

# CLIFFORD

**XL2000**  
*Owner's Manual*

## Table of Contents

<b>Standard Features</b> . . . . .	1
<b>Using Your XL2000 Security System</b> . . . . .	3
<b>4-Button/4-Channel Remote Control</b> . . . . .	3
<b>How to Interpret the Chirps and Parking Light Flashes</b> . . . . .	4
<b>How to Interpret the LED Status Indicator</b> . . . . .	4
<b>Headlight Reminder</b> . . . . .	4
<b>Protected Valet Mode</b> . . . . .	5
<b>To turn ON the protected valet mode:</b> . . . . .	5
<b>To turn OFF the protected valet mode:</b> . . . . .	5
<b>Keyless Entry in Valet Mode:</b> . . . . .	5
<b>Enhanced AutoArming™</b> . . . . .	5
<b>AutoArming Enable/Disable:</b> . . . . .	5
<b>Visual Acknowledgment:</b> . . . . .	5
<b>AutoArm &amp; Lock:</b> . . . . .	5
<b>Smart AutoTesting™</b> . . . . .	6
<b>Specific Malfunction Identification</b> . . . . .	6
<b>Automatic Malfunction Bypass</b> . . . . .	6
<b>TotalRecall™</b> . . . . .	6
<b>FACT™— False Alarm Control and Test</b> . . . . .	7
<b>Tampering Warning</b> . . . . .	7
<b>Smart Prior Intrusion Attempt Alert</b> . . . . .	7
<b>AutoLock/AutoUnLock</b> . . . . .	7
<b>Siren Duration</b> . . . . .	7
<b>AntiScan</b> . . . . .	8
<b>Automatic Starter Interrupt</b> . . . . .	8
<b>Multi-Level Chirp Control</b> . . . . .	8
<b>Chirp Volume Control</b> . . . . .	8
<b>Extended Chirp Silencing</b> . . . . .	8
<b>Short-Term Chirp Muting</b> . . . . .	8
<b>One-Time Remote Chirp Muting</b> . . . . .	8
<b>Remote Headlight Activation OR Window/Sunroof Closure</b> . . . . .	8
<b>User-Selectable Features</b> . . . . .	9
<b>User-Programmable Remote Controls</b> . . . . .	11
<b>To Erase Unwanted Remote Control Codes</b> . . . . .	11

## Standard Features

- **FACT™** — False Alarm Control and Test — eliminates recurring false alarms
- **Lifetime Warranty**
- **\$3,000 Theft Protection Guarantee** (see guarantee card for details)
- **4-Button/8-Channel Remote Control**
- **AntiScan™** — blocks electronic scanners from disarming the alarm
- **Multiple-Car Control** — allows you to command several alarms with the same remote
- **MultiRemote™ Recognition** — useful for other drivers, since the system will accept up to 4 Clifford remote controls of any types or codes
- **Smart Trunk Release Capability** — electronic interlock ensures that the trunk can be remotely opened only when the alarm is disarmed
- **Remote Headlight Activation Capability** — illuminates your way safely to or from the car
- **Remote Window and Sunroof Closure Capability\*** — remotely close the windows on certain vehicles (BMW, Volkswagen and Jaguar).
- **SoftChirps™** — select from soft or full volume arm/disarm chirping
- **Triple-Mode Chirp Silencing**
  - Long-Term Chirp Silencing
  - One-Cycle Chirp Muting
  - Remote Controlled Chirp Muting
- **SmartDoors™**
  - Remote Door Locking/Unlocking — lock/unlock the car doors with the remote control
  - AutoLock™ — automatically locks the doors when the engine is started
  - AutoUnLock™ — automatically unlocks the doors when the ignition is turned “off”
  - Remote Keyless Entry in Valet Mode — remote door locking/unlocking even in valet mode
- **Built-In Parking Light Flasher** — visually confirms alarm status from a distance
- **Headlight Reminder When Ignition is Turned Off** — you’ll never again leave the headlights on
- **Smart AutoTesting™** — automatically tests for any malfunction
- **Malfunction AutoBypass™** — will advise you of any malfunction, then bypasses it
- **TotalRecall™** — stores identity of any trigger or sensor activated
- **Enhanced AutoArming™**
  - AutoArming Enable/Disable — allows you to enable or disable AutoArming any time
  - Visual Parking Light Acknowledgment — visually confirms AutoArming
  - User-Selectable AutoArm & Lock — allows you to select whether the doors will lock when the system is automatically armed
- **Dual-Level Tampering Warnings** — for maximum protection and minimum nuisance
- **Smart Prior Intrusion Attempt Alert** — identifies attempted intrusion point
- **High-Output Six-Sound Siren** — 125dB siren with six different alarm sound patterns
- **Fault-Proof Starter Interrupt** — immobilizes the vehicle while the system is armed
- **LED Status Indicator** — provides visual confirmation of alarm status
- **Magnetic Resonance Sensor™** — the best vibration/impact sensor
- **Remote Panic Feature** — for your own personal safety even away from the car
- **Hood/Trunk Trigger Input** — to provide total perimeter protection
- **Secured Valet Mode** — bypass alarm when car is valet parked or serviced

