

**CLIFFORD**

*World-Class Auto Security™*

***SuperNova II***

*Owner's Manual*

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## ***Standard Features of the SuperNova II***

- ☑ ***Lifetime Warranty*** —For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge (see warranty card for full details).
- ☑ ***FACT™—False Alarm Control and Test*** — One of many patented Clifford innovations, FACT ***absolutely, positively ends recurring false alarms.***
- ☑ ***A Pair of 3-Button/3-Channel Remote Controls*** —Fingertip command from a typical range of 100 feet.
- ☑ ***AntiScan™*** — Some car thieves still use “scanners” that transmit one digital code after another until they hit the one code that disarms the alarm. AntiScan blocks scanners to prevent disarming by anyone other than you.
- ☑ ***Anti-CodeGrabbing™ (ACG) with Random Code Encryption***— A code-grabber is a new device that lets a thief record and capture off the air from a distance the digital code transmitted by your remote control whenever you arm your car. When you leave, the thief replays the code to disarm the alarm and unlock your car’s doors. ACG with Random Code Encryption makes thieves’ code-grabbers completely useless, because each time you press the button on your remote control ***a different random code*** is transmitted, yet the system will flawlessly recognize and respond to your transmitter’s new code and ignore all others.
- ☑ ***Full-Time Remote Panic with Automatic Door Locking and Unlocking***— If you feel threatened, you can, with just a fingertip touch on your remote control, sound the siren, flash the parking lights and unlock your vehicle’s power door locks for quick entry into your car without fumbling with your keys. If you press the panic button while driving, the siren will sound, the lights will flash and the doors will lock to shield you from the assailant (some vehicles require optional relays to control the power locks).
- ☑ ***UltraSecure Coded Valet Mode™*** — Ensures that no thief can turn off your SuperNova II like they can all other brands of alarms.
  - ***Optional Remote Controlled Valet Mode Entry and Exit*** — With the optional 4-button/12-channel ACG remote control, you can command the system to enter or exit valet mode with just a press of button from 100 feet away. Parking light flashes confirm valet mode entry and exit. This optional remote also allows you to command yet another system accessory.

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### ***Standard Features of the SuperNova II (cont.)***

- ☑ ***Dual-Sensor Protection***— A Piezo Sensor™ detects intrusion-related vibrations and impacts, while a Glass Tampering Sensor™ detects any attempts to break any of your car’s windows.
- ☑ ***Dual-Mode Chirp Silencing***— Your choice of either long-term chirp silencing or remote controlled chirp muting whenever you wish.
- ☑ ***Remote Controlled Courtesy Lighting*** — For your personal safety and convenience, when you remotely disarm your SuperNova II, the interior lights turn on and stay on until you start the engine or 30 seconds, whichever occurs first.
- ☑ ***Built-In Parking Light Flasher*** — Visually confirms door lock and system status.
- ☑ ***Remote Door Lock/Unlock Capability*** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote simultaneously arms your system and locks your vehicle’s power locks. Another press disarms and unlocks (some vehicles require optional relays to activate your vehicle’s power door locks).
  - ***User-Selectable AutoLock™*** — Automatically locks the doors the instant you turn on the ignition to start the engine.
  - ***User-Selectable AutoUnLock™*** — Automatically unlocks the doors when you turn off the engine.
  - ***Deluxe Remote Keyless Entry in Valet Mode*** — Use your remote control to lock and unlock the car doors and remotely activate system accessories even while the system is in valet mode.
- ☑ ***Remote Headlight Activation Capability***— Remotely turn on the headlights to illuminate your way to and from your vehicle (requires an optional 4-button/12-channel ACG remote control and an optional relay).
- ☑ ***Remote Window/Sunroof Closure Capability*** — On certain vehicles (including several models of Mercedes Benz, Jaguar, Volkswagen and BMW), the system’s integrated channel 4 timer and an optional relay can be used to automatically close the power windows and sunroof every time you remotely arm your SuperNova II.

