



## **E 9**

### **PROFESSIONAL 2-WAY LCD REMOTE CAR STARTER & ALARM SYSTEM**

**With**

**Built in Temperature & Voltage Sensor  
And Two-way Serial Port Data Link**

## **OPERATION MANUAL**

THIS PRODUCT IS DESIGNED FOR PROFESSIONAL INSTALLATION ONLY

Please register your product at [www.encoreautomotivesystems.com](http://www.encoreautomotivesystems.com)

## LCD REMOTE CONTROL TRANSCEIVER:



### A. BATTERY CHANGING:

Depending on the usage, the remote batteries should be changed at least once a year in the one way remote and once every 4-5 months for the two-way remote.

The 1-way remote, (E-9s) is powered by a pair of 3V, CR2016 batteries. These batteries are available at most locations batteries are sold and can be replaced by the user.

#### Battery Level Indicator (2-way remote)

The Battery Level indicator has three level indicators that serve as a visual indication of battery charge. When the battery reaches a low charge level that requires changing, the remote control will generate a single notification chirp, and the Battery Level indicator will flash continuously. If the battery voltage is LOW, the range of the remote will be reduced by 50% to conserve battery life. The two way remote requires 2, 3 Volt CR2032 batteries. The operation lives of these batteries are affected by many factors including, temperature, usage, back-light ON time and programmable "in range status settings". Do not allow these batteries to corrode or become wet for any extended period of time.

### B. STANDARD LCD ICON CONFIGURATIONS:



The lock icon will be displayed when the door locked and the system is armed.



The unlock icon will be displayed when the door unlock and the system is Disarmed.

### PASS

**Sensor Bypass**  
Sensor 1 bypass under Arm mode



**Hidden Alarm Mode**  
The security system arm with hidden alarm function (silent alarm)



**Hood Trigger**  
Hood is illegally opened (Zone 1)



**Trunk Trigger**  
Trunk is illegally opened (Zone 2)



**Door Open Warning**  
Doors are illegally opened (Zone 3)



**Sensor Trigger**  
Trigger on Sensor 1 (Zone 4)



**Ignition Trigger**  
Ignition switch is illegally turned on (Zone 5)



System trigger



**Remote Transmission**  
You are transmitting the signal to control unit



**In – Range Indicator**  
You are within the range of the remote control.



**Anti Car-Jack Mode**  
Activate the anti car-jacking mode

### CHECK

Icon flash under check mode



**Engine Cranking**  
Your vehicle engine Cranking by remote control



**Engine Running**  
Your vehicle's engine is running



**Timer Control Start**  
Engine start automatically every 2 or 3 hours.



**Daily Start**  
Engine start automatically at the same time next day



**Temperature Start**  
Engine start automatically when reach programmed temperature.



**Turbo Timer**  
Turbo timer was set up



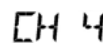
**Manual Gear**  
Engine Start Memorizing for the car with manual gear was set up



**Activate Channel 3 (Trunk Release).**



**Activate Channel 5**



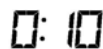
**Activate Channel 4**



**Time Monitor**



**Activate Channel 6**



**Parking Meter**  
Reminder when time is up for parking



**Alarm Clock**  
You have set morning call alarm



**Melody Mode**

Remote Control alert user through melody sound

**Low Battery**

You have to charge the battery of remote control.

**Valet Mode**

Remote start and alarm functions shall be temporarily on hold.

**Vibration Mode**

Remote Control vibrates when the system is triggered

**Count Down Timer**

Reminder when time is up for parking

**OPERATION:****C: REMOTE TRANSMITTER OPERATION:**

Transmitter Button	System Function	Remark
	Lock Doors & Arm System	
	Panic function	Press and Hold for 3 seconds. Press Trunk  button to stop panic function
	Car Locator	Press when in armed mode
-	Arm and Delete The 2 Stage Shock Sensor	Press  twice within 3 seconds. Pass will appear on the remote
-	Arm System and Hidden Alarm Function	Press within 3 seconds and Hold  button
+	Silent Arming / Disarming	Ignition in "off" position.
+	Active Anti Car-Jacking Mode	Ignition in "on" position press and hold for 2 seconds
	Unlock Doors & Disarm System	
-	Two Steps Door Unlock & Disarm System(optional)	Press twice within 3 seconds.
	Trunk Release (Channel 3)	Press and Hold for 2 seconds
-	Passive Arming By-pass	While the system Disarmed.
	Activate or Turn Off The Remote Start	Press button once or  -  Press Twice if set to start safety mode
+	Channel # 4 Timer Output (4)	Optional
+	Channel # 5 Timer Output (5)	Optional
+	Channel # 6 Timer Output (6)	Optional
+	Switching code For 2nd Car Operation.	For regular remote transmitter