\*On various models of BMW, Jaguar, Mercedes Benz and Volkswagen.

## Using Your XL2000 Security System

### ■ 4-Button/8-Channel Remote Control

The 4-button/8-channel remote control is a miniature radio transmitter with a range of up to 100 feet. Obstructions, interference or a weak battery will reduce the range.

The remote control is the key to your security system. It is a user-friendly device that transmits eight distinct and unique digital codes: channels 1-4 with the red slide switch in the up position, and channels 5-8 with the switch down. Use it to arm or disarm the system, lock or unlock the doors, activate its panic feature or control options such as headlight activation and remote trunk release.

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**TO ARM  
THE SYSTEM. . . . .** Press button I (switch up) 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. Any attempt to break into the vehicle will immediately disable the starter, sound the six-sound siren and flash the parking lights.

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**TO DISARM  
THE SYSTEM. . . . .** Press button I (switch up) again. **One chirp** and one flash of the parking lights will confirm disarming. In addition, the car doors will automatically unlock and the interior lights will turn on and stay on for 30 seconds or until you start the engine.

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**TO SILENTLY  
ARM OR DISARM  
THE SYSTEM. . . . .** Press button III (switch up). The system will arm or disarm with the indications noted above *except* the chirps.

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**TO ACTIVATE  
THE PANIC  
FEATURE. . . . .** Press button I (switch up) for 3 seconds. The lights will flash repeatedly and the six-sound siren will blare for 30 or 60 seconds (user-selectable), or until you press button I again to turn it off.

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**TO ACTIVATE AN  
OPTION WHEN  
THE ALARM IS  
ARMED . . . . .** Button II (switch up) controls an electronic interlock that allows you to separately command **two** different options: *one when your system is armed and another when it is disarmed*. For instance, pressing button II while the alarm is **armed** will either:

- ★ Turn on the headlights for any duration you wish between 1 second and 2.5 minutes (factory setting is 30 seconds; to change duration, see *User-Selectable Features* on pages 9-10) **OR** . . .
- ★ Fully close all the power windows and sunroof on various Jaguar, BMW and Volkswagen vehicles.

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**TO ACTIVATE AN OPTION WHEN THE ALARM IS DISARMED . . . . .** As previously noted, button II (switch up) can control another option when the system is *disarmed*. This is most commonly used for an optional remote trunk release.

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**TO ACTIVATE AN OPTION REGARDLESS OF ALARM STATE . . . . .** Button IV (switch up) and I-IV with the switch down, may activate another remote controlled option, such as the Clifford IntelliStart™ (remote engine starter accessory), electric garage door or another Clifford-equipped vehicle.

