

OWNER'S MANUAL



CARBINE[®]

34CS

SECURITY SYSTEM with KEYLESS ENTRY

Congratulations

Congratulations on the purchase of this CARBINE keyless entry and security system.

Reading this owners guide prior to using the system will familiarize you with it's many features. If issues arise or you have questions, contact your installing dealer first. Additionally, you can contact us online at www.carbine.com or call **310-735-2000**.

Replacement Remote Controls

To purchase replacement remote controls, please see your authorized dealer/installer or visit us at www.carbine.com






















Remote part numbers are found on the back of the remote control.



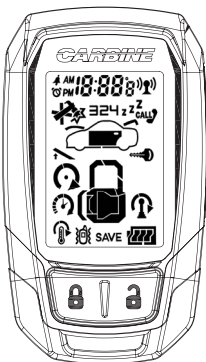
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













Remote Configuration

Button	Feature	Comment
	Lock/ Arm	Press and release.
	Unlock/ Disarm	Press and release.
	Panic Alarm On/Off	Press and hold for 2 sec.
	Arm and delete the on-board shock sensor	Press  two times within 5 seconds. 2 short chirps + 1 long
	Arm and delete the optional sensor. On-Board shock sensor is active.	Press  three times within 10 seconds. 3 short chirps + 1 long
	Arm and delete the On-Board shock sensor and the optional sensor.	Press  four times within 15 seconds. 4 short chirps + 1 long
	Arm and delete all trigger devices. Ignition trigger and Tilt sensor is active.	Press  five times within 20 seconds. 5 short chirps + 1 long
	Silent Arm/ Lock	Press  first then 
	Silent Disarm/ Unlock	Press  first then 
	Activate Ch#3 (trunk)	Press and hold for 1.2 sec.
	AUX Ch#4	Press together and hold.
	Remote Valet Mode On/Off	Open a door first. Press and release in sequence.
	Arm While Driving	Ignition must be on. Press and hold for 1.0 sec.


Standard LCD Icon Configurations




LCD Icon	Description	LCD Icon	Description
	The lock icon will be displayed when the doors are locked and the system is armed		The unlock icon will be displayed when the doors are locked and the system is disarmed
	The valet mode icon will be displayed when the system is in valet mode		The time display shows actual time, RS countdown time, alarm clock time and countdown timer
	Driver Paging Someone is paging you from your vehicle		The remote is in range of the vehicle
	The remote is transmitting		The remote is receiving

LCD Icon	Description	LCD Icon	Description
	The remote battery needs to be replaced		The remote battery is full
	The door is open or the alarm has been triggered from an open door		The hood is open or the alarm has been triggered from an open hood
	The trunk is open or the alarm has been triggered from an open trunk		Button lock is active or the alarm was triggered by voltage from the ignition key
	The alarm was triggered by the shock sensor		The shock sensor is inactive
	The tilt sensor is active The alarm was triggered by the tilt sensor (flashing)		Manual transmission mode is active
	Engine is cranking		Engine is running
	Siren is active		The panic alarm is active or the alarm is triggered
SAVE	Transmitter battery save mode is active		Melody mode is off, vibration mode is active
	Alarm clock is active		Countdown timer mode is active




Lock / Arm

Press and release the  button to arm the security system and lock the doors. The parking lights will flash **one** time. (door lock control must be installed)

Unlock / Disarm

Press and release the  button to disarm the security system and unlock the doors. The parking lights will flash **two** times. (door lock control must be installed)

Silent Arm / Disarm

Press and release the  button before pressing the  or  button to initiate silent mode. The system will LOCK or UNLOCK without arming or disarming chirps.

Note: If the system had previously been triggered, the tamper warning chirps will always sound upon disarm.

Disarm without the Remote Control

Your CARBINE system has an override mode that allows you to disarm your system in the event that you have lost or damaged your remote controller.

- While the alarm is sounding, turn the ignition key to On, then press and **release** the valet switch button. This will disarm the system.

Note: If your system was installed and programmed to “Automatically Arm”, the system should be placed into “Valet Mode” to prevent it from becoming re-armed until you can correct the issue with your remote control.

Passive Arming/Locking




Your CARBINE system can be programmed to Passive Arm and Lock the doors. If both of these features are programmed on, your CARBINE system will automatically arm and lock the doors 30 seconds after the last protected entrance is closed.

During the 30 second countdown, the RCC LED will flash fast and the siren/horn will chirp after 20 seconds to warn that the system is about to arm and lock. 10 seconds later, the doors will lock.


Note 1: If passive locking is not programmed ON with passive arming, the system will auto arm 20 seconds after the last door is closed and the doors will not lock.

