ALERT

Owners Manual

www.alertautomotive.com

750R LCD

INSTALLATION TIPS AND ACCESSORIES

For most vehicles we have a T-Harness available to make remote starter installation quicker and easier. To order call 800-659-0764 or visit us online at www.directwholesale.net.

Additional remote transmitters can be purchased through direct wholesale at www.directwhole-sale.net.

Your Alert remote starter is equipped with an interactive install cd and installation kit. The kit will consist of a computer friendly test light, wire ties and a roll of tape. Use only the computer friendly test light or volt meter when testing and probing wires.

For Technical assistance www.alertautomotive.com can provide a detailed wiring diagram for your vehicle including additional helpful install tips.

JBS Technologies
225 Technology Way
Steubenville, OH 43952

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. Do not start the vehicle by remote while the standard transmission vehicle is parked at a steep place.

TABLE OF CONTENTS

A. REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
🔒	Lock Doors & Arm System	
🔒 – 🔒	Arm and Delete the 2 Stage Shock Sensor	Press twice within 3 seconds
🔒 – 🔒 – 🔒	Arm and Noiseless Mode	Press within 3 seconds
🚗 – 🔒	Arm System and Hidden Alarm Function	Press within 3 seconds
🔒	Car Locator	Upon Armed
🔒 (3-seconds)	Panic function	Press and Hold for 3 seconds
🔒 + 🔓	Silent Arming / Disarming	Ignition in "off" position
🔒 + 🔓 (2-seconds)	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	Press twice within 3 seconds
🚗 (2-second)	Trunk Release (Channel 3)	Press and Hold for 2 seconds
🚗 – 🚗	Passive Arming By-pass	While the system Disarmed
🚗 – 🚗 – 🚗	Remote Control Entry/Exit Valet Mode	While the system Disarmed, Press within 3 seconds
✳ – ✳	Activate or Turn Off the Remote Start	Press twice within 3 seconds
🔒 + 🚗	Channel # 4 Timer Output	
🔓 + 🚗	Channel # 5 Timer Output	
✳ + 🚗	Channel # 6 Timer Output	

B. 2-WAY LCD REMOTE CONTROL TRANSCEIVER OPERATION ONLY:

Transceiver Button	System Function	Remark
F – 🔒 (C)	System's Trigger Check	Press within 3 seconds

F – F – 🔒 (C)	System's Status Check	Press within 3 seconds
F – 🚗 (🌡)	Monitor Indoor Temperature	Press within 3 seconds
F – ✳ (⏱)	Daily Timer Start	Press within 3 seconds
F (1 second)	LCD screen lamp turns on for 5 seconds	Press and hold for 1 seconds
F – F – F	Clear the Flashing Icon and Melody Sound on the LCD Screen Transmitter	Press within 3 seconds

C. LED INDICATORS

LED	Status	LED	Status
Off	Disarmed		Zone 1 / Warn-Away Trigger
Slow flash	Armed	2 flashes... pause	Zone 2 / Trigger on Trunk/Hood
Flash	Passive Starter Disable	3 flashes... pause	Zone 3 / Trigger on Door Switch
Fast flash	Passive arming	4 flashes... pause	Zone 4 / Trigger on Shock Sensor
On (solid)	Valet mode	5 flashes... pause	Zone 5 / Trigger on Ignition Switch
Pause On	Password Lock-Out		

D. CHIRP INDICATORS

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
3 chirps	Ajar Warning
4 chirps	Disarm/Triggered
6 chirps	Car locator

E. PARKING LIGHT

Parking Light	Function
1 flash	Arm
2 flashes	Disarm
3 Flashes	Disarm/Triggered
12 flashes	Car locater
Constant On	Under Remote Start

F. SYSTEM OPERATING CONDITION:

	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		Un-locking		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		

G. ACTIVE ARMING - ARM & LOCK:

1. Press 🔒 button on the transmitter.

2. The horn will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.

Clear The Flashing Icon: Press the **F** button 3 times within 3 seconds will clear the flashing icon on the LCD screen transceiver.