■ **How to Interpret the Chirps and Parking Light Flashes**

When you press the remote control buttons, the system will respond with chirps (unless you have the chirp muting feature turned on) and flashes the parking lights to indicate the system status. *The meaning of these chirp/flash acknowledgments is as follows:*

Chirps and flashes	Meaning
1	Alarm is disarmed
2	Alarm is armed
2 and then 4	Armed and there is a sensor malfunction (see <i>Smart AutoTesting</i> )
3	Alarm is disarmed and there was an intrusion attempt (see <i>Smart Prior Intrusion Attempt</i> )
4	Armed and there is a trigger malfunction (see <i>Smart AutoTesting</i> )

■ **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
On	Secured valet mode
Flashing	System is armed
Pause between flashes	Either a malfunction or an intrusion was attempted

■ **Headlight Reminder**

If you turn the ignition off and open your door without having turned off the headlights, you will be reminded to turn them off with *four chirps*. (Since this is a warning, you will hear the chirps even if you have the chirp muting feature turned on.) If you prefer, you may turn off the Headlight Reminder feature. See the *User-Selectable Features* section on pages 9-10.

## ■ **Secured Valet Mode**

Whenever the alarm is put in secured valet mode, all of the alarm functions are bypassed since it prevents AutoArming and accidental activation of the alarm. You should use the valet mode whenever your car is either to be serviced by mechanics, handed over to car wash personnel or driven by valet attendants. It also comes in handy if you ever lose your remote control or its battery dies. If you have the AutoArming feature set on, when fueling your car, either put the alarm in valet mode or leave the driver's door open (the system will not AutoArm if a door is open). **Be sure to ask your installer to show you where the valet switch is located.**

### ■ **To turn ON the secured valet mode:**

1. Insert your ignition key and turn it to the "ON" position, or start the engine.
2. Flip the valet switch.
3. The LED will glow continuously to indicate that the alarm is in secured valet mode.

### ■ **To turn OFF the secured valet mode:**

1. Insert your ignition key and turn it to the "ON" position, or start the engine.
2. Flip the valet switch.
3. The LED will turn off to indicate that the alarm is in normal operating mode.

- **Keyless Entry in Valet Mode:** Even if valet mode "on", you will still be able to remotely control all the convenience features. For instance, simply press button I as if you were arming or disarming and your car's doors will lock or unlock. You can also use buttons II and IV to activate other options.

## ■ **Enhanced AutoArming™**

If you forget to remotely arm the system, it will arm itself automatically ("*passively*") 30 seconds after the vehicle doors are closed. If you re-open any door(s) within the 30-second countdown, AutoArming will restart from the beginning once all doors are closed. This ensures you'll never accidentally leave your vehicle unprotected. XL2000 includes all these Enhanced AutoArming features:

- **AutoArming Enable/Disable:** If you prefer, you may deactivate or reactivate AutoArming. To do, see *User-Selectable Features* on pages 9-10.
- **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 9-10.
- **NOTE:** To prevent AutoArming of the system when fueling the vehicle, either enable valet mode or leave one of the doors open (the system AutoArms 30 seconds after all doors are closed).

■ **Smart AutoTesting™**

Each time you remotely arm your vehicle, it will perform a series of tests on all triggers and sensors. If a *trigger* malfunction is found, you will be visually and audibly alerted *immediately* with **4 chirps** and flashes instead of the usual 2. If a *sensor* is malfunctioning, you will receive the usual 2 chirps and flashes, then, *a few seconds later*, there will be **4 chirps** and flashes.

- **Specific Malfunction Identification:** The system not only tells you if the problem is a trigger or sensor, but it can also indicate the *specific* trigger or sensor that is malfunctioning. This feature saves you time and money since your installer won't have to spend hours trying to determine where the problem is. Here's how it works:

1. You receive the 4-chirp/4-flash signal upon remote disarming.
2. The LED indicator inside the vehicle will be flashing, pause, then repeat.
3. Count the number of blinks in one cycle between pauses (for your convenience, the blink cycle repeats 5 times) and refer to the chart below:

Number of LED blinks between pauses	Malfunction
1 blink	Vibration/impact sensor or optional sensor
2 blinks	Door trigger
3 blinks	Trunk or hood trigger

■ **Automatic Malfunction Bypass**

To provide the utmost protection even if a system component malfunctions, the system will automatically bypass the faulty point and arm all *other* triggers and sensors until you can have the system serviced by your local Authorized Dealer.

