

Uniden®



RF REMOTE CONTROLLED VEHICLE SECURITY SYSTEM with Rolling Code and Code Learning Technology

Operating Guide



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INTRODUCTION

CONGRATULATIONS

From the moment you purchased this UNIDEN Vehicle Security System, you became a part of the UNIDEN family. You started taking advantage of over 30 years of advanced engineering. You joined a team of engineers, technicians, designers, and people like yourself who know how important protecting your vehicle is. You discovered the UNIDEN difference.

This difference is important because the UNIDEN VS1100XR is more than just an alarm. It is a complete security and convenience system. It is like having your personal security guard and butler on call in your vehicle, 24 hours a day.

But even the best security systems will not work properly without careful installation.

Therefore, the UNIDEN VS1100XR is designed for installation by your professional UNIDEN dealer. He understands both his alarms and your needs, and will work hard to ensure the UNIDEN VS1100XR does its job for you. **Welcome to the family: UNIDEN, your dealer, and you!**

IMPORTANT

This UNIDEN VS1100XR security system contains many innovative features and unique functions. Please read this Operating Guide carefully in order to understand all of this alarm's security and convenience features. Some features may require the addition of sensors or accessories not included with this alarm. For more information, please consult your professional UNIDEN dealer.

NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the UNIDEN policy is one of continual development and improvement. For this reason, UNIDEN reserves the right to change specifications without notice. UNIDEN is also not responsible for misprints or typographical errors.

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PARTS CHECK LIST

The following items are included in your alarm package;

- * Alarm Brain
- * 2 x 3 Button, Rolling Code Remote Controls
- * 2 x Warning Decals
- * Dual Stage Electromagnetic Shock Sensor
- * Valet Switch
- * Arm LED
- * Multi Tone Siren with mounting screws
- * 1 x Bonnet / Boot Pin Switch
- * Wiring Loom with Engine Immobiliser Relay and Socket set
- * Cable ties
 - 1 x long (for securing shock sensor)
 - 4 x short (for securing wiring)

Optional accessories are available to provide additional security and convenience. Please refer to page 8 for more details.

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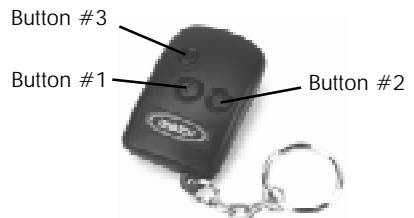
TOTAL PROTECTION

While your alarm is armed, your vehicle is protected in the following ways;

- Potential thieves or vandals will be deterred by the flashing LED and window decals.
- If the shock sensor detects light taps on the vehicle, it will trigger the pre-intrusion alert (the siren chirps 3 times and the parking lights flash 3 times) to warn potential thieves and vandals. However, if it detects a strong shock to the vehicle, it will trigger the alarm for 30 seconds. (See DUAL-STAGE SHOCK SENSOR on page 7 for more details)
- Turning the ignition key ON will trigger the alarm for 30 seconds.
- If a thief opens a door, the alarm immediately sounds the siren and flashes the parking lights for 30 seconds. If the opened door is not closed and current sensing has not been selected, the siren and lights will trigger up to three 30-second cycles, after which the alarm will re-arm.
- The engine immobiliser prevents the engine from being started with a key.
- The Automatic Engine Immobiliser will disable the engine automatically after 10 minutes, even if you forget to set the alarm.
- Optional UNIDEN glass-break & microwave sensors and additional engine immobiliser relays will offer additional protection. For more info, please ask your UNIDEN dealer.

REMOTE CONTROL FUNCTIONS

1. Use button #1 to:
 - Arm and disarm the alarm.
 - Turn the siren ON in an emergency.
 - Turn the siren OFF after activation.
 - Lock/unlock power door locks.
 - Bypass an open zone.
2. Use button #2 to:
 - Silently arm or disarm the alarm.
 - Operate a 2nd vehicle fitted with a UNIDEN compatible alarm.
 - Bypass the alarm's pre-intrusion functions.
3. Use button #3 to:
 - Control optional accessories such as a garage door opener / house alarm interface.



ARMING

There are two different ways to arm your alarm. Tell your dealer which is best for you:

□ Active Arming - (Default setting)

Means : Using the remote to arm the alarm.

1. Turn your ignition OFF and close all doors.
2. Press remote control button #1.
 - If the siren chirps and parking lights flash once, the alarm is fully armed.
 - If the siren chirps and parking lights flash 3 times, the alarm has armed, but is waiting for the vehicle's delayed interior lights to turn OFF (if your vehicle is so equipped), or it is telling you that one of the alarm's zones (door or bonnet or boot) is either open or is not functioning properly (see ZONE BYPASS, below). Also, check to make sure the interior light switch was not accidentally left on.