AJAR WARNING: 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 will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

System Arm	Door Ajar	Trunk/Hood Ajar
🔒 ARM 8:30	🔓 ARM 8:30	🔓 ARM 8:30
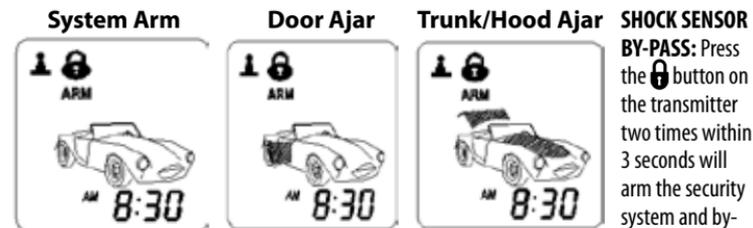
SHOCK SENSOR BY-PASS: Press the 🔒 button on the transmitter two times within 3 seconds will arm the security system and by-pass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

NOISELESS MODE: Press button 🔒 once the siren chirps once, The system is armed.

Press the 🔒 button twice more within 3 seconds: The siren chirps once again, the system is now in Noiseless mode, On this mode trigger the zone 4 shock sensor, the trigger timer will reduced from 30 seconds to 15 seconds.

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

PASSIVE STARTER DISABLES: This security system is equipped with an optional Passive Starter disable feature, the purpose of the feature is to protect the vehicle from being stolen at all times, regardless of whether or not the alarm is armed.

The starter of the vehicle will be disable 60 seconds after the ignition is turned off. Once the key is turned off, the LED will flash fast for 60 seconds.

After 60-second timer has elapsed, the LED will flash slowly (one-half its normal armed rate) to indicate the passive starter disable is activated and the system will not respond to any trigger input except the ignition trigger.

HIDDEN ALARM FUNCTION: 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 status.

H. PASSIVE ARMING

Active arming / disarming is controlling 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 the vehicle all entrances are closed.

3. After 30-second timer 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 passive arming cycle has been completed.

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

I. ACTIVE DISARMING - UNLOCK & DISARM:

1. Press 🔓 button on the transmitter.

2. The horn will chirp twice and parking light will flash twice to indicating that the security system is now disarmed. The vehicle doors will unlock and dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

System Disarm	Doors Trigger	Trunk/Hood Trigger	Shock Sensor Trigger	Ignition Trigger
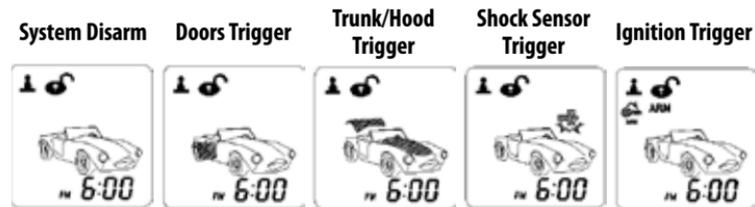
CLEAR THE FLASH ICON: Press the **F** button 3 times within 3 seconds will clear the fash icon on the LCD screen transceiver.

TAMPER DISARMING: If alarm triggered, upon disarm the system, siren chirp 4 times, parking light flash 3 times.

PATHWAY ILLUMINATION This feature turns the parking light "ON" for 30 seconds upon an unlock signal and for 10 seconds upon the lock signal.

TWO STEP DOOR UNLOCK: This feature will independently unlock the drives door only when disarming the security system. Pushing the 🔓 button on the transmitter a second time within 3 seconds will unlock the entire vehicle.

AUTOMATIC RE-ARM (See Feature **"I - 2"** Programming): If this feature is selected, the security system will automatically re-arm itself 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

J. DISARMING WITHOUT A TRANSMITTER

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

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)

2. 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:

If the valet switch easily 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 the first digit code by pressing and releasing the Valet Switch.
3. (When finished above procedures, system's siren stop alarming, parking light stop flashing, but the vehicle cannot be start and drive away.)
4. Within 15 seconds of the last digit code enter (the 1st code), turn the Ignition Switch "OFF" and then "ON".
5. Within 15 seconds, enter your chosen of the second digit code by pressing and releasing the Valet Switch.
6. Turn the ignition switch "OFF" position. [4] Chirps form siren/horn, [3] flash from parking light to indicate the system was 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, you would;

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 5 seconds, Press and Release the Valet Switch 8 times
3. (When finished above procedures, system's siren stops alarming, parking light stop flashing, other sensor stop trigger, but the vehicle can not be start and drive away.)
4. Within 15 seconds of the last digit code enter (the 1st code), turn the Ignition Switch "Off" and then "ON".
5. Within 15 seconds, Press and Release the Valet Switch 3 times
6. Turn the Ignition Switch to "Off" position. [4] Chirps form siren/horn, [3] flash from parking light to indicate the system was disarmed.