**D CHIRP INDICATORS:****PARKING LIGHT:**


Chirp	Function
1 chirp	Arm
2 chirps	Disarm
3 chirps	Defective Reminder
4 chirps	Disarm / Triggered
6 chirps	Car Locator

Parking light	Function
1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / Triggered
12 flashes	Car Locator
Constant On	Under Remote Start



**ALARM OPERATING CONDITION:**

	Siren / Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes		Unlocking		Turns on for 30 -second
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Passive Starter Disable			Fast Flash		Disable	
5. Panic	Alarming	Flashes				Flashes
6. Car-Jacking	Alarming	Flashes			Disable	Flashes
7. Car Locator	6 Chirps	12 Flashes		Locking		

**E. ACTIVE ARMING – LOCK & ARM:**


1. Press  button on the transmitter.
2. The siren will chirp once and parking light will flash once indicating that the system is now armed. The vehicle's doors will lock upon arming if interfaced with the security system.

**DEFECTIVE SENSOR REMINDER:** If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar.



**SILENT ARMING / DISARMING:** Press the transmitter  and  buttons at the same time. This will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

**SENSOR BY-PASS:**

The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

**Sensor By-Pass :** Press the  button two times within 5 seconds will arm the security system and by-pass the shock sensor.

**HIDDEN ALARM FUNCTION: Silent Alarm**

Press the  button first; within 3 seconds press the  button to activate the hidden alarm function. The security system will arm and with “Hidden Alarm Function” The siren / horn will be silenced even if the sensor is triggered in the armed mode. Alarm indication will only appear on the LCD Transmitter.

**F. PASSIVE ARMING (Programmable)**




Active arming / disarming is controlled by your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.

1. Turn the ignition to the “OFF” position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all vehicle entrances are closed.


3. After the 30-second time has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time.

### **PASSIVE ARMING WITH PASSIVE DOOR LOCKING**

The vehicle doors will automatically lock after the passive arming cycle has been completed.


**PASSIVE ARMING BY-PASS:** While the system is disarmed, Press the  button twice, the system will respond with [1] chirp and LED will turn "ON". The security system will remain in this temporary state for as long as you wish. To exit passive by-pass, press the transmitter  or  buttons and the system will return to normal status.

## **G. ACTIVE DISARMING – UNLOCK & DISARM:**

1. Press  button on the transmitter.
2. The siren will chirp twice and the parking lights will flash twice indicating that the security system is now disarmed. The vehicle's doors will unlock and the dome light will turn on for 30 seconds upon disarming. (Note: Power door locks and dome light must be installed with the security system.)

**TAMPER DISARMING:** If the alarm is triggered, upon disarm the system's siren will chirp 4 times, and the parking lights will flash 3 times telling you the alarm has been triggered during the last armed state.

**PATHWAY ILLUMINATION:** When receiving an unlock /disarm signal, this feature will turn the parking lights "ON" for 30 seconds and for 10 seconds upon the lock signal. (Programmable)

**TWO STEPS DOOR UNLOCK (Optional):** This feature will independently unlock the driver's door only when disarming the security system. Pushing the  button a second time within 3 seconds will unlock the other doors.

**AUTOMATIC RE-ARM:** If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

## **H. DISARMING WITHOUT A TRANSMITTER**

**OVERRIDES THE ALARM WITHOUT PASSWORD PIN CODE:** (Factory Default Setting)

**The Override function may be used if the remote transmitter is lost or inoperative.**

1. Enter the vehicle and turn the ignition switch to the 'ON' position.
2. (Alarm will sound.)
3. Within 10 seconds push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

### **OVERRIDE THE ALARM WITH PASSWORD PIN CODE:**

Unlike valet switch that can easily be found and defeated, this security system allows the consumer to program a password pin code offering a higher level of security.

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 5 seconds, enter your chosen first digit code by pressing and releasing the Valet Switch. (When finished above procedures, system's siren will stop alarming, lights will stop flashing, but the vehicle can't be started.)
3. Within 15 seconds of the last digit code enter (the 1st code), then turn the Ignition Switch "OFF" and then "ON".
4. Within 15 seconds, enter your chosen second digit code by pressing and releasing the Valet Switch.
5. Turn the ignition switch "OFF" position. 4 Chirps from siren/horn and 3 flashes from the parking light indicate the system has disarmed.

