

## User Programmable Features:

### Feature Selection

### Programmed Status

1st	1 Chirp Auto Ignition Door Lock On	2 Chirps Auto Ignition Door Locks Off
2nd	Auto Ignition Door Unlock On	Auto Ignition Door Unlock Off
3rd	Passive (Auto) Locking When Passive Arming	Active Manual Locking Only
4th	Passive (Auto) Arming	Active (Manual) Arming
5th	Factory Setting Does Not Change	Call For Technical Assistance
6th	Factory Setting Does Not Change	Call For Technical Assistance
7th	Factory Setting Does Not Change	Call For Technical Assistance
8th	Factory Setting Does Not Change	Call For Technical Assistance

### To change the program status of these selectable features:

	Action	System Response
	Close All Doors And Turn ignition on Press in and release the Valet/Override button 3 times. Within 3 seconds, turn ignition Off Within 3 seconds, turn ignition On	No response  1 Chirp - L.E.D. 1 flash No Response 1 Short Then 1 Long Chirp
First Feature	Press and release the Valet/Override Button Once	1 Chirp, 1 L.E.D. Flash To Change The Setting Press The Vehicle's Door Lock Switch 1 chirp = auto locks on 2 chirps = auto locks off
Second Feature	Press and release the Valet/Override Button One More Time (For A Total Of 2)	2 Chirps, 2 Flashes To Change The Setting Press The Vehicle's Door Lock Switch 1 chirp = auto unlock on 2 chirps = auto unlock off
Third Feature	Press and release the Valet/Override Button One More Time (For A Total Of 3)	3 Chirps, 3 Flashes To Change The Setting Press The Vehicle's Door Lock Switch 1 chirp = passive locks 2 chirps = active locks
Fourth Feature	Press and release the Valet/Override Button One More Time (For A Total Of 4)	4 Chirps, 4 Flashes To Change The Setting Press The Vehicle's Door Lock Switch 1 chirp = passive arming 2 chirps = active arming
Exit Programming	Turn Ignition Off (May Be Done Anytime During Programming)	

**NOTE:** Once you enter the feature programming mode, do not allow more than 15 seconds to pass between steps, or the programming will be terminated.

**KARR Security Systems** (A Product Of SouthWest Dealer Services)

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Form No. 128-5593B

# KARR

## SECURITY SYSTEMS

### Model KARR 4040a

## KEYLESS ENTRY ALARM UPGRADE MODULE OWNER'S MANUAL

Congratulations on your purchase of the automotive Keyless Entry Upgrade Alarm System. This upgrade is a state-of-the-art auto security system that is designed to automatically arm and disarm when it receives a command from your existing Factory Keyless Entry Transmitter. Taking a few moments to read this manual will help to ensure that your vehicle is protected at all times.

### FEATURES:

- Starter Disable Upon Activation
- Remote Panic
- Emergency Override Button (Valet Mode)
- Electronic Shock Sensor
- Parking Light Flasher
- Illuminated Entry
- Programmable Auto Lock On / Off Upon Ignition
- Programmable Auto Unlock On / Off Upon Ignition
- 7 Function L.E.D. Status Indication Light
- Audible Arm / Disarm
- Active or Passive Arming Selectable
- User Programmable Permanent Audible Arm / Disarm Delete
- Horn Honk upon Arm / Disarm and Violation
- Intrusion Alert with Memory

### ARMING THE SYSTEM: (ACTIVE)

1. Turn the ignition key off, exit the vehicle, and close all doors.
2. Press and release the Lock button on the keychain transmitter.
3. The horn will chirp one time, the parking lamps will flash one time and the red L.E.D. will begin to slowly flash, indicating that the system is ARMED.

**NOTE:** If the horn chirped three times when arming, then one of the entry points [ hood, trunk, or doors] has been left opened. Additionally, if illuminated entry is a feature of the Factory Keyless Entry system, the alarm may chirp three times every time the system is armed and chirp one additional time when the interior light turns off to confirm that all trigger zones are fully operational.

4. Any time the door lock switch in the vehicle is used to lock the doors while the ignition key is turned off, the system will immediately arm. To lock the doors after entering the vehicle, make sure the ignition key is switched on first. Turning the ignition key on first will stop the system from arming.



### ARMING THE SYSTEM (PASSIVE):

1. Turn the ignition key off, exit the vehicle, and close all doors.
2. The L.E.D. will begin to flash rapidly, indicating that the system is automatically [passively] arming. As an added convenience, the 30 second automatic passive arming will not begin until all doors are closed, allowing passengers to exit the vehicle at their convenience.
3. In 30 seconds, you will hear a single short chirp from the horn, and the vehicle's parking lamps will flash one time, indicating that the system has ARMED. At this time, the red L.E.D. will begin to flash slowly, providing a visual indication that the system is fully armed.

**IMPORTANT!** When the system is programmed for passive arming, the system will always arm, even when the keychain transmitter has not been used to lock the doors.