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### ***Standard Features of the SuperNova II (cont.)***

- ☑ ***High-Output Insignia Siren*** — A *loud* yet compact siren designed exclusively by Clifford Electronics for far superior performance, features, reliability and even aesthetics to all other manufacturer's look-alike, sound-alike sirens.
  - ***Ultra-Reliability*** — Since sirens are installed in the engine compartment, they're continually exposed to an unforgiving environment of extreme temperatures, vibrations, dirt, dust and water, which may cause the siren's electronics to fail. But the entire electronic circuitry of the SuperNova II siren and all of its components have been designed into the underdash control unit. Consequently, the electronic circuitry is sheltered from the harsh environment and is no longer the weakest link of the alarm system. In fact, the calculated mean time between failure (MTBF) of the Insignia Siren is 10 times better than that of conventional sirens.
  - ***User-Selectable Siren Duration*** — You may set the siren wail for your choice of either 30 or 60 seconds.
  - ***Patented Automatic Noise Abatement*** — SuperNova II siren electronics limit alarm sounding to five siren duration cycles even if a door is left open in the wake of an intrusion attempt. This ensures against battery drain or towing of your vehicle due to noise pollution. The system then automatically resets and re-arms all other points.
- ☑ ***Enhanced User-Selectable AutoArming™*** — Automatically arms itself "*passively*" if you forget. May qualify you for an insurance discount that could pay for the system (consult your insurance company).
  - ***AutoArming Enable/Disable*** — You may disable or re-enable AutoArming with just a few flicks of a switch.
  - ***AutoArm & Lock™*** — You may set the system to automatically lock the doors every time the system AutoArms.
  - ***Visual Indication*** — Two parking lights flashes signal that the 30-second countdown to AutoArming has started.
  - ***Instant AutoArm Bypass*** — Just a quick turn of the ignition switch will bypass AutoArming for one cycle — perfect when fueling the vehicle. The AutoArming feature is automatically restored the next time you park your vehicle.

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### ***Standard Features of the SuperNova II (cont.)***

- ☑ ***Smart Remote Trunk Release Capability*** — An electronic interlock assures that the optional remote trunk release can be activated only when the system is disarmed. To further prevent any possibility of unintentional opening of the trunk, the interlock also makes sure that the trunk release cannot be remotely activated while driving.
- ☑ ***Patented Smart AutoTesting™***—Automatically tests all system triggers and sensors every time you remotely arm and warns you if you accidentally arm your SuperNova II system with the hood or trunk open. If there is a genuine trigger or sensor malfunction, the system will specifically identify the problem, thereby eliminating time-consuming and costly trouble-shooting.
- ☑ ***Patented Malfunction AutoBypass™*** —In the unlikely event of a trigger or sensor malfunction, your SuperNova II will automatically bypass the malfunction and arm all other points to continue relentless protection of your vehicle.
- ☑ ***TotalRecall™***— SuperNova II's memory stores the identity of the last trigger or sensor activated. This provides an invaluable diagnostic means, since, whenever you wish, the system will visually identify the last activated trigger or sensor.
- ☑ ***Patented Smart Prior Intrusion Attempt Alert*** — When you return to your vehicle and remotely disarm your SuperNova II, a special chirp and parking light flash sequence will audibly and visually alert you from a distance if an intrusion attempt was foiled while you were away. Your SuperNova II will even identify the specific trigger or sensor that detected the intrusion attempt.
- ☑ ***Patented Remote Control Code Learning*** — Just a few flicks of a switch lets you match to the system up to 4 different 3-channel and/or 12-channel ACG Clifford remote controls. Just as easily, a lost or stolen remote control can be deleted from the system memory.
- ☑ ***Control Unit with 4 Channels***— For remote controlled system operation and accessories (use of channel 4 requires an optional 4-button/12-channel ACG remote control).