□ Passive Arming

Means : Relying on the last door closed to arm the alarm.

Turn the ignition OFF, and open a door to exit the vehicle.

When the last door is closed and the delayed interior light turns OFF, (if your vehicle is so equipped), the siren chirps and the parking lights flash once. The LED now flashes quickly.

- The alarm has now entered a 30 second arming countdown, after which the siren

chirps and parking lights flash once more to confirm the alarm is completely armed.

- If you wish, you can open a door during the 30-second arming countdown, and keep it open for as long as needed. The LED turns OFF while the door is opened. When finished, once again close the last door, and the siren will chirp and parking lights flash once to show the 30-second arming countdown has started again. The LED will also begin to flash quickly.
- If you close the last open door, and the siren does not chirp and parking lights do not flash, you know that one or more doors are not closed properly. This is a patented Quick and Quiet Testing (Q.Q.T.™) feature.
- It prevents you from thinking your alarm is armed when it may not be. In this case, double-check that all the doors, as well as the bonnet and boot, are closed properly, and that your vehicle's interior lights are OFF. If you cannot locate the problem, but need to arm the alarm, then press button #1 to immediately arm the alarm and bypass whatever zone is open (see ZONE BYPASS, below).

NOTE — Under passive arming, you can force your alarm to arm immediately any time during the 30-second arming countdown by pressing remote control button #1.

Note — There are references to opening or closing a door throughout this manual. "Door" also includes bonnet and boot, if they are protected. Ask your dealer.

ARMED

When the 30-sec. arming countdown ends, or when remote control button #1 is pressed to arm the alarm, the siren chirps and parking lights

flash once, and the LED starts flashing to show the alarm is armed.



ZONE BYPASS

When you press button #1 to arm the alarm, and the alarm responds with three chirps and three light flashes, there are two possibilities:

- A. Delayed interior lights — If your interior lights do not immediately turn OFF when you close your car door (in other words, your vehicle has delayed interior lights), this is normal. The alarm should protect all the openings once the interior lights go OFF.
- B. A zone was bypassed — In other words, the alarm has armed, but a hardwired door is not protected (either because it is open, or

because its door switch is broken). If the bypassed door is later closed, it will be restored (no siren chirp or light flash).

If your alarm indicates a bypassed zone, find the cause as soon as possible to ensure your vehicle is completely protected. For instance, if your driver's door is not properly closed when you arm your alarm, a thief may be able to open any door without setting off the alarm.

NOTE — The three zone bypass confirm chirps will not sound if chirp OFF is engaged. However, the parking lights will still flash three times. (See SILENT ARM / DISARM on page 6).

SENSOR BYPASS

This is useful if you know, based on experience, that your shock, glass-break, or other add-on sensor will false trigger, such as when you park near a construction site or other harsh environment.

To bypass your alarm's sensors,

1. Press button #1 to arm the alarm. The siren chirps and the parking lights flash once (three times if a zone is bypassed) to confirm armed.
2. Within 3 seconds, press button #2.
The siren chirps 3 times and the parking lights flash 3 times to confirm sensors are bypassed.

FIRST - Press Button #1



NEXT - Press Button #2 (within 3 seconds)

The sensors are automatically restored next time the alarm is armed.

DISARMING

To disarm the alarm, press button #1.

The siren chirps twice, the parking lights flash twice, and the LED turns OFF.

- ❑ **Auto Re-Arm** - After disarming, if your alarm has been set to auto re-arm, a 30 second automatic re-arming period begins. After 30 secs. the alarm will automatically re-arm.

Once re-armed, the siren chirps and the parking lights flash one time, and the LED starts flashing.

Note - Opening a door within 30 seconds will cancel auto re-arm and the alarm will be completely dis-armed.

- ❑ **Auto Re-Lock** - After disarming, if the alarm has been connected with optional central locking, the doors will re-lock automatically after 30 seconds (unless a door is opened).

Button #1



EMERGENCY CALL FOR HELP (PANIC)

To trigger the alarm in an emergency (armed or disarmed), press and hold remote control button #1 for 3 seconds. The siren sounds and the parking lights flash for about 30 seconds. Stop the siren and the parking lights any time by pressing button #1 again.

Regardless of whether the alarm was armed or disarmed when panic was activated, the doors will unlock (if the remote controlled door locks are connected).

Button #1



VALET

Sometimes you may not wish your alarm to arm when you leave your vehicle. (For instance, if you leave your vehicle with a valet attendant, you may not want to teach him how the alarm operates.). If your alarm is set for active (remote control) arming, this is easy — don't press button #1, and the alarm will not arm. However, if your alarm is set to arm passively, use the valet mode to prevent it from arming.