Note: You must override the alarm within 60 seconds. If not, the system will automatically re-arm.

**EXAMPLE: To Override the System with the Password Code 83,**

1. Enter the vehicle and turn the ignition switch to the 'ON' position.  
(Alarm will sound.)
2. Within 5 seconds, Press and Release the Valet Switch 8 times, (When finished the system's siren will stop alarming, lights stop flashing, but the vehicle cannot be started or driven away.)
3. Within 15 seconds of entering the last digit code enter (the 1<sup>st</sup> code), turn the Ignition Switch "Off" and then "ON".
4. Within 15 seconds, Press and Release the Valet Switch 3 times.
5. Turn the Ignition Switch to the "Off" position. 4 Chirps form siren/horn and 3 flashes from the parking lights will indicate the system has disarmed.

## I. VALET MODE:

### VALET MODE: (System is in Disarm Mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions and remote start functions are bypassed, however, the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual Override sequence.

#### Get into/out valet mode using the ignition key.


Enter Valet Mode:

- a). Under disarm mode, turn the ignition to "ON" position.
- b). Press and hold valet switch for 2 seconds until the LED turns ON solid. The LED will remain on as long as the system is in 'valet mode'.

Exit Valet Mode:






- a). Turn ignition 'ON'.
- b). Push and hold valet switch for 2 seconds, The LED will turn off indicate the system are exiting the valet mode.

## J. CAR LOCATOR

Under armed mode, press the  button to active car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

## K. PANIC FUNCTION:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case of emergency.

1. Press and hold the  button for 3 second. The alarm will immediately sound.
2. During panic mode, the normal function of this transmitter button will be disabled. The transmitter  and  buttons can be used to lock and unlock the door (if the option is installed), however once the  button is pressed, the vehicle's starter disable device, (where installed) will be disengaged allowing the vehicle to start.
3. To stop the alarm, press the trunk  button on the remote control
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

## L. TRIGGER THE SYSTEM

When armed, your vehicle is protected as follows:

Light impact will trigger the warn-away signal.

Heavy impacts / Doors open /(if installed) Hood open / (if installed) Trunk open / Turning on the ignition key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on alerting of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the any one of the sensors or detectors is still active, the alarm system will sound a **maximum of 3 times of 30 seconds cycles.**

**NOISE ABATEMENT CIRCUIT:** Your system has a “Noise Abatement Circuit”. It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental conditions such as thunder, jackhammers airport noise, etc.




Here’s how “Noise Abatement Circuit” works: The alarm triggers five times. Each time, the same sensor or switch has triggered the alarm; the “Noise Abatement Circuit” will interpret this pattern of triggers as a false alarm. After the third trigger, the “Noise Abatement Circuit” ignores, or bypasses, that sensor or switch until a different sensor or switch is trigger.

“Noise Abatement Circuit” covers doors (Hood/Trunk) differently: If the alarm is triggered by an open door for Three full cycles, the doors will be bypassed until the trigger ceases.

## **M. ANTI CAR- JACKING (Programmable)**

**Warning:** If you don't need the carjacking function in this alarm system, be sure to set carjacking feature “OFF”. This systems default setting is “OFF” for all carjacking modes.

### **ACTIVE ANTI CAR JACKING:**

1. When the Ignition is ON press **F** button four times while “**ANTI CAR JACK**” is flashing in the text area, then press  button to activate Anti Car-Jacking mode or Under ignition ON, press and hold the  and  buttons at the same time for 2 seconds. The parking lights will turn on for 1.5 seconds to indicate the system has entered the anti car-jacking mode.
2. Once the system in anti car-jacking mode, the system will be triggered when any door is opened and closed while the ignition is “ON”.

### **PASSIVE ANTI CAR- JACKING: (Programmable)**

It will operate as noted below:

1. Turn the ignition switch to the “ON” position and the system will arm.
2. Once the system is armed, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is “ON”.

### **TRIGGERING THE ANTI CAR -JACKING MODE:**


- A). 50 seconds after the system has been triggered. The siren will start chirping for 15 seconds.
- B). During this 15 second period of chirping, you will be alerted to push the valet switch once to turn off the car-jacking feature. If not, it will enter a second timer for carjacking.
- C). 65 seconds after the system has been triggered, the siren will start sounding and the parking lights will start flashing.
- D). 90 seconds after the system has been triggered,
  1. The siren will sound and the parking lights will flash, and
  2. The starter disable will activate to prevent the vehicle from starting.
  3. It will remain active until the vehicle’s battery power is exhausted.