■ **TotalRecall™**

The system's non-volatile memory records the identity of the last activated or malfunctioning trigger or sensor, which allows your installer to instantly track down a malfunction and save you servicing costs. To identify the trigger or sensor held in the system's non-volatile memory, simply perform the following procedure:

1. With the ignition OFF, flick the valet switch to one side.
2. Press button I to "arm" the system, then again to "disarm."
3. The LED will blink several times, pause, then repeat the blink cycle 4 times.
4. Count the number of blinks in one cycle and refer to the chart that follows:

Number of LED blinks per cycle	Trigger/Sensor that Last Activated or Malfunctioned
1 blink	Magnetic Resonance Sensor
2 blinks	Door trigger
3 blinks	Trunk or hood trigger

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

With FACT, you'll never experience repeated false alarms. If your six-sound siren goes off, DO NOT remotely disarm the system while the siren sounds; allow it to run for the full siren duration. Before sounding the siren a second time, the system automatically checks for another activated trigger. 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 9-10.)

■ **Dual-Mode Tampering Warning**

Normally, the system immediately sounds its six-sound siren at the first inkling of an intrusion attempt. However, you may set the system to issue a rapid five-chirp warning whenever the system detects tampering to the exterior of your vehicle. If there is any further tampering within the next 30 seconds, or if a door, the hood or trunk is opened at **any** time, your system will sound a continuous 125dB six-sound siren blast. To select the mode of your choice, see *User-Selectable Features* on pages 9-10.

■ **NOTE:Turning on the Tampering Warning feature overrides the FACT feature, and vice-versa.**

■ **Smart Prior Intrusion Attempt Alert**

When you remotely disarm, if you hear 3 chirps instead of the usual one chirp it means that a trigger or sensor was activated in your absence. When you enter the vehicle, the LED will blink several times, pause, then repeat the blink cycle 4 more times. Count the number of blinks in one cycle and refer to the chart below:

Number of LED blinks per cycle after disarming	Trigger/Sensor Activated
1 blink	Magnetic Resonance Sensor
2 blinks	Door trigger
3 blinks	Trunk or hood trigger

■ **AutoLock/AutoUnLock**

For your safety and that of your passengers, the system automatically locks the doors when you turn on the ignition switch to start the engine and unlocks them once the ignition is turned off. If you prefer, you may turn off the AutoLock/AutoUnLock feature. See the *User-Selectable Features* section on pages 9-10.

■ **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 9-10.



■ **AntiScan**

Car thieves use electronic scanners that rapidly transmit one remote control code after another to defeat ordinary alarms. AntiScan prevents scanners from disarming your system.

■ **Automatic Fault-Proof Starter Interrupt**

The system automatically prevents engine starting while the system is armed but allows you to start it even in the unlikely event of a full system failure (other manufacturer's alarms may leave you stranded).

■ **Multi-Level Chirp Control**

Whenever you wish, you may lower the volume or completely silence the system's arm/disarm chirps. The short-term and one-time chirp muting capabilities are especially valuable when parking late at night in a quiet residential area. You have several choices:

- **Chirp Volume Control:** Lets you lower the volume of the chirps or restore them to full volume. See *User-Selectable Features* on pages 9-10.
- **Extended Chirp Silencing:** Lets you completely silence the chirps until you wish to restore them. See *User-Selectable Features* on pages 9-10.
- **Short-Term Chirp Muting:** Lets you silence the chirps for a single arm-and-disarm cycle. To enable short-term chirp muting, simply turn the vehicle's ignition switch rapidly ON then OFF. The next time you arm and later disarm the system, there will be no chirps. After which, the chirps are restored.
- **One-Time Remote Chirp Muting:** The most simple of all. To remotely arm or disarm the alarm silently, press button III (switch up) on the remote control.

■ **Remote Headlight Activation OR Window/Sunroof Closure**

The system's built-in timer can control one of two great features when the system is in its armed state (these features require optional wiring):

- ★ Remote Controlled Headlight Activation **OR**
  - ★ Remote Controlled Window/Sunroof Closure (available only on certain vehicles)
- Please see page 4: "To Activate an Option when the Alarm is Armed." If connected to the headlights, you may set the timer duration to any interval between 1 second and 2.5 minutes. See the *User-Selectable Features* section on pages 9-10.

