

OWNER'S MANUAL



CARBINE®

66CSR

REMOTE START with SECURITY & KEYLESS ENTRY SYSTEM

Congratulations

Congratulations on the purchase of this CARBINE keyless entry and remote start 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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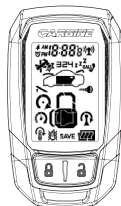
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Remote Configuration

Button	Feature	Comment
	Lock/ Arm	Press and release.
	Unlock/ Disarm	Press and release.
	Panic Alarm On	Press and hold for 1.5 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
or	Panic Alarm Off	Press and release either.
-	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.
+	AUX Ch 5	Press together and hold.
+ *	AUX Ch 6	Press together and hold.
- -	Remote Valet Mode On/Off	Open a door first. Press and release in sequence.
*	Remote Start On or Off	Press and release.

Remote Configuration (continued)

 + 	Timer or Temp Start	Press together and release.
	Arm While Driving	Ignition must be on. Press and hold for 1.0 sec.
 + 	Turbo Timer Activation	Engine Running. Press both then release.
 + 	Car Finder	Press together and release.



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
	Timer start mode is active		Temperature start mode is active
	Siren is active		The panic alarm is active or the alarm is triggered
SAVE	Transmitter battery save mode is active		Melody mode is off, vibrate 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 this feature is programmed on, it 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.

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

Car Finder

The Car Finder feature will help you locate your vehicle by flashing the parking lights.

To Activate the Car Finder feature

1. Press and release the  and  buttons at the same time.
2. The vehicle parking lights will flash (5) times.
3. Repeat the procedure as needed to locate your vehicle.

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. 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.

AUX Output Activation (CH#5)

Depending on your installation, your installer may have connected the channel #5 output to your vehicle. To activate the AUX/CH#5 output, press and **hold** the  +  buttons together.

This action will energize the AUX/CH#5 output for as long as you hold the buttons down. The operation of AUX Channel #5 is programmable. By default, the AUX #5 output will stay active as long as you hold the buttons down.

AUX Output Activation (CH#6)

Depending on your installation, your installer may have connected the channel #6 output to your vehicle. To activate the AUX/CH#6 output, press and **hold** the  +  buttons together. This action will energize the AUX/CH#6 output for as long as you hold the buttons down. The operation of AUX Channel #6 is programmable. By default, the AUX #6 output will stay active as long as you hold the buttons down.

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.
- Parking lights flash fast 9 times.
- Repeat the procedure to turn off the valet mode.
The status LED will be off.
- Parking lights flash slow 9 times.

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's 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.
 - Parking lights flash slow 9 times.

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.

Remote Starting the Vehicle

Warning!

- 1) Never remote start your vehicle when the keys are in the ignition.
- 2) Never start the vehicle unless the transmission is in PARK or NEUTRAL.
- 3) Never start your vehicle while it is inside a building that has minimal ventilation.

1. Make sure the parking brake is set ON.
2. Press and release the ***** one time (or the amount of times programmed by the installer).
3. The parking lights will flash once to confirm the vehicle will attempt to start the engine.
 - Gasoline vehicles will begin the starting procedure 4 seconds after the parking lights flash.
 - Diesel vehicles will begin the starting procedure after the "Wait to Start" timer has expired.
4. Once the vehicle's engine has started, it will run for a pre-programmed period of time (12, 24 or 60 minutes).

Key Takeover:

When you are ready to drive the vehicle

1. Unlock the door using the CARBINE remote control.
2. Enter the vehicle and do not step on the foot brake.
3. Insert the ignition key and turn it to the RUN position.
4. Step on the foot brake. The remote starter will shut off and the parking lights will turn off.
5. Disengage the parking brake and begin driving.

Note 1: If the foot brake is pressed before the ignition key is placed in the RUN position, the remote starter will disengage, and you will have to re-start the engine using the normal starting procedure.

Note 2: If your vehicle uses a Smart Key or PTS (Push To Start) starting system. Step on the brake (the engine will stop) and press the START button to re-start the engine as normal.

Quick Stop Mode:

Your CARBINE remote starter can also keep the engine running during short trips away from the vehicle.

To Enable Quick Stop Mode

1. Park in a well-ventilated area.
2. With the engine running, set the transmission in park and set the parking brake.
3. Press and release the  one time (or the amount of times programmed by the installer).
4. Turn the ignition key off and remove the ignition key.
The engine will continue to run.

Note: If your vehicle uses a Smart Key or PTS (Push To Start) starting system, press the start button once. DO NOT press the foot brake.

5. Exit the vehicle and lock the doors using the CARBINE remote control.

Note: This feature will not work if the foot brake is pressed at any time.

Timer Mode Starting

There are (2) types of timer start modes that can be programmed to perform when activated.