### **OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:**

Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system disarmed

**Note:** If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.


## **N. SYSTEM’S TRIGGER CHECK (For two-way transceiver operation only)**

Press and hold **F** button of LCD remote until 3 beeps sound , release and re-press **F** button again, the LCD remote will show “**ALARM** “ icon flash on text area (see advanced users mode), then press  button to activate system trigger check.



Note: If the system has no response then you are out of range.

#### **O. SYSTEM'S STATUS CHECK (For two-way transceiver operation only)**

Press **F** button of LCD remote until 3 beeps sound , the LCD remote will show “**STATUS** “ icon flashing in the text area (see advanced users mode), then press  button to activate system status check.

It responds with one melody sound and all vehicles' status records will immediately displayed on the LCD screen.

Note: If it has no response then you are out of range.

#### **P. DRIVER PAGING / LOST & FOUND (For two-way transceiver operation only)**

This feature is useful the event that someone wants to page the driver of the parked vehicle or someone cannot find his LCD remote transceiver.

Under the ignition switch “OFF” condition, press and hold the valet switch for 2 seconds to page the driver, one chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding from the Remote LCD transceiver.

#### **Q. DOME LIGHT CONVENIENCE SUPERVISION (Optional Feature)**

The alarm has a unique feature that will turn on your vehicle dome light as follows:

1. Upon disarming, the interior light will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turning on the ignition switch or arming the alarm will turn off the dome light.

#### **R. IGNITION CONTROL DOOR LOCK/UNLOCK. (Programmable Feature)**



If the vehicles door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned “ON” and /or unlock the vehicle's doors when the ignition is turned “OFF”. (Default setting is “OFF”)

#### **S. TRUNK RELEASE (CHANNEL 3) OUTPUT.**

Press and hold  button on the transmitter for two seconds to remotely control the trunk release.

#### **T. CHANNEL 4.5.6 TIMER CONTROL OUTPUT.**



##### **CHANNEL 4 TIMER CONTROL OUTPUT.**

Press the transmitter  and  buttons at the same time to active Channel 4 function. or

Press and hold **F** button of LCD remote until 2 beeps sound , release and re-press **F** button the LCD remote will show “**CH 4**” **icon flash**, then press  button to activate channel 4 function.

Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)



##### **CHANNEL 5 TIMER CONTROL OUTPUT.**


Press the transmitter  and  buttons at the same time to active Channel 5 function. or

Press and hold **F** button of LCD remote until 2 beeps sound , release and re-press **F** button the LCD remote will show “**CH 5**” **icon flash**, then press  button to activate channel 5 function.




Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)

##### **CHANNEL 6 TIMER CONTROL OUTPUT.**

Press the transmitter  and  buttons at the same time to active Channel 5 function. or

Press and hold **F** button of LCD remote until 2 beeps sound , release and re-press **F** button the LCD remote will show “**CH 6**” icon flash, then press  button to activate channel 6 function. Channel 6 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)

## U. POWER SAVER MODE (Default OFF) \* See advanced user mode

Under Menu mode press  button while “POWER SAVE” icon flash, press  button Power save ON, while the power save mode, the LCD remote transceiver use “0” current to save the battery power. Press  button Power save OFF



Exit: Press any button of the LCD remote transmitter to exit “Power Save Mode”.

## V. POWER ON MEMORY:





This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

## W. SECOND VEHICLE SECURITY OPERATION:





Your 4-button remote transmitter can be utilized to control a second vehicles security system, To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming.

\* For the standard 1 way Transmitter by press button  +  is shift button.

### Standard Transmitter

1. Prior to pushing any button on the transmitter. Press button  +  first on the transmitter.
2. Once button  +  is pressed the LED on the transmitter will illuminate for 3 seconds to indicate the second transmitter pin code has built-in.
3. While the LED is illuminated, press any button on the remote control transmitter to control a second vehicle security system.

### For LCD transceiver – 2<sup>nd</sup> car operation : \* See advanced user mode




- a. Press and hold **F** button of LCD remote for 1 second until 2 beeps sound and then release the **F** button.
- b. The text **MENU** will flash on the LCD screen, press  button to enter the menu.
- c. Press  or  button to move up or down in the menu, find CAR SELECT on the menu.
- d. Press  button to select the option you would like to adjust CAR 1 or CAR 2 for further operation.