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### ***Standard Features of the SuperNova II (cont.)***

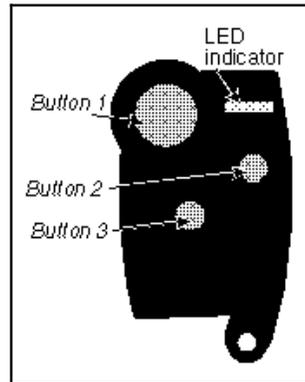
- ☑ ***Advanced CMOS Microcomputer*** —Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 1,000,000 times per second, yet it draws less power than the vehicle's clock, so it won't deplete your car battery like other alarms.
- ☑ ***Selectable Starter/Ignition Interrupt***— You may choose either a fault-proof mode, which lets you start the engine even in the unlikely event of a system malfunction, or ultra-secure mode that ensures a thief won't be able to start the vehicle even if he finds the system control unit and disconnects it!
- ☑ ***Hood/Trunk Trigger Input***— For full perimeter protection of the engine compartment and trunk contents (may require optional pin switches).
- ☑ ***High-Luminescence LED Status Indicator*** — Adds visual deterrence and identifies system status.
- ☑ ***Patented SmartPowerUp™ II*** — When power to the system is disconnected, the system's non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle.

**Welcome to the world of high-technology  
vehicle security and convenience**

**C**ongratulations on the purchase of your SuperNova II vehicle security/convenience system. Clifford Electronics has long been recognized as the world's leading manufacturer of high-technology vehicle security systems and accessories. In fact, Clifford Electronics holds more patents than all other vehicle security manufacturers combined. Buying Clifford has always meant buying the best. Yet despite all its sophistication, you will find your SuperNova II vehicle security system amazingly easy to use: never more difficult than a few flicks of a switch or a press of a button on one of your miniature keychain remote controls.

**Your 3-button/3-channel remote controls**

The 3-button/3-channel remote controls are sophisticated miniature radio transmitters each powered by a pair of tiny lithium batteries. Range is up to 100 feet. Weak remote control batteries will reduce range. Electrical interference and even sunspots can interrupt the signal from your remote control to the system. If this happens, repeatedly press the remote control button (this works better than holding the button down). The 3-button/3-channel remote control is the key to your system. You will use your remote control to arm and disarm the system, lock\* and unlock\* the doors, activate the panic feature, command options such as a remote trunk release, headlight activation, power window operation, an electric garage door interface or even remote starting of the engine and heater or air conditioner.




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**TO ARM THE SYSTEM . . . . .** Press button 1 once. You will hear *two chirps* and the parking lights will flash twice. The dashboard LED will flash repeatedly and the car doors will automatically lock.\*

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**TO DISARM THE SYSTEM . . . . .** Press button 1 again. *One chirp* and one parking light flash confirms disarming. In addition, the doors will automatically unlock\* and the interior lights will turn on and stay on for 30 seconds or until you start the engine, whichever occurs first.

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**TO SILENTLY ARM OR DISARM . . .** Press button 3. The system will arm or disarm with all the indications noted above except the chirp acknowledgments.

\* Some vehicles require optional relays to activate your vehicle's power locks.

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**TO ACTIVATE THE PANIC FEATURE . . . . .** Press button 1 for 3 seconds. The parking lights will flash repeatedly and the siren will blare for 30 or 60 seconds (user-selectable), or until you press button 1 again to turn it off. If the ignition is on (indicating you are in the car), the doors will automatically lock to prevent an assailant from entering. If the ignition is off, the doors will unlock, allowing you to enter immediately without fumbling with your keys.

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**TO REMOTELY OPEN THE TRUNK . . .** Button 2 can control an optional remote trunk release. Pressing button 2 while the alarm is *disarmed* will remotely open the trunk.

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**TO REMOTELY TURN ON THE HEADLIGHTS OR TO ACTIVATE A DIFFERENT OPTION .** A press of button 4 on the optional 4-button/12-channel ACG remote control can optionally turn on the headlights for any duration of your choice between one second and two minutes (the factory setting is 30 seconds; see User-selectable features on pages 17-18). Or this output may be set to automatically close the power windows and sunroof on certain vehicles. Or the system's channel 4 output may control a different optional accessory, such as the IntelliStart™ remote engine starter.