K. VALET MODE: (System in Disarm or Valet 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 function is 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 you remote transmitter, or by operating the Manual override sequence.

Enter Valet Mode: **Remote Door Lock**

1. From the disarmed condition, turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED wills remain on as long as the system is in 'valet mode'.

Exit Valet Mode: **Remote Door Un-Lock**

1. Return to normal operation, turn ignition 'on'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicating the system is exiting the valet mode.

REMOTE VALET: (System in Disarm or Valet mode)

Press and release 🚗 button on the transmitter three times within 3 seconds to enter / exit valet mode. A parking flash to confirm enters valet mode and two parking lights flashing to confirm exit valet mode.

L. CAR LOCATOR

Press the 🔒 button to activate the car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

M. PANIC FUNCTION:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case 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 suspended. The 🔒 and 🔓 buttons can be used to lock and unlock the doors (if the option is installed), however once the 🔓 button is pressed, the vehicle's starter disable device, (where installed) will be disabled allowing the vehicle to start.

3. To stop the alarm, press and hold the 🔒 or 🔓 button on the transmitter again for 3 seconds. Also if any transmitter button other than 🔒 or 🔓 button is pressed and released, the panic mode will be turned off immediately.

4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

N. TRIGGER THE SYSTEM

When armed, your vehicle is protected as follows:

1. Light impact will trigger the warn-away signal.

2. Heavy impacts / Doors open / Hood open / Trunk open / Turn 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 to alerting of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the one of sensors or detectors still activate, the alarm system will sound a maximum of 6 times of 30 seconds cycles.

Trunk/Hood Trigger	Door Trigger	Shock Sensor Trigger	Ignition Trigger	Warn-Away Trigger
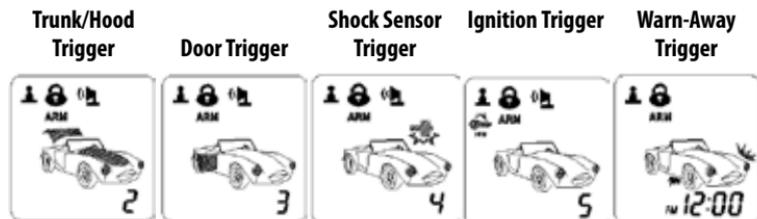
STOP THE MELODY SOUND ONLY: While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transceiver to stop melody sound only

CLEAR THE FLASH ICON AND MELODY SOUND: While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press the F button 3 times within 3 seconds will clear the flash icon and stop melody sound on the LCD screen transceiver.

NOISE ABATEMENT CIRCUIT: You system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental condition 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 is triggering the alarm. "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the fifth trigger, "Noise Abatement Circuit" ignores, or bypasses, that sensor or switch until the other sensor or switch is trigger.

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

O. ANTI CAR- JACKING
Warning: If you don't need the anti car jacking function in this alarm system, be sure to set car jacking feature "OFF". This system is default setting all car-jacking "OFF".

ACTIVE ANTI CAR JACKING:

1. Press and hold the transmitter 🔒 and 🔓 buttons at the same time for 2 seconds while the vehicle's ignition is ON. The parking lights will turns on for 1.5 seconds to indicate the system enters the anti car-jacking mode.

2. Once the system is in the anti car-jacking mode, If you are forced from the vehicle, the system will be trigger when the door is opened and closed while the ignition is "ON".

PASSIVE ANTI CAR- JACKING:

1. Turn the ignition switch to "ON" position; the system enters the anti car-jacking mode.

2. Once the system is in the anti car-jacking mode, If you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

TRIGGER 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 seconds period of chirping, you will be alerted to push the valet switch once to turn off the anti car-jacking feature. If not, it will enter second timer car jacking.

c). 65 seconds after the system has beer triggered. The siren starts alarming and the parking light starts flashing.

d). 90 seconds after the system has been triggered
   1. The siren still alarming and the parking light flashing, 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.