**Caution: If the LCD transmitter does not function. Please insure it is set to operate car #1**

**X. Clear the Flash Icon and Melody Sound:** The Transmitter will reset the flashing icons the next time the Ignition is cycled to the ON position.

**Y. Stop The Trigger Melody Sound:** While triggering the alarm the LCD screen will alert the user through a melody sound and a flashing trigger icon. Press any button on the LCD remote transmitter to stop melody sound only.

## Z. Vibration / Melody Mode: (see advanced users menu for more info)

Press and hold the **F** button until 2 beeps are heard. You will see the word **MENU** .Press the trunk button  to scroll through the menu. Scroll to the word “**BUZZER** Vibrate”. When you see the word “Buzzer Vibrate”, press the trunk button once to enter programming. Press the  button to change the setting. (Buzzer, BZ VIB, Vibrate). Once a setting is chosen. Press the  button to confirm.

## WARNINGS:


As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.

1. Keep the transmitter out of children's reach.
2. Do not leave anyone in the vehicle while running on remote control.
3. Alert servicing personnel that the vehicle can be started automatically.
4. Do not start the vehicle by remote while it's in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. The vehicle windows must be rolled up.
7. Should the unit malfunction, disconnect the fuse until the problem is corrected.
8. The use and operations of this system is the sole responsibility of the operator.
9. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.
10. It is not safe to remote start the vehicle if the vehicle is parked on a steep incline.

## REMOTE START OPERATION:

### A. TO REMOTE START THE VEHICLE:


When you want to start your vehicle,


1. Press  button once on the transmitter.
2. The parking light will activate to indicate the remote start received the signal.
3. The engine will start in approximately 5 seconds.
4. Once the engine is running, after couple seconds the parking lights will turn on and the climate controls will activate and adjust the vehicle's interior temperature to your preset setting. (While the vehicle is running, the "minutes" digit on the LCD screen will flash and the will indicate countdown timer based on the 5, 10, 20 or 30 minute run time set up by your installation center.)
5. The vehicle will run for a programmable 5 to 30 minute cycle before shutting down. (When the unit shuts off the countdown timer will turn off and the transmitter will play a melody.)

**NOTE: The Remote Start Unit will not start the vehicle if any one of the following conditions exists:**

1. The hood is opened.
2. The brake pedal is pressed.
3. The optional remote start enable toggle is switched to the "OFF" position. (If installed)
4. The gear selector is in any gear other then "PARK" or "NEUTRAL".

### SAFE START (Child safety mode)

Factory default is set to press the  button once on the transmitter to start the vehicle. You can program this feature to eliminate an accidental remote start:

1. The user presses the transmitter  buttons twice within 3 seconds to start the vehicle. or

**NOTE: Contact your installing dealer to activate this feature.**

### B. OPERATE THE VEHICLE WHILE RUNNING FROM THE REMOTE START:


To operate the vehicle while the engine is running from the remote start,

1. Insert the ignition key and turn it to "ON" (not the start) position.
2. Press the brake pedal.

Note: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

## C. TEMPORARY STOP FEATURE:




This feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate control on.

1. Before turning off the engine, press the  button once on the transmitter and the LED indicator will flash 3 times to confirm enter.
2. Turn the ignition key to OFF position. (The engine will stay running.)
3. The engine will run until the pre-programmed time elapsed or shutdown input is received.

## D. TURBO CHARGE MODE:

Turbo charger mode keeps the engine running after arriving at your destination for a programmable period of 1, 3 or 5 minutes, This allows the vehicle's engine time to conveniently cool down the turbo after you have left the vehicle.

To activate:

1. While the engine is running, pull up the hand brake and place the transmission gear in the park position.
2. Before turning off the engine, press and release  and  buttons at the same time.
  - The LED will flash indicating the remote start has entered the turbo charger mode  appear on LCD remote.
3. Take the "Ignition Key" from the key cylinder.
  - Engine keeps running. --
4. Exit and secure the vehicle.
  - Engine continues running until the pre-programmed time elapsed. --




**NOTE: This feature only applies to vehicles with Turbo Charged Engines.**

## E. TIMER START:

This unit can be programmed to start and run the engine every 3 hours or punctually at the same time next morning, the engine will run for the programmed running time and then shut down.



**IMPORTANT: Timer Start should be used only in open areas, never start and run the vehicle in on enclosed space as a garage or carport. Please be sure you fully understand this feature before use.**

**Enter timer start:**


1. Ignition ON => OFF within 15 seconds Press  button first, within 3 seconds press  button.
2. 3 Hours Timer Start: The parking light will flash (3) times /  icon appear. The siren or horn chirps (3) times. The vehicle is now programmed to start every 3 hours.