- **Timed Mode.** This mode allows you to keep the engine warmed by starting the engine every (3) hours. After (6) starts, this system will be off.
- **Temp Mode.** This mode checks the ambient temperature inside the vehicle every (3) hours. If the temperature has reached 0 degrees or less, the remote start will start the engine and allow it to run its pre-programmed run time. The inside temperature will be checked again in (3) hours after the remote start run time has completed.

To initiate Timer Mode Starting, press the  +  buttons at the same time then release them.

- The parking lights will flash (4) times.
- The vehicle engine will start.
- Press the  button to shut off the remote starter.
- Timer start mode is now engaged.

To deactivate Timer Start Mode, turn on the ignition key ON or activate any of the remote start safety features (press the brake pedal, release the parking brake, open the hood).

- The parking lights will flash (4) times when timer start mode is deactivated.

Short-Run Turbo Timer Mode:

Short Run Turbo Mode keep the engine running for a short length of time to allow the engines turbo boost system to cool down before stopping the engine.

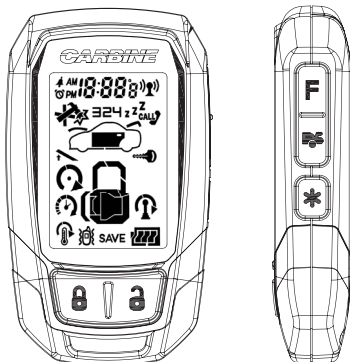
Activate the Turbo Timer Mode

- Stop the vehicle and set the parking brake.
- Press and release the  +  at the same time.
The parking lights will flash.
- Remove the ignition key and exit the vehicle. At this time you can arm the system with the remote controller. Arming will not stop the Turbo Timer Mode.
- The engine will be off after the programmed runtime expires.

Automatic Rear Window Defogger

When this feature is installed, the rear window defogger automatically activates during the remote start procedure. This feature is controlled by the temperature sensor inside the alarm control module. If the ambient temperature of the inside of the vehicle is 55° F or lower, the rear defogger output will activate and turn on the vehicles rear defogger system.

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	1. Press the 8 button to adjust hours. 2. Press the 2 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. Note: Adjusting hours will change AM-PM. Adjusting minutes will not.
Alarm Clock Time Setting	1. Press and release the "F" key once. The Alarm icon will display and the display will flash "12:00". 2. Press the 8 button to adjust hours. 3. Press the 2 button to adjust minutes. Note: Adjusting hours will change AM-PM. Adjusting minutes will not.
Alarm Clock On/Off	1. After setting the alarm time, press and release the "F" button. The display will show "OFF". 2. Press the 8 button to turn the alarm ON. 3. Press the 2 button to turn the alarm OFF.
Countdown Timer Setting	1. Press and release the "F" key three times. The timer icon will display and the display will flash "0:00". 2. Press the 8 button to adjust hours from 0 - 19. 3. Press the 2 button to adjust minutes from 0 - 59.
Countdown Timer On/Off	1. After setting the countdown timer time, press and release the "F" button. The display will show "OFF". 2. Press the 8 button to turn the timer ON. 3. Press the 2 button to turn the timer OFF.

Function	Setting
Backlight Brightness Setting	1. Press and release the "F" key five times. "50p" will be displayed. 2. Press the B 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 B	SAVE
Melody - Vibrate	Press and hold "F" then press and release B	
Alarm Clock On/Off	Press and hold "F" then press and release 	
Countdown Timer	Press and hold "F" then press and release *	
Auto Start	Press and release B + B (See Note below)	 or 
Car 1-2 Select	Press and hold "F" then press and hold B + B for 3 seconds	2
Button Lock	Press and hold "F" then press and hold B for 3 seconds	

Auto Start Note: The Auto Start method (By Temperature or by Time) is decided by the feature programming table 3-14. The Default setting is "TIMER". This can be changed with re-programming. The TEMP icon or TIMER icon will display depending on the programming.

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



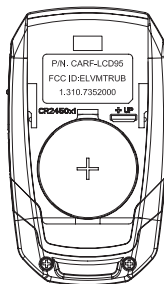
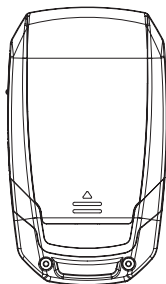
Replace



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.

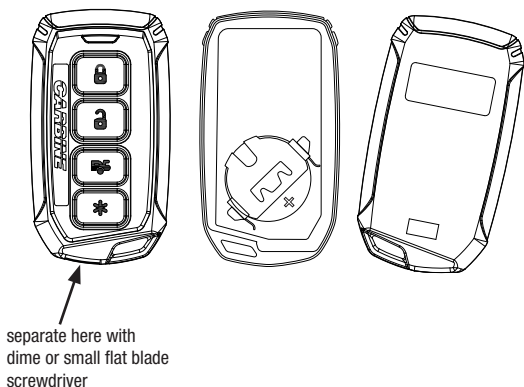


Replacing the 4 Button Remote Controller Battery

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.





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. A registered trademark symbol (®) is located at the top right of the word.

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