To enter Valet Mode - First disarm the alarm, turn the ignition ON, and press and release the VALET button 3 times. The alarm is now in the valet mode. The siren chirps once to confirm. (Ask your dealer where the Valet Button is hidden)

To exit Valet Mode - Turn the ignition ON, and press and release the VALET button 3 times. The siren chirps twice to confirm valet is exited and that the alarm is now disarmed. While your alarm is in valet, the LED flashes slowly when the ignition switch is OFF so thieves think the alarm is armed. If you press remote control button #1 while the alarm is in valet, the doors will lock or unlock, and the parking lights will flash four times. The alarm's emergency call for help (panic) operates normally.



NOTE — If you trigger the alarm by doing emergency call for help (panic) while the alarm is in valet, the alarm will exit Valet Mode.

EMERGENCY DISARM

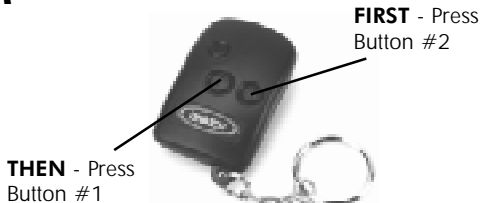
If you lose your remote control, you can disarm your alarm with the ignition key and "VALET" button. While your alarm is either armed or triggered, turn the ignition switch ON, then

press and release the VALET button 3 times. The siren and the flashing lights stop, and the alarm is disarmed. The alarm is now in Valet Mode. To exit Valet Mode, follow the procedure above.

SILENT ARM / DISARM

There are times, especially at night, when you may not want to hear the siren chirps.

- ❑ **One-time silent arm / disarm** — Just press button #2 any time before you need the chirps to be silent. For instance, press button #2 before you press button #1 to arm or disarm the alarm, and the chirps will not sound, but the parking lights will still flash. The chirps are restored the next time you press a remote control button.
- ❑ **Chirp Control ON/OFF** — Chirp OFF provides permanent silent arm / disarm. (This is a programmable feature. Please ask your dealer if you wish to use this feature)



NOTE — With Permanent silent arm / disarm, all chirps are deleted except pre-intrusion. This includes arm, disarm, zone bypass, and valet chirps.

Chirp delete does not affect the flashing park lights.

POWER DOOR LOCKS

Your alarm can automatically lock the doors when armed, and unlock the doors when disarmed. (Optional accessories may be required)

- ❑ **Alarm Set For Active Arming** - The doors lock and unlock any time remote control button #1 is pressed. For extra security, they lock automatically if the alarm is triggered. (Exception — See EMERGENCY CALL FOR HELP, page 6.)
- ❑ **Alarm Set For Passive Arming** - The doors lock 30 seconds after the last door is closed.

(Be careful not to leave the keys and remote controls in the vehicle, though!).

● **Ignition Controlled Door Lock** — Your alarm can also automatically lock the doors when you turn the ignition ON and unlock when you turn the ignition OFF. This is considered a very important feature in areas where 'car jacking' is a common occurrence. This is a Programmable Feature. The Factory default setting is OFF — please ask your dealer if you wish to use this feature.

DUAL-STAGE SHOCK SENSOR

Your alarm includes a dual-stage shock sensor. The first stage (pre-intrusion alert) warns thieves the alarm is armed. For instance, the alarm will chirp and parking lights flash 3 times if the sensor detects a light bump to the vehicle. However, if the thief attacks the vehicle with

sufficient force, the alarm will trigger. (Your dealer can make the shock sensor more or less sensitive to attack, depending on your vehicle.)

Note — that the shock sensor will not be ready to trigger the alarm until four seconds after the alarm is armed.

OTHER FEATURES

- **Multi-Point Engine Immobiliser** — This alarm can support up to 3 engine immobiliser relays. One is supplied as standard so that when your alarm is armed, your vehicle will not start.
- **Automatic Engine Immobiliser** — With the engine immobiliser relay(s) fitted the engine will be automatically disabled 10 minutes after the ignition is switched off, (even if the alarm has not been turned on via the remote control), or, 10 minutes after the alarm has been disarmed with the remote control. With AEI engaged, the LED will stay on constantly and the engine will not start. To dis-engage AEI ;
 1. Press button #1.
 2. Start the engine within 10 minutes otherwise AEI will re-engage and step 1 will need to be repeated.
- **Tamper Indicator** — If your alarm was triggered when you were away, the siren will chirp four times and the parking lights flash four times when you disarm your alarm. This memory is automatically cancelled when you turn the ignition switch ON.
- **Triggered Zone Indication** — With this feature, your LED will flash for 30 seconds after you disarm the alarm following an activation. The number of flashes can be used to determine the activated zone. Please refer to page 8 for more details on this feature.
- **2nd car operation** — With this feature, your remote controls can operate a UNIDEN compatible alarm in another car. Operation for both cars is the same, except that the functions of button #1 and button #2 are reversed in the second car. (Optional — ask your dealer.)