**Daily Timer Start:** The feature is very useful for the driver who wants to run the vehicle punctually at the same time next morning. Before set-up of the "Daily Timer Start", you should set you time for engine start.( see Timer Setting / Timer set-up for "Daily Timer Start, in Advanced users Mode) **Please insure that you fully understand this feature before programming the timer start mode.**

Enter : Ignition ON => OFF, within 15 sec.


1. Press and hold " F " button until 3 beeps (you are enter table 3 feature option),
2. Press and release " F " button 4 times see  flash on LCD display,
3. then press  button to activate Daily Start.

**Cancel timer start:**

1. Turn the ignition on. The LED and parking light will flash (4) times. The horn chirps (4) times. or
2. Press the  button twice to remote start the vehicle.


## F. TEMPERATURE CHECK

With the built in temperature sensor you can monitor, Through the LCD screen, the present indoor temperature of the passenger compartment of your vehicle.

Press and hold the transmitter “**F**” button first until 3 chirps are heard. Then press the **F** Button **three** more times so that **TEMP** appears on the remote. Within 3 seconds press  button; the in-door temperature will be shown on the LCD screen. This reading may be higher than actual ambient temperature due to the greenhouse effect and is relative only to the inside vehicle temperature.


### **G. TO TURN OFF THE REMOTE START:**

When the engine is running (by remote start), if you want to stop it,

1. Press  button once on the remote transmitter under the remote start mode.
2. Move the optional remote start enable toggle switch to OFF position. (If installed)
3. **Press the brake pedal**  
The vehicle will shut down and turn off the parking light to indicate the engine has stopped.

### **H. SHUT-DOWN INPUT FOR REMOTE STARTER:**

If any of the following conditions exist while the system is operating, the engine will not start or will shut down immediately:

1. The hood is opened.
2. The brake pedal is pressed.
3. The parking (hand) brake is released (For Turbo Timer Mode)
4. Engine is over-revved. {"Tachometer checking type" only}
5. The pre-programmed run time (5 /10 / 20 / 30 minutes) has elapsed.
6. Press  button on the remote transmitter under remote start mode.
7. The system trigger.
8. The vehicle refused to start running after {3} unsuccessful attempts.




### **I. DISABLING THE REMOTE START SYSTEM: (If installed)**

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the OFF position.


## **ADVANCED USER'S MODE:**

### **LCD REMOTE TRANSCEIVER OPERATION:**

**Enter:** Press and hold **F** Button until beep sound respond from LCD transceiver indicate into table 1 – 5 as below.

**Exit:** Press the ,  or  button to exit this mode.

**Table 1: ONE beep to confirm (Press & hold “ F “ button until 1 Beep is heard)**

F Button	LCD Display	🔔 Button
Press once	Backlight turns on for 5 seconds	
Press twice within 5 seconds	<b>PASS</b> and <b>PASS</b> icon flashing	Press 🔔 button to arm the alarm and bypass the sensor 1.
Press three times within 5 seconds	<b>HIDDEN ALARM</b> and <b>X▶</b> icon flashing	Press 🔔 button to arm system and with Hidden Alarm Function.
Press four times within 5 seconds	<b>ANTI CAR- JACK</b> and  icon flashing	Ignition in "on" position press and hold 🔔 button for 2 seconds to activate anti carjacking functions.

**Table 2: TWO beeps to confirm (Press & hold “ F “ button until 2 Beeps is heard)**

F Button	LCD display	🔔 Button
Press and hold the <b>F</b> Button for 2 second until 2 beeps sounded	<b>MENU</b> flashing	Press 🔔 button to enter the menu mode
Press one more time within 5 seconds	<b>CH 4</b> flashing	Press 🔔 button to activate channel 4 function
Press twice within 5 seconds	<b>CH 5</b> flashing	Press 🔔 button to activate channel 5 function
Press three time within 5 seconds	<b>CH 6</b> flashing	Press 🔔 button to activate channel 6 function

**Table 3:THREE beeps to confirm(Press & hold “F” button until THREE Beeps are heard)**

F Button	LCD display	🔔 Button
Press and hold the <b>F</b> Button for 3 second until 3 beeps sounded	<b>STATUS</b> and <b>CHECK</b> icon flashing	Press 🔔 button to check the Vehicle Status.
Press ONE more time within 5 seconds	<b>ALARM</b> and <b>CHECK</b> icon flashing	Press 🔔 button to check the system trigger condition.
Press TWO more times within 5 seconds	<b>Voltage</b> and <b>Check</b> icon flashing	Press 🔔 button to check the Vehicle Battery condition.
Press THREE more times within 5 seconds	<b>TEMP</b> and <b>CHECK</b> icon flashing	Press 🔔 button to check the Interior Temperature of the vehicle
Press Six more times within 5 seconds	Start timer and <b>DAILY START</b> icon flashing	Press 🔔 button to activate or cancel daily start.