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***Anti-CodeGrabbing™ (ACG) with Random Code Encryption***

A Clifford exclusive that protects you and your automobile from the most effective and onerous car stealing device ever used by car thieves — a code-grabber. Code-grabbers are far more effective and efficient than scanning. Unlike scanners that sequentially transmit one digital code after another until they hit the correct code to disarm the alarm (a process that may take minutes to years depending on the system's total number of codes), code-grabbers literally record, from hundreds of feet away, the code sent by your car alarm remote control. Then the thief simply plays back the code when you're gone, instantly disarming the alarm and unlocking the doors. It's like giving the thief your car keys. Non-Clifford alarms can be defeated that easily. In contrast, Clifford systems use complex digital signal processing and unbreachable encryption to randomly change the digital code every time you use the remote control. Your remote will never transmit the same code twice, and the control unit will never accept the same code twice. Thus the code recorded and played back by the thief's code-grabber will never be accepted by your SuperNova II. *Only ACG can make a car alarm impervious to code-grabbing, and only Clifford systems have ACG with Random Code Encryption.*

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### ***How to interpret the chirps and parking light flashes***

When you use the remote control, the system responds with chirps (unless the chirp muting feature is turned on) and parking light flashes. These chirp/flash acknowledgments mean:

Chirps and flashes	Meaning
1	Your system is disarmed <i>or</i> you have remotely exited valet mode (see page 13)
2	Your system is armed <i>or</i> you have remotely engaged valet mode (see page 13)
2 and then 4	Armed but there is a door open or one of the sensors is malfunctioning (see <i>Smart AutoTesting</i> on page 14)
3	Disarmed but there was an intrusion attempt while you were away (see <i>Smart prior intrusion attempt</i> on page 15)
4	Armed but the hood or trunk is ajar (see <i>Smart AutoTesting</i> on page 14)

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### ***Enhanced AutoArming™***

If this feature is enabled and you forget to remotely arm, the system will automatically arm itself 30 seconds after the vehicle doors are closed. For your convenience, if you re-open any door(s) within the 30-second countdown, AutoArming will restart from the beginning once all doors are closed. SuperNova II has these additional AutoArming features:

- ***AutoArming enable/disable:*** If you prefer, you may deactivate or reactivate the AutoArming feature. See *User-selectable features* on pages 17-18.
- ***Visual acknowledgment:*** Five seconds after you exit the vehicle and close all the doors, the parking lights will flash twice to confirm that the AutoArming countdown is progressing. Then, 25 seconds later, the system will AutoArm.
- ***AutoArm & Lock:*** To ensure you can't accidentally lock your keys inside the car, the system is factory-set not to lock the doors upon AutoArming. To change this setting, see *User-selectable features* on pages 17-18.
- ***Instant AutoArming bypass:*** Prevents AutoArming when fueling the vehicle and other times when you wish to temporarily bypass the AutoArming feature. To activate Instant AutoArming Bypass, rapidly turn the ignition switch to "ON" then "OFF." You will hear a single siren chirp to confirm that the system will not AutoArm. Your SuperNova II will revert to its normal operating mode when you next start the engine.

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### ***Smart trunk release option***

If the remote trunk release feature was installed, you may use remote control button 2 to remotely pop the trunk. Your system has a built-in electronic interlock to prevent unintentional activation of the remote trunk release when you drive, or when the system is armed.

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## **UltraSecure™ Coded Valet Mode**

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### ***Your secret valet code***

In seconds, thieves can disable all other alarm brands by hotwiring the ignition and flicking an easy to find “*hidden*” valet switch. Your SuperNova II system has safeguards that absolutely ensure a thief cannot enable the valet mode as a way of “turning off” your system. How? To enable valet mode, the driver must first enter a secret valet code on the PlainView switch. If a thief tries guessing your code, after three incorrect entries, the siren will sound and the system will not accept any further entries for two minutes. Your code will be a 1-to-3-digit number of your choosing. Each digit can be any number from 1 to 9, (i.e. the code can be any number between 1 and 999, except those that contain a zero). Whenever the system is in valet mode, it overrides the AutoArming feature (see page 10) and all the security features are turned off. At various times, you will need to switch the system off. For instance, when having your car serviced, washed or parked by a valet.