Appendix 1 — UNDERSTANDING THE SIREN CHIRPS AND LIGHT FLASHES

A. 1 chirp/flash:

- When remote control button #1 is pressed, the alarm is armed.
- When a door is closed, the alarm will arm in 30 sec. (passive arming).
- When valet mode is successfully entered.
- When learning mode is successfully entered.
- When remote control is successfully learned.
- 30 sec. after ignition switch is turned OFF and all doors are closed (or 30 seconds after delayed interior lights turn OFF), the alarm is armed (passive arming with switch sensing).

B. 2 chirps/flashes

- When remote control button #1 is pressed, the alarm is disarmed.
- When valet mode is successfully exited.
- When learning mode is successfully exited.

C. 3 chirps/flashes

- When pressing remote control button #1 to

arm the alarm, indicates the alarm arms even though it is not set properly (door not closed, or broken switch, or interior light is still ON, see ZONE BYPASS on page 4).

- When pressing remote control button #1 then button #2, indicates sensor's pre-intrusion function is bypassed.
- Pre-intrusion warns potential thieves or vandals who trigger the first stage of a dual-stage sensor that your vehicle is protected by an alarm.

D. **4 flashes** — When remote control button #1 is pressed, indicates alarm in valet.

E. 4 chirps/4 flashes —

- When the alarm is disarmed, indicates the alarm was triggered while you were away.
- In Automatic Engine Immobilizer mode, when you turn on IGN switch every time.

NOTE — Chirps can be deleted. (see SILENT ARM / DISARM on page 6 for more information).

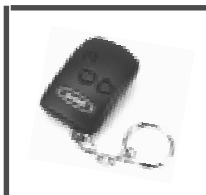
Appendix 2 - UNDERSTANDING THE LED FLASHES

- A. **Arming indicator** — Flashes quickly during the 30-second re-arm or passive arming countdown.
- B. **Door open indicator** — OFF when a hardwired door is opened during the 30-second re-arm or passive arming countdown.
- C. **Armed indicator** — Flashes when the alarm is armed.
- D. **Disarmed indicator** — OFF when the alarm is disarmed.
- E. **RF reception indicator** — ON while the remote control button is pressed.
- F. **Valet mode indicator** — Flashes slowly if the ignition switch is turned OFF.
- G. **AEI mode indicator** — If the Automatic Engine Immobiliser is engaged the LED will be ON.
- H. **Triggered zone indicator** — If the alarm has been activated, the LED will flash for 30 secs. after the alarm has been disarmed. EG...
 - 1 flash — current sensor activation
 - 2 flashes — ignition/panic activation
 - 3 flashes — shock activation
 - 4 flashes — door /boot activation

Don't forget the ACCESSORIES!

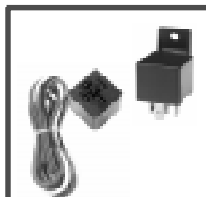
3 Button Remote (SEA933)

Get one for everyone who drives your car. (2 included with the alarm)



Engine Immobiliser Relay & Socket set (SEA865)

Provides additional protection by disabling the vehicles starter motor.



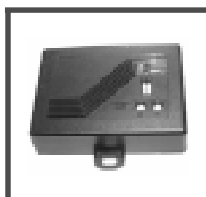
Dual-stage glass- break sensor (SEA857)

- Detects the high-frequency sound of glass breaking.



Dual-stage microwave sensor (SEA259)

- Detects movement inside vehicle. Great for extra protection and for open-top vehicles.



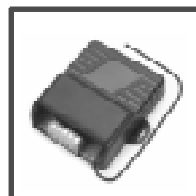
Central Lock Interface (SEA169) and Door Lock Motor (SEA170)

- Maybe required on some vehicles. Check with your dealer for more information.



Garage Door and House Alarm interface (SEA910)

- Allows your remote to control your garage door opener or house alarm.



Back up Battery Siren (SEA400)

- Protects your car even if the main vehicle battery is cut.



Make your alarm YOUR alarm!

Your dealer has a wide variety of accessories which can increase your alarm's security and convenience. Ask for more information. And insist on **GENUINE** UNIDEN accessories!

NOTE — The accessories on this page are optional.

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