**Table 4: FOUR beeps to confirm (Press & hold “F” button until 4 beeps are heard)**

<b>F</b> Button	LCD display	Button
Press and hold the <b>F</b> Button for 4 second until 4 beeps sounded	<b>DEMO</b> mode	Press  button to activate Backlight will be ON until DEMO operation end.

**Table 5: Do-Re-Mi sounds to confirm**

<b>F</b> Button	LCD display	Button
Press and hold the <b>F</b> Button for 6 second until Do-Re-Mi sounded	<b>DEFLT</b> flashing	Press & hold  button for 2 seconds to back to default setting and 1 chip for confirm

#### D. PROGRAMMING LCD REMOTE (Transmitter Manual mode):

##### Selecting and Adjusting Menu options:

- Press and hold **F** button for 1 second until 2 beeps sound, then release the **F** button.
- The text **MENU** will flash on the LCD screen, press button to enter the menu.
- Press button to move up in the menu or button to move down in the menu.
- Press button to select the option you would like to adjust.
- Press button to increase the value, to activate or deactivate a function or to toggle through the selection.
- Press button to decrease the value, to activate or deactivate a function or to toggle through the selection.
- Press button to move to the next sub-option or go back to the main menu.
- **EXIT:** Press button to exit the menu mode.

Trans mode	Menu Option	LCD display	Functions
1	<b>Parking Menu</b>	PARK METER	<b>Default is OFF</b>
	- Parking hours	<b>0:30</b> <i>0 is flashing</i>	,  - Adjusts parking hour (value from 0 to 2).
	- Parking minutes	<b>0:30</b> <i>30 is flashing</i>	,  - Adjusts parking minute (value from 0 to 59).
	- Toggle Parking countdown	<b>P--ON</b> + <i>or</i> <b>P--OFF</b>	- Enables parking countdown. There is a beep 5 min. before the Parking countdown reaches 0. - Disables parking countdown.
2	<b>Second Vehicle Operation Menu</b>	<b>CAR SELECT</b>	<b>Default is CAR 1</b>
	- Car Select	<b>CAR 1 or CAR 2</b>	- CAR 1 operation. - CAR 2 operation.
3	<b>Clock Menu</b>	<b>CLOCK</b>	<b>Default is 12:00</b>
	- Clock hours	<b>12:00AM</b> 12 is flashing	,  - Adjusts clock hour from 0 to 12

	- Clock minutes	<b>12:00AM</b> 00 is flashing	,  - Adjusts clock minute from 0 to 59
4	<b>Alarm Clock Menu</b>	<b>ALARM CLOCK</b>	Default is <b>OFF</b>
	- Alarm hours	<b>12:00AM</b> 12 is flashing	,  - Adjusts alarm clock hour from 0 to 12
	- Alarm minutes	<b>12:00AM</b> 00 is flashing	,  - Adjusts alarm clock minute from 0 to 59
	- Toggle alarm	<b>ON</b> +  or <b>OFF</b>	- Enable alarm clock or - Disable alarm clock
5	<b>Confirmation Menu</b>	<b>BZZZER</b> <b>VIBRTE</b>	Default is <b>BZZZER</b>
	- Toggle BZ VIB	<b>BZZZER</b> +  or <b>VIBRTE</b> +  or <b>BZ VIB</b> +  +	,  - Buzzer or Vibration
6	<b>Button Lock Menu</b>	<b>BUTTON LOCK</b>	Default is <b>OFF</b>
	- Toggle button lock	<b>ON</b> <b>OFF</b>	- button lock / Disable the transmission function temporarily - button unlock / Enable the transmission Function.
7	<b>Power Save Menu</b>	<b>POWER SAVE</b>	Default is <b>OFF</b>
	- Toggle power save	<b>ON</b> <b>OFF</b>	- While the power save mode, the LCD remote transceiver uses "0" current to save the battery power. - Power save OFF <b>Exit:</b> Press any button of the LCD remote transmitter to exit the "Power Save Mode".
8	<b>Daily Start Timer Setting</b>	<b>DAILY START</b>	Daily Start Time Adjust Only (ex. 7:30AM)
	- Daily Start Hour	<b>7:30AM</b> 7 is flashing	,  - Adjusts clock hour from 0 to 12
	- Daily Start Minute	<b>7:30AM</b> 30 is flashing	,  - Adjusts clock minute from 0 to 59