**WARNING: If your built-in timer controls window/sunroof closure in your car DO NOT change the timer setting! This requires installer-only programming. Changing the value will adversely effect operation and may cause damage.**

## ***User-Selectable Features***

Your XL2000 vehicle security system 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 flick the valet 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 page 10. To change any of the settings, use the procedure noted. To restore the feature to its factory setting, just repeat the procedure:

1. Select the feature you wish to program from the table on the following pages. Note the number of flicks and chirps associated with that feature.
2. Insert your ignition key and turn it to the "ON" position.
3. Immediately flick the valet switch back and forth, counting the number of chirps you hear. Stop when you reach the appropriate number of chirps
4. If noted, do the "secondary action."
5. You will hear one or more chirps (as noted in the "program completion confirmation" section) to confirm that you have changed the feature setting. 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 flicks & chirps	Secondary action	Program completion confirmation	Result
<b>AutoArming</b>	ON	4	—	1 chirp 3 seconds after last step	Change state from ON to OFF or vice-versa
<b>AutoArm &amp; Lock</b>	OFF	5	—	1 chirp 3 seconds after last step	Change state from ON to OFF or vice-versa
<b>Arm/Disarm Chirp Confirmation</b>	ON	6	—	1 chirp 3 seconds after last step	Change state from ON to OFF or vice-versa
<b>Chirp Volume</b>	Full Volume	7	—	1 chirp 3 seconds after last step	Changes state from LOUD to SOFT volume or vice-versa
<b>Headlights On Reminder</b>	ON	8	—	1 chirp 3 seconds after last step	Change state from ON to OFF or vice-versa
<b>AutoLock/ AutoUnLock</b>	ON	9	—	1 chirp 3 seconds after last step	Change state from ON to OFF or vice-versa

Feature	Factory setting	# of flicks & chirps	Secondary action	Program completion confirmation	Result
Siren Duration	30 sec.	10	—	1 chirp 3 seconds after last step	Change duration from 30 to 60 seconds or vice-versa
Tampering Warning	OFF	11	—	1 chirp 3 seconds after last step	Change state from OFF to ON or vice-versa
FACT — False Alarm Control and Test	ON	12	—	1 chirp 3 seconds after last tap	Change state from OFF to ON or vice-versa
Add a New Remote to Channel 1 (arm/disarm)	—	13	Press remote control button I (switch UP)	1 chirp	Button I/channel 1 code of new remote control has been memorized
Add a New Remote to Channel 2 (optional remote accessory)	—	14	Press remote control button II (switch UP)	2 chirps	Button II/channel 2 code of new remote control has been memorized
Add a New Remote to Channel 3 (silent arm/disarm)	—	15	Press remote control buttons III (switch UP)	3 chirps	Button III/channel 3 code of new remote control has been memorized
Add a New Remote to Channel 4 (optional remote accessory)	—	16	Press remote control button IV (switch UP)	4 chirps	Button IV/channel 4 code of new remote control has been memorized
Built-In Timer ★	30 sec.	17	3 seconds later, 1 chirp will indicate that the timer has started. When the desired interval has passed, turn off the ignition key.	—	Set to any interval between 1 second and 2.5 minutes

**★ WARNING: If your built-in timer controls window/sunroof closure in your car DO NOT change the timer setting! This requires installer-only programming. Changing the value will adversely effect operation and may cause damage.**

■ ***User-Programmable Remote Controls***

Your system will respond to as many as four remote controls regardless of each remote control's individual digital coding. Thus, you can buy additional remote controls, including the super-high-security 4.3-billion-code Premier™ remote controls, from *any* Authorized Clifford Dealer. To add a new remote control to the system, use the procedures noted in the *User-Selectable Features* section on pages 9-10.

■ ***To Erase Unwanted Remote Control Codes***

If your remote control 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. Just use the *Add a New Remote* procedures noted in the *User-Selectable Features* section on pages 9-10 for a total of four times (e.g., if you have one remote control remaining, program it four times; if you have two remote controls, program each twice).

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