*Your factory-set valet code is the single digit “2.”*

**NOTE:** *If you temporarily lose the use of your remote controls, you can disarm the system by enabling valet mode.*

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### **Definitions**

- **Digit:** A digit is defined as any number from 1 to 9, inclusive.
- **Valet code:** A valet code may be 1 to 3 digits:
  - A one-digit code=X=any number between 1-9
  - A two-digit code=XY=any number between 11-99 (excluding numbers with zeros)
  - A three-digit code=XYZ=any number between 111-999 (excluding numbers with zeros)

**Remember, no code can have a zero.**

- **PlainView switch:** A rocker switch mounted on the dashboard or console. The switch has three positions: **1.) Latched 2.) Center 3.) Spring-loaded momentary**. When you press the latched side, the switch remains in its pressed position. When you press the momentary side, the switch bounces back to the center position.
- **Entering a digit:** To enter a digit, you tap (press and release) on the momentary side of the PlainView switch the number of times corresponding to the numeral of the digit to be entered, followed by pressing to the latched side, then returning the switch to its center position.
- **Entering a code:** If your code has only one digit, enter the code as described in “Entering a digit.” If your code has more than one digit, just repeat the above for each digit of your code.

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*To enable valet mode*

1. Turn the ignition switch to its “ON” position or start the engine.
2. Enter your secret valet code on the PlainView switch (the LED will turn on), then return the switch to its center position.
3. You now have 10 seconds to press the *latched* position to enter valet mode. The LED will glow continually for on-going visual confirmation of valet mode.

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*To exit valet mode*

1. Turn the ignition switch to its “ON” position or start the engine.
2. Flick the switch back to its center position. The LED will turn off to confirm that the system is now in its normal operating mode.

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*Setting your own secret valet code*

Since all Clifford systems have the same factory-set code, it is highly advisable that you set your own valet code. You may choose any 1-, 2-, or 3-digit code that does not have any zeros. You can also change your valet code whenever you want. Simply write down the 1-to-3 digit code you wish to use (remember, no zeros in the code), then perform the following steps.

1. Turn the **ignition on**.
2. Enter your current **valet code** (the factory-set code is the single digit 2: two presses of the momentary side, then latched).
3. Press and release the switch’s **momentary side 16 times**. To help you count, you will hear a single chirp confirmation each time you press the momentary side, for a total of 16 chirps.
4. Immediately after the 16th chirp, press the **latched** side of the switch, enter your **new code**.
5. **Wait 3 seconds** until you hear 1 chirp and the LED turns off.
6. Turn the **ignition off** after you hear the 1 chirp and the LED has turned off.
7. **VERY IMPORTANT: You must immediately test your new secret valet code:** Turn on the ignition, enter your new code, then flip the switch to its latched position. The LED will illuminate. If it does not, the new code you programmed and the one you just entered do not match. ***In such a case, the system will revert to the previous code.***

---

*Example of setting a new valet code:*

Lets say you want to change the valet code from its original single-digit “2” code to a double-digit code of “31.” You would do the following:

*Turn the ignition on, enter your current code, tap the momentary side of the PlainView switch 16 times, press the latched side, then enter the new code: momentary, momentary, momentary, latched (3 chirps), momentary, latched (1 chirp), center. Wait 2 seconds for the system to exit program mode (1 chirp and the LED turns off), then turn the ignition off.*

That’s all there is to it, but be sure to perform step 7 above to verify your new code.

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### ***Optional remote controlled valet mode entry and exit***

You can even *remotely* enable or exit valet mode if you have an optional Clifford 4-button/12-channel ACG remote control. All you need to do is transmit channel 9 (two presses of the side LevelShift button, then button 1). In addition to the previously noted indications, two parking light flashes will confirm that you have remotely enabled valet mode, while a single flash confirms exiting of valet mode.

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### ***Keyless entry in valet mode***

Even if valet mode is enabled, you can still remotely control the convenience features. For instance, simply press button 1 as if you were disarming and the doors will unlock\* (indicated by one parking light flash) and the interior lights will turn on. Press button 1 again and the doors lock\* (confirmed by two flashes). You can also use the other channels to activate options such as a remote trunk release or remote engine starting.