Note 2: Countdown time will be extended if your vehicle has OEM delayed dome light control. This could add up to 45 seconds additional delay.

Panic Alarm



1. Press and **hold** the  button for 3 seconds to activate panic alarm. Once activated, the panic alarm will sound the horn or siren and flash the parking lights for 30 seconds.
2. Press and **release** the  or  button to stop the panic mode.

Trunk Release (CH#3)

Press and **hold** the  button for 1.2 seconds to release the trunk/ hatch lid

- The vehicle must have electronic trunk control
- The trunk release control option must be installed

AUX Output Activation (CH#4)

Depending on your installation, your installer may have connected the channel #4 output to your vehicle. To activate the AUX/CH#4 output, press and hold the  +  buttons together for 2 seconds. This action will energize the AUX/CH#4 output for as long as you hold the buttons down. The operation of AUX Channel #4 is programmable.




Valet Mode (By Valet Button)

Valet mode is a convenience when you take your car in for service or allow someone who may not be familiar with your security system to drive your vehicle.

- All doors must be closed
- Turn the ignition key On then Off.
- Press and release the valet button (1) time.
The status LED will be on.
- Repeat the procedure to turn off the valet mode.
The status LED will be off.

Valet Mode (By Remote)

Valet mode is a convenience when you take your car in for service or allow someone who may not be familiar with your security system to drive your vehicle. To activate Valet Mode using your remote control. Repeat the following procedure.

1. Open the driver side door.
2. Press  then  then  on your remote control.
3. The LED status indicator will be on solid.
 - Parking lights flash fast 9 times.
4. Repeat 1 and 2 above to exit Valet Mode.
The status LED indicator will be off.

Trigger the System

If at any time the system becomes triggered, the horn/siren will sound for 30 seconds and then re-arm. If a protected entrance is left open, the alarm will sound for three, 30 second cycles and then the protected entrance is bypassed while the remaining detection zones are active.

Progressive Door Trigger


This feature is ON by default and can be programmed off by the installer. When your CARBINE system is armed and a door is opened, instead of “full alarm mode” the system will chirp the horn/siren 10 times prior to going into full alarm mode.

Tamper Warning at Disarm

If the alarm had been triggered while you were away from the vehicle, upon disarming, a 4-chirp tamper disarm warning will occur. In addition to the 4-chirp warning, the status LED will flash a distinctive number of times to indicate which alarm zone set off the alarm.

Tamper LED Flashes	Trigger Source
1	Doors
2	Hood/ Trunk
3	Optional Sensor
4	Onboard Shock Sensor
5	Ignition Voltage
6	Tilt Sensor

Forced Passive Arming

As additional protection, the Forced Passive Arm feature will arm the security system 1 hour after exiting the vehicle. In some cases, you may forget to press the  button to arm your system. Forced Passive Arming will keep the vehicle protected. By default, this system is ON and active unless programmed differently by the installer.

Automatic Starter Disable

The purpose of this feature is to keep your vehicle from being stolen at all times. This system is activated independently of all other systems. After turning the ignition key off, the Auto Starter Disable system will begin to count down. The LED indicator on the RCC will begin to flash. 30 Seconds later, the security system starter disable circuit will be active. To start the vehicle, it will be necessary to disarm the system using the remote controller.

Nuisance Prevention System

To prevent continuous alarm cycles from faulty and over-sensitive sensors or an attempted theft that has left a protected door open, the Nuisance Prevention System will monitor all trigger inputs. If the alarm triggers (3) times with a 60-minute period from the same sensor, the NPS will interpret this as a false trigger. The NPS will ignore the affected sensor while leaving all other sensors and triggers active.

Ignition Key Controlled Dome Light

- If dome light control has been installed, every time you stop the engine (Ignition Key Off), the dome light in your vehicle will illuminate.
- When you disarm your security system the dome light will illuminate. When you enter the vehicle and turn On the ignition key, the dome light will go out.


Note: Since this system mimics some factory installed dome light systems in many vehicle brands, the operation may not be noticed.

Anti-Hijacking System (AHS)

The Optional AHS feature is designed to aide in the return of your vehicle due to a Carjack attempt. The AHS cannot prevent a Carjacking attempt by an unauthorized user but it will eventually disable the vehicle so it can safely be recovered by local authorities.

When properly installed, the AHS will prevent your vehicle from running once the engine is stopped. Door entry, starter and ignition triggers stay active after vehicle abduction even if the vehicle battery is disconnected and re-connected.