P. SYSTEM'S TRIGGER CHECK
(For two-way transceiver operation only)
Press the transceiver **F** button first, within 3 seconds press 🔒 **(C)** button. It responds with one melody sound and all trigger's records will immediately displayed on the LCD screen.
Note: If it has no responds then you are out of range.

Q. SYSTEM'S STATUS CHECK
(For two-way transceiver operation only)
When you want to check the system's present status through the LCD screen, Press the transceiver **F** button twice, within 3 seconds press 🔒 **(C)** button. It responds with one melody sound, the LCD screen should be illuminated.

R. DRIVER PAGING
(For two-way transceiver operation only)
It is useful the event that someone wants to page the driver of the parked vehicle. 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 you Remote LCD transceiver and "[CALL]" indication flashes on the LCD screen.

S. DOME LIGHT CONVENIENCE DELAY & SUPERVISION
Upon disarming, the interior lights will remain on for 30 seconds. Note: Turn ON the ignition switch or arm the alarm will turn off the dome light.

T. IGNITION CONTROL POWER DOOR LOCK/UNLOCK
If the vehicles door locks have been interfaced to the 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".

U. TRUNK RELEASE (CHANNEL 3) OUTPUT
Press and hold the 🚗 button on transmitter for two seconds to remote control the trunk release or other electric devices.

V. CHANNEL 4 TIMER CONTROL OUTPUT
Press the transmitter 🔒 (4) and the 🚗 (4) 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 interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)
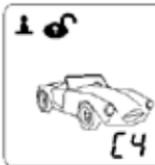
W. CHANNEL 5 TIMER CONTROL OUTPUT
Press the transmitter 🔓 (5) and 🚗 (5) buttons at the same time to active Channel 5 function. Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)

X. CHANNEL 6 TIMER CONTROL OUTPUT
Press the transmitter ✳ (6) and 🚗 (6) buttons at the same time to active 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.)

Y. 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.

A. TO REMOTE START THE VEHICLE:

When you want to start your vehicle,

Activate Remote Start   **Engine Running**

1. Press ✳ button twice on the transmitter
2. The parking light will activate to indicate the remote start received the signal. (A melody sounding from your Remote LCD transceiver and "🔑" icon will flashes on the LCD screen to confirm the remote start was activated.)
3. The engine will start approximately 5 seconds.
4. Once the engine is running, after couple seconds the parking light will turn on again and climate controls will activate and adjust the vehicles interior temperature to your preset setting. (While the vehicle is running, the "💨" icon and the "minutes" digit on the LCD screen will flash and it will indicate count down timer based on the 5, 10, 20 or 30 minute run time set up by your installation center.)
5. The vehicle will run for 5 to 30 minute cycle and automatically shut down. (When the unit shuts off the count down timer will turn off and the transmitter will play a melody.)
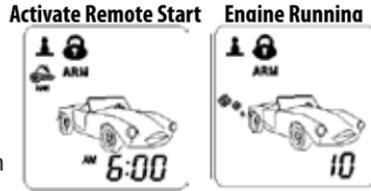
Note: The Remote Start Unit will not start the vehicle if any one of the following conditions exists:

1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to OFF position. (If installed)
4. The gear selector is in any gear other then "PARK" or "NEUTRAL"
5. Pull down the hand brake. (for Standard Transmission Gear Vehicle)

SAFE START (Child safety mode)

Factory defaults setting to press the ✳ button twice on the transmitter to start the vehicle. Programming this feature to eliminate an accidental remote start. It requires the user presses the transmitter 🔒 and ✳ buttons at the same time to start the vehicle.

B. ENGINE START MEMORIZING FOR THE VEHICLE WITH STANDARD

(MANUAL)

TRANSMISSION GEAR (Cut the VIOLET LOOP WIRE for Standard transmission gear vehicle)

The system senses the neutral transmission gear position automatically and there is no prior set-up required. The system in the standard transmission vehicle operates as following process when you exit the vehicle to sense and memorize the neutral transmission gear position. If the vehicles are of automatic transmission gear, this process is omitted.