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### ***Dual-Sensor Protection***

Your SuperNova II has two sensors: A Glass Tampering Sensor that can detect attempts to break any of the vehicle's windows, and a Piezo Sensor that detects intrusion-related vibrations and impacts. This provides twice the level of protection offered by most other brands of car alarms. For an even greater level of security, consider Clifford Electronics optional sensors: OmniSensor (a digital analysis vibration/impact sensor) and/or the Digital Dual-Zone Proximity Sensor IV (a passenger compartment radar sensor, particularly important for convertible and other open-top vehicles).

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### ***Selectable starter/ignition interrupt***

At the time of installation, you can select whether your SuperNova II interrupts the starter line or the ignition line. To verify which line is electronically interrupted, enter the vehicle, close the doors, arm the system while inside the vehicle, then try to start the engine. If the engine cranks but does not start, the ignition is bypassed. If it does not crank at all, the starter is disabled.

In addition, the starter/ignition interrupt will be set in either Fault-Proof mode, which lets you start the engine even in the unlikely event of a complete system failure, or Super-Security mode that ensures a thief won't be able to start the engine even if he cuts all the wires or finds the system control unit and disconnects it.

Changing the mode requires a minor relay wiring change and installer-only programming. Your local Authorized Clifford Dealer can make the changes for you.

*\* Some vehicles require optional relays to activate your vehicle's power door locks.*

### ***AutoLock and AutoUnLock™***

For your safety and that of your passengers, the vehicle doors will automatically lock\* the instant you turn on the ignition to start the engine (see *User-selectable features* on pages 17-18). When you turn the ignition off to shut down the engine, the AutoUnLock feature automatically unlocks\* the doors. To suit your preferences, you may turn off **either or both** the AutoLock and/or AutoUnLock features. There are a total of four possibilities: AutoLock “on” while AutoUnLock is “off”, or vice-versa. The other two combinations are both AutoLock and AutoUnLock “on” or both “off.”

### ***Smart AutoTesting™***

Each time you remotely arm your SuperNova II, it automatically performs an extensive test of all system triggers and sensors. If the **hood or trunk** is open when you remotely arm, the system will **immediately** alert you of the problem by sounding **4 chirps** and **4 parking light flashes** instead of the usual 2 and 2 (simply disarm, shut the hood or trunk and re-arm to reactivate monitoring of that trigger point). If a **door** is ajar or if one of the sensors is malfunctioning, you will receive the usual 2 chirps and 2 flashes, then, **5 seconds later**, there will be **4 chirps** and **4 flashes**. (The door ajar warning will not work on vehicles that have factory-delayed courtesy lights).

**NOTE:** *Since this is a warning indication, you will hear the 4 chirps even if you have the chirp muting feature turned on.*

- **Specific malfunction identification:** The system can also indicate the **specific** malfunctioning trigger or sensor. If you get the 4-chirp/4-flash signal upon arming, perform the following to identify the malfunctioning trigger or sensor:
  1. Remotely disarm, then turn on the ignition. The LED status indicator inside your vehicle will be blinking, pause, then repeat.
  2. Count the number of blinks in one cycle between pauses (for your convenience, the blink cycle repeats a total of 5 times) and refer to the chart below:

Number of LED blinks between pauses	Trigger/sensor indication
1 blink	Piezo Sensor or Glass Tampering Sensor
2 blinks**	Door trigger**
3 blinks	Hood or trunk trigger
4 blinks	A thief tried guessing your valet code (see page 11)

\* Some vehicles require optional relays to activate your vehicle’s power door locks.

\*\* If your vehicle has a factory-installed feature that turns off or dims the interior courtesy lights several seconds after you exit the vehicle, the system cannot provide this indication.

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### ***Automatic malfunction bypass***

To provide protection even if a component malfunctions, the system automatically bypasses any faulty point and arms all *other* triggers and sensors to provide the utmost possible protection until you can have the system serviced by your local Authorized Clifford Dealer.

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### ***TotalRecall™***

The system's memory records the identity of the last activated or malfunctioning trigger or sensor, which allows your installer to instantly track down a malfunction. To identify the trigger or sensor held in the system's memory, use the following procedure:

1. With the ignition OFF, flick the PlainView valet switch to its latched side.
2. Press button 1 to "arm" the system, then again to "disarm."
3. The LED will blink 1–4 times to indicate the most recently activated trigger or sensor. For your convenience, the blink cycle will pause and repeat a total of 5 times.
4. Write down the number of blinks between pauses and refer to the chart below.