Arming the AHS

To arm the AHS, enter the vehicle and close all the doors. Turn the ignition key to ON and then press the  button on the CARBINE remote controller for 1 second. The parking lights will flash, and the siren will chirp once. AHS is now armed. Start the engine and drive the vehicle as normal.

At this point, if you are forced from the vehicle, AHS will start a countdown sequence (See AHS triggered Sequence below) once the door is opened and closed.

To turn off the AHS, press the  button before turning off the ignition. The parking lights will flash and the Horn/siren will chirp.

Note: Once the AHS is armed, it remains armed until the user disarms it. Arming and disarming the remote security system does not affect the state of the AHS. The position of the ignition key determines if the system will become triggered when the doors are opened and closed.

- When the ignition key is OFF, the vehicle doors can be opened and closed without triggering the system.
- When the ignition key is ON, opening and closing the vehicle doors will trigger the system.

AHS Triggered Sequence



Once the AHS is triggered, the follow sequence will occur;

- 15 seconds after the door(s) is closed, the LED in the RCC will begin to flash.
- 45 seconds later, the horn/siren will begin to chirp and the parking lights will begin to flash.
- 15 seconds later, the horn/siren chirping will change to a full alarm blast. The parking lights will continue to flash.
- Once in full trigger mode, the siren/horn will blast and the parking lights will flash for 3 minutes and then stop. In this condition, once the ignition key is turned off, the starter disable will become active and the engine cannot be re-started.
- If any attempt is made to re-enter the vehicle and start the engine, the blasting horn/siren and flashing light will start again.


Disarming the AHS

The user should become familiar with the triggering sequence and disarm procedure of the AHS. It is important to recognize what state the system is in in order to disarm it in the case of accidental activation.

The First 60 Seconds

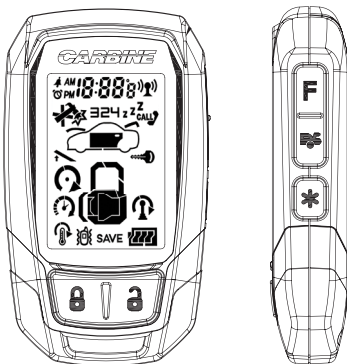
During the first 60 seconds of the triggering sequence (LED on the RCC is flashing), the AHS can be disarmed by turning ON the ignition key and pressing the  button on the CARBINE remote controller. If you happen to be driving the vehicle, simply press the  button on the remote controller. When the AHS is disarmed, the parking lights will flash and the siren/horn will chirp.

After 60 Seconds has Passed

After the first 60 seconds has passed (siren/horn has started chirping or is at full alarm), the  button on the remote control will no longer disarm the AHS system. If you are driving the vehicle in this condition, you should pull the vehicle off the road and park in a safe place

1. Turn ON the ignition key (if the key is already ON, turn it OFF then back ON).
2. Press the valet button on the RCC the pre-programmed number of times required to override your security system (Default setting is (1) time). The system will disarm. The parking lights will flash and the siren/horn will chirp.

LCD Remote Controller Settings and Programming




Enter Settings:

To get into transmitter feature programming mode, press and **hold** the “F” button for 3 seconds. You will hear 2 beeps and the clock display will flash. Follow the instructions enclosed for each setting you want to program or change.












Exit Settings:

To exit any setting mode, push and **hold** the “F” button for 3 seconds or simply do nothing for 15 seconds.

Function	Setting
Daily Clock Display	<ol style="list-style-type: none"> 1. Press the h button to adjust hours. 2. Press the m button to adjust minutes. 3. To exit the clock setting mode, push and hold the “F” button for 3 seconds or simply do nothing for 15 seconds. <p>Note: Adjusting hours will change AM-PM. Adjusting minutes will not.</p>
Alarm Clock Time Setting	<ol style="list-style-type: none"> 1. Press and release the “F” key once. The Alarm icon will display and the display will flash “12:00”. 2. Press the h button to adjust hours. 3. Press the m button to adjust minutes. <p>Note: Adjusting hours will change AM-PM. Adjusting minutes will not.</p>
Alarm Clock On/Off	<ol style="list-style-type: none"> 1. After setting the alarm time, press and release the “F” button. The display will show “OFF”. 2. Press the h button to turn the alarm ON. 3. Press the m button to turn the alarm OFF.
Countdown Timer Setting	<ol style="list-style-type: none"> 1. Press and release the “F” key three times. The timer icon will display and the display will flash “0:00”. 2. Press the h button to adjust hours from 0 - 19. 3. Press the m button to adjust minutes from 0 - 59.
Countdown Timer On/Off	<ol style="list-style-type: none"> 1. After setting the countdown timer time, press and release the “F” button. The display will show “OFF”. 2. Press the h button to turn the timer ON. 3. Press the m button to turn the timer OFF.

