



E 4

PROFESSIONAL 2-WAY LCD REMOTE ALARM SYSTEM

OPERATION MANUAL

THIS PRODUCT IS DESIGNED FOR PROFESSIONAL INSTALLATION ONLY

Please register your product at 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-7s) 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.



Driver paging
Someone is paging you in your vehicle



Valet Mode
Remote start and alarm functions temporarily disabled



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.



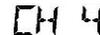
Anti Car-Jack Mode
Activate the anti car-jacking mode



Button Lock (icon on)



Activate Channel 3 (Trunk Release).



Activate Channel 4



Time Monitor



Alarm Clock
Alarm clock set.



Parking Meter
Reminder when time is up for parking



Pressing the Star and trunk buttons together Briefly will turn ON the transmitter backlight



Low Battery
You have to charge the battery of remote control.

OPERATION:

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
+	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.
+	Channel # 4 Timer Output (4)	Optional
+	Channel # 5 Timer Output (5)	Optional
+	Turn ON the backlight	Two-way remote

CHIRP INDICATORS:

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

PARKING LIGHT:

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		
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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.

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.
1. To stop the alarm, press the trunk  button on the remote control or press the lock button for 3 seconds.
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. 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 & hold  + * button of LCD remote until 1 beep sound, press  button (see LCD Remote manual Table 1) to activate system trigger check.

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

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

Press & hold  + * button of LCD remote until 1 beep sound , press  button (see LCD Remote manual Table 1) to activate system trigger check. Note: If it has no response then you are out of range.

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 switch on the antenna 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.

CHANNEL4 TIMER CONTROL OUTPUT:

Press the transmitter  and  buttons at the same time to active 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.

CHANNEL5 TIMER CONTROL OUTPUT:

Press the transmitter  and  buttons at the same time to active 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.

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.

ADVANCED USER’S MODE:

LCD REMOTE TRANSCEIVER OPERATION:

Transmitter button	LCD	Feature & remark
Press  + 		Backlight turns on for 3 seconds
Press & Hold  +  for 2 seconds (until 1 chirp is heard)	U 01	Press & Hold  +  for 2 seconds (chirp one time) LCD display show U: 01 = enter 1 programming of LCD Remote
Press  button		Press  button = check the vehicle’s status.
Press  button		Press  button = check the system trigger condition
Press  button		Press  button = check the vehicle’s temperature.
Press  button		PRESS  button FOR OPTION OF CAR 1 / CAR 2
Press & hold  button for 2 sec.	 IGN on = Button Lock	Press & hold  button for 2 sec. Button Lock On (1 beep) / Off (2 beep, default = Off)
Press & hold  button for 2 sec.		Press & hold  button for 2 sec. Vibrator or Melody mode selection (default = Melody)
Press & hold  button for 2 sec.		Press & hold  button for 2 sec. Fast Count Down Timer (Off / 10m/ 20m/30m/1HR / 1.5HR / 2HR)
Press & hold  button for 2		Press & hold  button for 2 sec. Button Beep Sound

sec.		mode Enable (1 beep) / Disable (2 beeps, default = disable)
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Table 2: two beeps to confirm

Transmitter button	LCD Display	System feature & remark
Press & hold button  + * for 3 seconds (Two chirps will be heard)	 12 is flashing	clock time adjust * or  button to decrease or increase “Hour” digit, adjust hour from 0 to 12. Complete adjust “Hour,” Press  button.
	 00 is flashing	* or  button - Adjusts clock “Minute” from 0 to 59. Press  button complete clock setting.
Alarm Clock adjust	 12 is flashing	* or  button to decrease or increase “Hour” digit, adjusts clock hour from 0 to 12. Complete adjust “Hour,” Press  button.
	 00 is flashing	* or  button - Adjusts clock “Minute” from 0 to 59. Press  button complete Alarm clock setting.
Count Down Timer setting	 0 is flashing	* or  adjust parking “Hour” (value from 0 to 2). Complete adjust “Hour,” Press  button.
		* * or  adjust parking “Minutes” (value from 0 to 30). Press  button complete count down timer setting.
Press & hold button  + * for 5 seconds (chirp x 3)	Full battery icons flash 	Power Save mode : ON ? OFF LCD remote transceiver uses “0” current to save the battery power.

Exit: Press  + * buttons or not press any button within 10 seconds, it will exit remote programming mode automatically.

Low Battery Indication:

When the power of the battery weakens, it has two short “bi” sound and flash  icon while pressing the button of the LCD screen transceiver.

Stop The Trigger Melody Sound: While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transmitter to stop melody sound only, the remote control buttons will not send a command to the system.

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 .
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

Thanks for your purchase!