Number of LED blinks between pauses	Trigger/sensor indication
1 blink	Piezo Sensor or Glass Tampering Sensor
2 blinks**	Door trigger**
3 blinks	Hood or trunk trigger
4 blinks	A thief tried guessing your valet code (see page 11)

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### ***Smart prior intrusion attempt alert***

If you hear three chirps when you remotely disarm, it means that a trigger or sensor was activated in your absence. When you enter the vehicle and turn on the ignition (or start the engine), the LED will blink 1–4 times, pause, then repeat the blink cycle 4 more times. Count the number of blinks in one cycle and refer to the chart above.

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### ***SmartPowerUp™ II***

If power to the system is ever removed, SmartPowerUp II ensures the system will automatically restore itself to its previous state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle. If your car is to be serviced by a mechanic, just put the system in valet mode via the remote control (see *Optional remote controlled valet mode entry and exit* on page 13). If the mechanic needs to interrupt power, your system will automatically return to its valet mode state when power is restored; there will be no alarm activation and no need to provide your mechanic with your remote control and instructions on how to use it.

*\*\* If your vehicle has a factory-installed feature that turns off or dims the interior courtesy lights several seconds after you exit the vehicle, the system cannot provide this indication.*

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**FACT™— False Alarm Control and Test**

With FACT, you'll never experience repeated false alarms. If the Insignia Siren goes off, DO NOT remotely disarm the system; allow it to run for the full siren duration. Before sounding the siren a second time, the system automatically checks for another activated trigger to verify that an intrusion is in progress. Should the siren sound again, you will know for sure that someone is tampering with your vehicle. (To disable FACT, see *User-selectable features* on pages 17-18.)

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**How to interpret the LED status indicator**

The LED on your car's dashboard or console will inform you of the system status:

LED Condition	Meaning
Off	System is disarmed and in normal operating mode (i.e., valet mode is off)
On	Valet mode is on, the vehicle can be driven or serviced without having to disarm
Flashing	System is armed and protecting your vehicle
Pause between flashes	Either a malfunction (see page 14) or an intrusion was attempted (see page 15)

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**High-output Insignia™ Siren**

All the siren electronics are in the system control unit rather than the siren itself. This protects them from heat, dirt and exposure to the elements (other alarm companies' sirens are far more susceptible to failure). Your SuperNova II also provides these additional features:

- **Long-term chirp silencing:** Whenever you wish, you may silence your SuperNova II's arm and disarm chirps until you decide to restore them. The parking light flashes will continue to provide visual confirmation of remote controlled arming and disarming. See *User-selectable features* on pages 17-18.
- **Remote controlled chirp muting:** Remote controlled chirp muting capabilities are especially valuable when parking late at night in a quiet residential area or any other time when you want to arm or disarm silently. To arm or disarm silently, simply press button 3 on your remote control instead of the usual button 1.
- **Siren duration:** When the system detects an intrusion attempt, the alarm is set to sound for 30 seconds. However, if you prefer, you may change it to 60 seconds. See the *User-selectable features* section on pages 17-18.

## User-selectable features

Your SuperNova II allows you to set many of its features to your own personal preferences. We have made the programming procedures very simple: to make a change, you just press the PlainView switch a few times. The system comes from the factory with all of its features pre-programmed as noted in the table below and on the next page. To change any of the settings, use the following procedure. To restore the feature to its factory setting, just repeat the procedure:

1. Select the feature you wish to program from the table below and on the following page. Note the number of momentary (spring-loaded) presses.
2. Turn your vehicle's ignition switch to its "ON" position.
3. Enter your valet code (see page 11) on the PlainView switch.
4. When the LED turns on, immediately press and release the momentary side of the switch the number of times indicated in the third column of the programming table for the feature you selected (to help you count, you will hear a single chirp confirmation each time you press the momentary side).
  - a. If noted, perform the "Secondary action."
5. Wait 3 seconds. You will hear 1-4 chirps (as noted in the "Program completion confirmation" column) and the LED will turn off. Turn the ignition off.
6. Repeat steps 1-5 for any other features you wish to program.