When you leave the vehicle and a door has been left opened, the system will arm after 10 minutes. If you plan to vacuum the car, or if service work is being performed, either leave the key in the ignition and switched to the ON position, or put the system into valet mode. If you do not do this, the system will arm in 10 minutes and you will probably inadvertently trip the alarm.

### PROTECTION WHILE THE SYSTEM IS ARMED:

1. Opening any protected door will cause the alarm to immediately sound. The alarm will continue to sound for 30 seconds, then stop and automatically re-arm the vehicle. If the potential thief left a door opened, the alarm will sound for five more 30 second cycles, then re-arm and ignore the opened door zone.
2. Whenever the system is armed, the red L.E.D. indicator will slowly flash. This serves as a visual deterrent to the potential thief. The L.E.D. is a very low current bulb, and will not cause the vehicle's battery to drain, even when the vehicle is left unattended for extended periods.
3. Whenever the system is triggered, the vehicle's parking lights will flash for the 30 second alarm cycle, attracting added visual attention to the vehicle.
4. Whenever the system is armed, the vehicle's starter will be bypassed. The vehicle will not start.
5. The system will also be triggered by an impact detected by the shock sensor.

### DISARMING THE SYSTEM:

1. As you approach the vehicle, press and release the unlock button on the keychain transmitter.
2. The horn will chirp two times, the parking lamps will flash two times and the red L.E.D. will turn off, indicating that the system is DISARMED. If the optional entry illumination feature has been installed, the vehicle's interior lights will turn on for 30 seconds, or until the ignition key is turned on.

**NOTE:** If your system has been programmed for "passive arming", then it will begin to re-arm immediately after disarming. This is indicated by a rapid flashing of the red L.E.D.. Opening one of the vehicle's doors will suspend the passive arming process until all doors have been closed, or until the ignition key has been turned on.

### INTRUSION WARNING SIGNALS:

The system will inform you if an intrusion attempt has occurred while you were away from the vehicle. If an intrusion attempt has occurred, the horn will chirp four times when the system is disarmed. The vehicle's parking lights will also flash three times to indicate an intrusion has occurred.

Enter the vehicle and observe the L.E.D. for further information.

1. If the L.E.D. is flashing one time...pause...one time...pause...etc., then an intrusion attempt was made to a voltage sensing light activated entry point, or to an optional sensor that has been connected to zone 1.
2. If the L.E.D. is flashing two times...pause...two times...pause...etc., then an intrusion attempt was made to the hood or trunk, or to an optional sensor that has been connected to zone 2.
3. If the L.E.D. 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 to the "on" position.

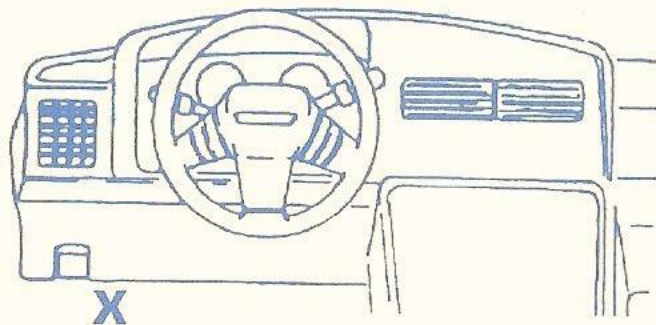
### OPERATING THE EMERGENCY PANIC:

The buttons on your keychain transmitter will allow you to immediately activate the alarm in emergency situations. To use the remote panic switch;

1. Press the unlock, then lock, then unlock button on your keychain transmitter within 3 seconds. The alarm will immediately sound, and continue to sound for 30 seconds.
2. To stop the alarm before the 30 second cycle has expired, simply press and release the unlock button on your keychain transmitter.



**YOUR VALET BUTTON AND L.E.D. LIGHT IS LOCATED IN THE AREA MARKED "X"**



#### **USING THE VALET BUTTON:**

The valet button allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. You should also use the valet button if your system is programmed for passive arming and you intend to vacuum or wash the vehicle. To use the valet mode;

1. Disarm the system, enter the vehicle, and turn the ignition key to the "on" position.
2. Press and hold the button for 3 seconds until the L.E.D. turns on solid. The L.E.D. will turn on solid, and remain on as long as the system is in the valet mode. Turn the ignition key off.
3. To return to normal operation, repeat step 2 until the L.E.D. light turns off.

#### **USING THE EMERGENCY OVERRIDE OPERATION:**

If your factory transmitter is lost, broken, or otherwise rendered inoperable, your system can be overridden allowing operation of the vehicle.

To manually override your system follow the sequence listed below:

1. The L.E.D. is flashing indicating the unit is armed, enter the vehicle, the horn will sound, turn the ignition switch to the "on" position.
2. Within 10 seconds press and release the push-button override switch. The horn stops sounding, the parking lights stop flashing the L.E.D. turns off, the horn and light activity ceases indicating a successful override. The system is now disarmed and you can start and operate your vehicle.