Function	Setting
Backlight Brightness Setting	<ol style="list-style-type: none"> 1. Press and release the "F" key five times. "50p" will be displayed. 2. Press the  button to adjust the light level. You have "0p", "50p" and "100p" to choose from. Note: Raising the display brightness to 100p will consume more battery power.



Feature Control:


Feature	Operation	Related Icon
Power Save On/Off	Press and hold "F" then press and release 	SAVE
Melody - Vibrate	Press and hold "F" then press and release 	
Alarm Clock On/Off	Press and hold "F" then press and release 	
Countdown Timer	Press and hold "F" then press and release * 	
Car 1-2 Select	Press and hold "F" then press and hold  +  for 3 seconds	2
Button Lock	Press and hold "F" then press and hold  for 3 seconds	

Pairing a Replacement Remote Control

Your CARBINE system remote controls are already paired to the control module. If you are replacing or adding remotes to your system, they must be programmed (paired) to the control module before they will operate the system. In order to perform remote control pairing, you must know where your “Valet Button is located as you will use the button and the LED indicator to perform the pairing function.

Remote Pairing Procedure

1. Open the driver's door.
2. Insert the ignition key into the key cylinder. Turn ON the ignition key.
3. Press and **release** the valet button then press and **hold** the valet button for 1.5 seconds. The LED flashes and the horn/siren chirps (if connected). Release the valet button. The system is now in pairing mode and will stay in Pairing mode for 60 seconds.
5. Press and **hold** the  button on the new remote control.
6. Press and **release** the  button 5 times.
 - A. The LED on a 4 button transmitter will begin to flash slowly.
 - B. The word (PAIR) will be displayed in the clock area of a 5 button LCD transmitter.

The remote will remain in this state for 15 seconds.
7. Press and **release** the  button on the new transmitter.

The horn/siren chirps 1 long chirp. The new remote is programmed.
8. Turn the ignition key to the Off position. A long chirp from the horn confirms that the pairing mode is off.

Note: Your CARBINE security system will accept codes from up to (4) transmitters.

System Maintenance

Replacing the LCD 2-Way Remote Controller Battery

The CARBINE LCD 2-way remote controllers are powered by a CR2450 Lithium battery. When the battery begins to weaken, the battery life indicator on the LCD screen will display the condition of the battery. When the battery display reaches (1) bar, it is time to replace the battery.



Full



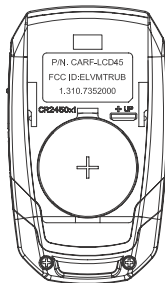
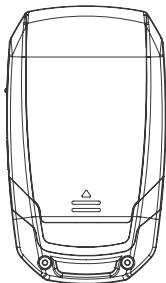
Replace



Empty

To replace the battery, follow the enclosed procedure.

1. Place your thumb on the back of the remote controller and gently push upward on the (see the arrow on the battery cover) battery cover to release it. Remove the cover.
2. Use a pencil to remove the battery from it's holder.
3. Insert the new battery with the (+) pole of the battery facing up.
4. Re-install the battery cover.

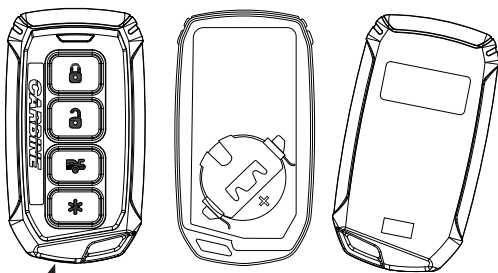


Replacing the 4 Button Remote Controller Battery

The CARBINE remote controllers are powered by a CR2032 Lithium battery. When the battery begins to weaken, the operating range of the remote control is reduced and the LED indicator on the remote will begin to dim.

To replace the battery, follow the enclosed procedure.

1. There is a slot built into the remote case. Use a dime or small flat blade screwdriver to separate the top and bottom cases of the transmitter.
2. Use a pencil to remove the battery from it's holder.
3. Insert the new battery with the (+) pole of the battery facing up.
4. Re-assemble the top and bottom cases and snap them back together.
5. Press the buttons to make sure the LED indicator flashes.



separate here with
dime or small flat blade
screwdriver



GOVERNMENT REGULATIONS

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio

or television, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING! Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

The logo for Carbine, featuring the word "CARBINE" in a bold, blue, italicized sans-serif font with a registered trademark symbol (®) to the right.

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