**To Exit: Do not push any buttons for 15 seconds**



## ENCORE LIMITED LIFETIME WARRANTY PROVISIONS

( U.S. ,Continental U.S. and Canada Only)


1. Encore Automotive Systems LLC. WARRANTS that this new unit has been thoroughly inspected and tested at the factory prior to delivery. Your Encore equipment is guaranteed for “life” to the original purchaser/user of the equipment and the original vehicle in which it was installed by an authorized installer under the following conditions: If the product proves defective (according to Encore’s testing) within the first year, the defective unit may be exchanged or repaired free of charge. “Proof of Purchase” (dated sales receipt) must accompany all warranty returns; **otherwise, your return will be rejected and sent back.** After one (1) year, the purchaser should ship the unit prepaid to Encore with a money order in the amount of \$30.00 to cover shipping and handling charges. **Note:** The product needs to be registered online at time of installation. To register this product go to, [www.encoresautomotivesystems.com](http://www.encoresautomotivesystems.com) .
2. Exclusion to the Limited Lifetime Warranty Provision: All two-way LCD and two-way OLED remote transceivers are excluded from the Limited Lifetime Warranty noted in paragraph no.1. All two-way LCD and two-way OLED remote transceivers are guaranteed to the original purchaser for a period of one year from date of purchase. If the product proves to be defective within the first year, the defective unit may be exchanged or repaired free of charge. All other provisions stated on this card apply.
3. This WARRANTY will be considered void if the equipment has been misused, neglected, improperly serviced or installed, altered, dropped or damaged by water, contrary to the Encore OPERATIONS MANUAL. Or, if used with accessories not approved by Encore, which may have contributed to the defect. **See note below regarding product installation\*\*.**
4. The purchaser’s remedies under this WARRANTY shall be limited to the repair or replacement of electronic components only. **THE FOLLOWING IS NOT COVERED:** Damages or deterioration to cases, batteries, covers and cabinets; the cost of repairs, replacement and labor of which shall be borne by the purchaser even if occurring during the WARRANTY period.
5. Any equipment or parts which are claimed to be defective under this WARRANTY must be sent to the Encore Service center with “**proof of purchase**” at the purchaser’s expense prior to such return, a Return Authorization Number needs to be obtained. Encore will return the equipment, charges prepaid. Warranty Service can be provided through the dealer where the equipment is originally purchased.
6. Any unexpired WARRANTY shall be applicable to equipment and parts in the possession of the original purchaser only.
7. THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
8. Encore shall not be liable, under the foregoing WARRANTIES or otherwise, for: Any personal injury or property damage of any kind to the purchaser or property, its employees or agents or anyone else whomsoever resulting directly or indirectly from the use or presence of the equipment or parts; Consequential damages of any kind; any inability of the purchaser to use the equipment.

**\*\*IMPORTANT NOTE:** Any damages resulting from an installation performed by anyone other than a professional installation technician authorized by Encore will void the product's Limited Lifetime Warranty.

**It is the purchaser's responsibility to register this product for any future warranty service.**

**Warning: Some batteries may contain Perchlorate**

*What is Perchlorate?* Perchlorate is both a naturally occurring and manmade contaminant increasingly found in groundwater, surface water and soil. Most perchlorate manufactured in the U.S. is used as an ingredient in solid fuel for rockets and missiles. In addition, perchlorate-based chemicals are also used in the construction of highway safety flares, fireworks, pyrotechnics, explosives, **common batteries**, and automobile restraint systems. Perchlorate contamination has been reported in at least 20 states. Perchlorate greatly impacts human health by interfering with iodide uptake into the thyroid gland. In adults, the thyroid gland helps regulate the metabolism by releasing hormones, while in children; the thyroid helps in proper development. Perchlorate is becoming a serious threat to human health and water resources. **"Perchlorate Material – Special handling may apply."** For more information, go to <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/>

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Email us at [Customerservice@encoreautomotivesystems.com](mailto:Customerservice@encoreautomotivesystems.com)  
Thanks for your purchase!