hold the **button** for **3 seconds**. The alarm will immediately sound.

## OPERATION

**SILENT ARMING / DISARMING:** Pressing the transmitters **button** and **button** **at the same time** will **arm or disarm** your security system. No chirping sound will be heard and the arm / disarm confirmation will be visible with the **parking lights only**.

**SHOCK SENSOR BY-PASS:** Pressing the **button** on the transmitter **(2) times within 3 seconds** will arm the security system and by-pass the shock sensor. The system will chirp **one additional time** to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for **(1) arming cycle** only. The security system will return to normal operation during the next arming cycle.

**NOISELESS MODE:** Press the **button** **(1) time** to arm the system. Press the **button** **(2) more times within 3 seconds:** The siren will chirp **(1) more time**. The system is now in "Noiseless Mode". In Noiseless mode the zone 4 shock sensor timer will be reduced from 30 seconds to 15 seconds. The noiseless feature is programmed to activate for **(1) arming cycle only**. The security system will return to normal operation during the next arming cycle.

**HIDDEN ALARM FUNCTION:** Press the **button** first then within 3 seconds, press the **button** to activate the "Hidden Alarm Function". The security system will arm and be in "Hidden Alarm Function". The siren or horn will be silenced even if the sensor is triggered in the armed status.

### G. PASSIVE ARMING (See Alarm Feature II-2 Programming.)

**Active Arming / Disarming** will allow you to operate your security system with the **remote transmitter only**. This security system is equipped with an **optional "Passive Arming" feature**, which allows the security system to automatically arm 30 seconds after the last door is closed.

#### To enter Passive Arming:

- Turn the ignition to the "OFF" position and exit the vehicle.
- After all entrances are closed, the security system LED will flash fast for 30 seconds. If you re-open the doors, hood or trunk, the security system LED will stop flashing. It will begin flashing again once the vehicle's entrances are closed.

## OPERATION

3. After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will [1] chirp and the parking lights will flash [1] time and remain ON for 10 seconds.

### PASSIVE DOOR LOCKING:

The vehicle doors will automatically lock after the passive arming cycle has been completed.

**PASSIVE ARMING BY-PASS:** While the system is disarmed, press the  button twice, the system will respond with [1] chirp and the LED will turn "ON". The security system will remain in this temporary state until exited. To exit **Passive By-pass**, press the transmitters  or  buttons and the system will return to normal status.

### H. ACTIVE DISARMING – UNLOCK AND DISARM:

1. Press the  button on the transmitter.
2. The siren will chirp [2] times and the parking lights will flash [2] times indicating that the security system is now "Disarmed".
3. The vehicle's doors will unlock and the dome light will turn on for 30 seconds upon disarming.

**TAMPER DISARMING:** If the alarm is triggered, upon disarm of the system, the siren will chirp 4 times and the parking lights will flash 3 times.

**PATHWAY ILLUMINATION:** This feature turns the parking light "ON" for 30 seconds upon an unlock signal and for 10 seconds for a lock signal.

**Two Step Door Unlock:** This feature will independently unlock the driver's door only when disarming the security system. Pressing the  button a second time within 3 seconds will unlock the other doors.

**Automatic Rearm:** If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with the remote transmitter. "Automatic Rearm" will cancel if any door is opened before the 60 second timer has elapsed.

## OPERATION

### I. DISARMING WITHOUT A TRANSMITTER

#### Overriding the Alarm without a Password Pin Code: (Factory Default Setting)

The Override function may be used if the remote transmitter is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to the "ON" position. (The alarm will sound.)
2. Within 10 seconds push and release the valet/program switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

#### Override the Alarm with Password Pin Code: (See Alarm Feature IV-2 Programming.)

Unlike the valet switch easily found and defeated, this security system allows the consumer to program a password pin code. This feature will offer a higher level of security protection

#### To Operate Password Pin Code:

1. Enter the vehicle and turn the ignition switch to the "ON" position. (The alarm will sound.)
2. Within 5 seconds, enter your chosen first digit code by pressing and releasing the valet/program switch.
3. Within 15 seconds of the last digit code enter (the 1st code), turn the ignition switch "OFF" and then back to the "ON" position.
4. Within 15 seconds, enter your chosen second digit code by pressing and releasing the valet/program switch.
5. Turn the ignition switch to the "OFF" position. [4] Chirps from the siren or horn and [3] flashes from the parking lights will indicate the system was disarmed.

#### Example: To Override the System with the Password Code 83, you would;

1. Enter the vehicle and turn the ignition switch to the "ON" position. (The alarm will sound.)
2. Within 5 seconds, press and release the valet/program switch 8 times.
3. Within 15 seconds of the last digit code enter, turn the Ignition switch from "Off" to "ON".
4. Within 15 seconds, press and release the valet/program switch 3 times.