1. While engine is running by ignition key, pull up the hand brake and place the transmission gear in the neutral position.
2. Before turning off the engine, press the ✳ button twice on the transmitter. -- The LED indicator will flash 3 times to confirm enter.
3. Pull off the "Ignition Key" from the key cylinder. -- Engine continues running until the pre-programmed time elapsed or shutdown input is received.--
4. Exit from the vehicle and Close all doors. -- The engine still continues running and it is normal operating process.--
5. Within 1 minute from the time of step 1, press the 🔒 button on the transmitter to lock the doors.
6-1. If the engine shuts down immediately and the system is now ready for next remote (or programmable) engine starts.
6-2. If the engine not shuts down immediately, the system is failed in engine start memorize set up, repeat above process again.

If the door is opened after above process, the prior memorization for the next remote or programmed engine start sequence is delete and the function shall not work until you repeat above process again.

Note: If the engine start memorize is set up, the dome light convenience delay function will be temporarily By-pass.

C. TO OPERATE THE VEHICLE WHILE RUNNING ON THE REMOTE START:

To operate the vehicle while engine running on 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.

D. 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 twice 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.

Note: For Standard Transmission Gear Vehicle: Before press the ✱ button, Pull up the hand brake first.

E. TURBO TIMER MODE:

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

1. While engine is running, place the transmission gear in the park position and pull up the hand brake.
2. Before turning off the engine, press and release 🔓 and ✱ buttons at the same time.
   -- The parking light wills turn on to indicate the remote start has entered turbo charge mode. --
3. Pull off 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-

F. TIMER / TEMPERATURE 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.

3 hours timer start with Temperature-control OFF: This feature is design for an extreme cold climate usage. The system will auto start the vehicle every 3 hours, to prevent engine freezing and hard to start.

A MAXIMUM OF SIX CYCLES CAN OCCUR.

3 hours timer start with Temperature-control: If you programmed the temperature ON to operate. The system can be programmed to automatically start the vehicle engine whenever the temperature inside the vehicle reaches or drops below the preprogrammed temperature level. The system will monitor the air temperature every 3 hour and will only start the engine during extreme cold temperatures. There is three-temperature level to choose form.

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, page 17)

ENTER:

1. Press the ✱ button twice to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress the 🚗 button once, within 2 seconds
3-a. **3 Hours Timer Start:** Rapidly depresses the ✱ button. The parking light will flash (3) times. The siren or horn chirps (3) times. The vehicle is now programmed to start every 3 hours.
3-b. **Daily Timer Start:** Depress the transceiver **F** button first, within 3 seconds press ✱(🕐) button. The parking light will flash (6) times. The siren chirps (6) times. The vehicle is now programmed to start at the real time of the of the next day. Your set time for the next day engine start flashes for approx. 3 seconds on the LCD screen. After 3 seconds the 🕐 icon stays displayed on the LCD screen.

4. Press the brake pedal to stop the vehicle running.

Exit the timer start:

Timer start can be exited manually as follows:

1. Make sure the remote start system is not operating the engine.
2. Turn the ignition on. The LED and parking light will flash (4) times. The horn chirps (4) times.

OR

1. Press the ✱ button twice to remote start the vehicle. As soon as the vehicle is running and the parking light have turned on or flashing.
2. Immediately depress the 🚗 button then press and hold the ✱ button for 2 seconds. The parking light will flash (4) times. The siren or horn chirps (4) times. The vehicle is no longer programmed to start automatically.

G. TEMPERATURE CHECK

You can monitor through the LCD screen, the present indoor temperature of the passenger compartment before cooling or heating your vehicle. Press the transceiver **F** button first, within 3 seconds press the ⬛ (⬛) 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 and is relative only the inside vehicle temperature.

H. TO TURN OFF THE REMOTE START:

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

1. Press   button twice on the remote transmitter under remote start mode.
2. Move the optional remote start enable toggle switch to OFF position. (If installed)
3. Press the brake pedal
4. Pull down the hand brake. (for Standard Transmission Gear Vehicle)

The vehicle will shut down and turn off the parking light to indicate engine stopped.

I. 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 hand brake is released (for Standard Transmission Gear Vehicle)
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 twice on the remote transmitter under remote start mode .
7. Move the optional remote start enable toggle switch to OFF position. (If installed)
8. The vehicle refused to start running after {3} unsuccessful attempts.