**NOTE:** If passive arming has been selected, when the ignition key is turned off and the vehicle is exited, the passive arming sequence will begin. The override procedure will have to be repeated every time you operate the vehicle until the factory transmitter is repaired or replaced.

#### **AUTO LOCK/UNLOCK FEATURE:**

If your existing factory installed keyless entry system did not include the automatic door lock and unlock feature, then this feature can be activated from the upgrade module. When this feature has been activated, any time the ignition key is turned to the on position and all vehicle doors are closed, the doors will lock in 4 seconds. Additionally, any time the ignition key is turned to the off position, the doors will unlock immediately.

#### **ELIMINATING THE ARM/DISARM CHIRPS:**

The normal arming and disarming confirmation chirps can easily be turned off using the valet push-button switch. To do this:

1. Turn the ignition key on, and then off.
2. Within 10 seconds of turning the ignition key off, press and release the valet button 3 times.
- 3a. If, before proceeding with step 1, the chirps were on, then you will hear 2 chirps to indicate that the chirps have been turned off.  
b. If, before proceeding with step 1, the chirps were off, then you will hear 1 chirp to indicate that the chirps have been turned on.
4. Whenever power to the system has been disconnected [ for repair or service to the vehicle], the chirps will be activated when the power is reconnected. To turn the chirps off, simply execute steps 1 through 3 above.

**NOTE :** Whenever the Arm/Disarm chirps are by-passed, the 3 chirp defective zone and the 4 chirp intrusion indicator will always operate. This feature will always warn you if a door was left ajar when arming, or the vehicle was tampered with in your absence.

#### **ELECTRONIC SHOCK SENSOR-DUAL STAGE [OPTIONAL]:**

This security system has a dual stage shock sensor. The sensor determines if an impact to your vehicle is ① slight or, ② significant. If the impact is slight, a four chirp warning signal will sound. If the impact is significant, a 30 second violation will be activated.

#### **ADJUSTING THE SHOCK SENSOR SENSITIVITY:**

The sensitivity of your shock sensor can EASILY be adjusted to suit your personal preferences. To adjust the sensitivity please follow these two easy steps: 1] Locate the electronic shock sensor, which is usually mounted on or near the steering wheel column under the dash. It is a black box about 2.5" by 2" in size. 2] Locate the sensitivity adjustment screw, and using a phillips head screw driver, turn clockwise to increase the sensitivity and counter clockwise to decrease the sensitivity. The adjustment should be made in increments of 1/16 of a turn at a time.



## SYSTEM FUNCTIONS AT A GLANCE

### L.E.D..INDICATORS

RAPIDFLASHING .....	PASSIVEARMING
SLOWFLASHING .....	ARMED
OFF .....	DISARMED
ON-SOLID .....	VALETMODE
3FLASH...PAUSE .....	INTRUSION ZONE 3
2FLASH...PAUSE .....	INTRUSION ZONE 2
1FLASH...PAUSE .....	INTRUSION ZONE 1

### CHIRP INDICATORS

1 CHIRP* .....	ARM
2 CHIRPS* .....	DISARM
3 CHIRPS .....	ARM / DOOR OPEN
3 CHIRPS .....	10 MIN. PASSIVE ARM / DOOR OPEN
4 CHIRPS .....	DISARM / INTRUSION
2 SHORT CHIRPS - 1 LONG CHIRP .....	DISARM / AFTER 10 MIN. PASSIVE ALARM
4 SHORT CHIRPS - 1 LONG .....	DISARM / AFTER 10 MIN. PASSIVE ARM AND INTRUSION

\* These chirps are optional, and can be de-activated.

### PARKING LAMPS

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

### Your System Has These Features Activated:

- Starter Disable When Armed
- Passive Arming
- Instant Trigger
- Key Activated Auto Lock/Unlock
- Shock Detector

### CHANGING ACTIVATION BETWEEN ACTIVE AND PASSIVE:

This security system is capable of activation in two modes.

1. Active: In this mode all of the security systems functions are controlled by the keychain transmitter only.
2. Passive: In this mode the security system will arm itself 30 seconds after all doors are closed or by use of the keychain transmitter.

To change the activation mode, the following steps must be taken:

- A. Turn ignition on.
- B. Push in and release the programming button 3 times
- C. Within 3 seconds turn ignition off.
- D. Within 3 seconds turn ignition on.
- E. Push in and release the programming button 4 times
- F. If 1 chirp, your system is set to passively arm. If 2 chirps, your system is set to actively arm. Press the lock switch on the door for 1 second to switch between modes to the desired mode.
- G. Turn ignition off.

**NOTE:** Once you enter the programming mode, do not allow more than 15 seconds between steps or the programming mode will be terminated.

### TRANSMITTER BATTERY REPLACEMENT:

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 on how frequently the transmitter is used.

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