### Programming table for user-selectable features

Feature	Factory setting	# of momentary presses	Secondary action	Program completion confirmation	Result
AutoArming	ON	4	—	1 chirp = OFF 2 chirps = ON	Change state from ON to OFF or vice-versa
AutoArm & Lock	OFF	5	—	1 chirp = OFF 2 chirps = ON	Change state from OFF to ON or vice-versa
FACT	ON	6	—	1 chirp = OFF 2 chirps = ON	Change state from ON to OFF or vice-versa
AutoLock	ON	7	—	1 chirp = OFF 2 chirps = ON	Change state from ON to OFF or vice-versa
AutoUnLock	ON	8	—	1 chirp = OFF 2 chirps = ON	Change state from ON to OFF or vice-versa
Chirp confirmation	ON	9	—	1 chirp = OFF 2 chirps = ON	Change state from ON to OFF or vice-versa
Siren duration	30 sec.	10	—	1 chirp=60sec 2 chirps=30sec	Change duration from 30 to 60 seconds or vice-versa
Add a new remote to channel 1 (arm/disarm)	—	11	Press remote control button 1	1 chirp	Button 1/channel 1 code of the new remote control has been memorized

*continued . . .*

Feature	Factory setting	# of momentary presses	Secondary action	Program completion confirmation	Result
Add a new remote to channel 2 (optional remote accessory)	—	12	Press remote control button 2	2 chirps	Button 2/channel 2 code of the new remote control has been memorized
Add a new remote to channel 3 (silent arm/disarm)	—	13	Press remote control button 3	3 chirps	Button 3/channel 3 code of the new remote control has been memorized
Add a new remote to channel 4 (optional remote accessory)	—	14	Press remote control button 4 of the optional 4-button/12-channel ACG remote control	4 chirps	Button 4/channel 4 code of the new remote control has been memorized
Erase all channels	—	15	—	2 chirps	All remote control codes have been erased; program in new remote control(s)
Valet code	<b>See <i>Setting your own secret valet code</i> on page 12.</b>				
Set channel 4 timer ★	30sec.	17	When the desired interval has passed, turn off the ignition key	1 chirp	Timer has been set to the interval of your choice between 1sec. and 2min.

★**WARNING:** If the built-in timer controls window/sunroof closure on your vehicle, **DO NOT change the timer setting!** This requires installer-only programming.

***Example : To change the AutoArming feature from its factory setting of "on" to "off," you would do the following:***

- Turn the ignition key to the ON position.
- Enter your valet code, then immediately tap and release the momentary side of the PlainView switch 4 times (you'll hear a chirp each time you press to help you count to the total of 4 chirps).
- Wait 3 seconds. The system will sound one more chirp to confirm that the AutoArming setting is now off (1 chirp = off, 2 chirps = on).
- Turn the ignition off. That's all there is to it! To change the AutoArming setting back, just repeat the procedure.

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***Adding new remote controls***

For other drivers in your family, or if you wish to control Clifford systems on your other cars with the same remote control, you can buy additional remote controls from any Clifford Dealer (or call our Customer Service Department at 800-824-3208) and program them into the system yourself. Each SuperNova II will respond to as many as four 3-channel ACG and/or 12-channel ACG remote controls. To add a new remote control to the system, use the procedures noted in the *User-selectable features* section on pages 17-18.

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***How to erase the codes of lost or stolen remote controls***

If one of your remote controls is ever lost or stolen, you can erase its digital codes from the system memory to make sure that the missing remote control can never be used to disarm your system. To do so, use the "Erase all channels" feature (see *User-selectable features* on pages 17-18). This will clear all remote control codes from the system memory. Then simply program each remaining and/or replacement remote control as noted in the *Adding new remote controls* section above.

# CLIFFORD

*World-Class Auto Security™*

*SuperNova II is covered by*

*one or more of the following Clifford Electronics patents:*

*4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464;  
4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215;  
5,157,375; 5,467,070 and other patents.*

*For a Clifford Dealer near you, call 1-800-CLIFFORD or visit our Internet Website at  
<http://www.clifford.com>*