J. 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.

Note: If the system is interfered by stronger radio frequency around, sources of high voltage electric power or such Obstacles like tall buildings and so on, the transmission range may get shorter as the system uses low output power frequency.

A. BATTERY REPLACEMENT:

A 1.5V type AAA Alkaline battery powers the Remote Transceiver. When the power of the battery weakens a ▭ icon shall be displayed on the LCD screen. When the old battery is replaced to new one, there will be beep sounds indicate the power is up and the clock on the LCD screen returns to **AM12:00** after displaying all the icons. Correct the time by pressing **F** for 3 seconds before using (See Timer Setting).
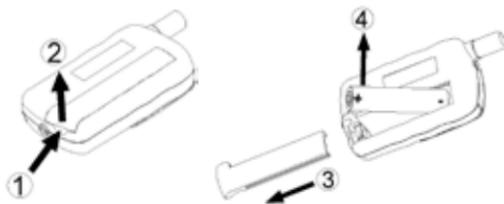
Note: Press the 🔒 button two times when the battery compartment is empty, then insert the new battery.

B. THE REMOTE LCD ICONS WITH FUNCTION

🔒 **Door Lock**
Your vehicle doors are locked

🔓 **Door Unlock**
Your vehicle doors are unlocked and the system is Disarmed

ARM　**Armed Mode**
Your vehicle is in armed mode

Remote Transmission
You are transmitting the signal to control unit

Door Open Warning
Doors are illegally opened (Zone 3)

Shock Sensor Trigger
Trigger on Shock Sensor (Zone 4)

Engine Starting
Your vehicle wngine starting by remote control

Timer Control Start
Engine will start automatically at the same time next day or every 2/3-hour.

C3　**Activate Channel 3**
(Trunk Release).

C5　**Activate Channel 5**
ᴹ12:00　**Time Monitor**

0:10　**Count Down (Parking) Timer**
Reminder when time is up for parking

Driver Paging
Someone is paging you in front of your vehicle

Valet Mode
All the function shall be temporarily on hold

In - Range Indicator
Your are within the remote control range.

Trunk/Hood Trigger
Trunk or Hood is illegally opened (Zone 2)

Warn Away Trigger
Trigger on Shock Sensor (Zone 1)

Engine Running
Your vehicle's engine is running

- 20F　**Temperature Monitor**
Indoor temperature for your vehicle

C4　**Activate Channel 4**

C6　**Activate Channel 6**
★ᴬᴹ12:00　**Alert Alarm**
You have set morning call alarm
Vibration Mode
Remote Control vibrates when the system is triggered

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

C. PROGRAMMING OF THE LCD REMOTE TRANSMITTER:

Transmitter Button	Description	Operation
F (1 second)	LCD screen lamp turns on for 5 seconds	Press and hold for 1 second 1 melody sound to confirm enters
F (3 seconds)	Timer Programming Mode	Press and hold for 3 seconds 2-melody sounds to confirm enter
F - F - F	Clear the Flashing Icon and Melody Sound on the LCD Screen Transmitter	Press within 3 seconds
F - 🔓 (2-second)	Melody / Vibration (📳) Mode	Press within 3 seconds
F - 🚗 (2-second)	Program Count Down (Parking) Timer (10-Minute / 20M / 30 M /1Hour /1.5H / 2.0H)	Press within 3 seconds to cycle *leave the buttons starting count down then ⏱ flashes

1. **Screen Lamp ON:** Press and hold the **F** button one second, with one melody sound and the LCD screen lamp will turns on for 5 seconds

2. **Clear the Flash Icon and Melody Sound:** Press the **F** button 3 times within 3 seconds will clear the flash icon and melody sound on the LCD screen transceiver

3. **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.

4. **Vibration / Melody Mode:** It is useful when you are in a noisy place and difficult to hear beep sound from the remote control as the remote control in this mode, vibrates itself if your security system is triggered.
Press the **F** button first, within 3 seconds press and hold the 🔓 button for 2 seconds to select the mode of vibration or melody, the 📳 icon will displayed on the LCD screen to show the LCD remote transceiver is on vibration mode.

5. **Low Battery Indication:** When the power of the battery weakens, it has two short "beep" sound and flash 🔋 icon while pressing the button of the LCD screen transceiver.

6. **Set Up Fixed Count Down (Parking) Timer:**
   1. Press the **F** button first, within 3 seconds press and hold the 🚗 button for 2 seconds, the LCD screen will shows icon and timer (ie. 0:10) ,

2. Press the 🔔 button again showing next order time on the screen (ie.0:20), press it again (ie.0:30)…..and so on.

3. Leave the buttons starting count down then ⏰ icon flashes

Note:

1. The count down period is fixed as 10 minutes, 20 minutes, 30 minutes, 1 hour, 1.5 hours and 2 hours maximum.

2. When count down timer showing 0:00 means to turn off the timer.

3. Press **F** button for real time indication when the timer is counting down.

7. Out Of Range Indication: If this feature is selected, the security system will automatically check the range every 20 minutes after armed.

1. If user is within the range, the 👤 icon will display on the LCD screen.

2. If user is out of range, it has five short "beep" sounds and the 👤 icon will disappear on the LCD screen.

D. TIMER SETTING:

	Transceiver Button	Description	Press Transceiver Button
1	Press & Hold the **F** button for 3 seconds	Timer Setting (Hour) *Flashes digit for adjusting	✹ for **–** and 🚗 for **+**
	Press the **F** button once	Time setting (Minute) *Flashes digit for adjusting	✹ for **–** and 🚗 for **+**
2	Press the **F** button once	Alert Alarm Time Setting (Hour) *Flash digit for adjusting	✹ for **–** and 🚗 for **+**
	Press the **F** button once	Alert Alarm Time Setting (Minute) *Flashes digit for adjusting	✹ for **–** and 🚗 for **+**
	Press the **F** button once	Alert Alarm Setting ON / OFF	✹ for **OFF** and 🚗 for **ON**
3	Press the **F** button once	Count Down Timer Setting (Hour) *Flashes digit for adjusting (Max.19 hours 59 minutes)	✹ for **–** and 🚗 for **+**
	Press the **F** button once	Count down Timer Setting (Minute) *Flashes digit for adjusting	✹ for **–** and 🚗 for **+**
	Press the **F** button once	Count down Timer Setting ON/OFF	✹ for **OFF** and 🚗 for **ON**
4	Press & hold the 🔒 button for 2 seconds	Daily Timer Start Timer Setting Flashes ⏱ / 🔔 Icon and "Hours" for adjusting	✹ for **–** and 🚗 for **+**

EXIT: Press and hold the **F** button for 2 seconds or leave it for 10 seconds, the system will exit the programming mode.

1. Timer Setting: Example to AM10:30

1. Press & hold the **F** button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.

2. Press the ✹ or 🚗 button to decrease or increase the "Hour" digit until AM10:xx

3. Press the **F** button once again then the "Minute" digit flashes for adjusting.

4. Press the ✹ or 🚗 button to decrease or increase the "Minutes" digit until AM 10:30

5. Press the **F** button for 2 seconds with one-melody sound to confirm exit the timer program mode.

2. Alert Alarm Timer Setting: Example to PM 6:30

1. Press & hold the **SET** button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.

2. Press the **F** button twice, the LCD screen will shows 🔔 icon and "Hours" digit is flashes for adjusting.

3. Press the ✹ or 🚗 button to decrease or increase the "Hour" digit until **PM 6:xx**

4. Press the **F** button once again then the "Minutes" digit flashes for adjusting.

5. Press the ✹ or 🚗 button to decrease or increase the "Minutes" digit until **PM 6:30**

6. Press the **F** button once again then 🔔 icon flashes for alert alarm "ON / OFF" setting

7. Press the 🚗 button to start the "Alert Alarm Timer", and the "ON" icon will show on the LCD screen.

8. Press the ✹ button to stop the "Alert Alarm Timer", and the "OFF" icon will show on the LCD screen.

9. Press **F** button for 2 seconds with one-melody sound to confirm exit the timer

program mode.

3. Count Down Timer (Parking) Setting: Example Set count down timer at 2:30

1. Press & hold the **F** button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.
2. Press the **F** button 5 times, the LCD screen will shows ⏲ icon and "Hours" digit is flashes for adjusting.
3. Press the ✱ or 🚗 button to decrease or increase the "Hour" digit until **2:xx**
4. Press the **F** button once again then the "Minutes" digit flashes for adjusting.
5. Press the ✱ or 🚗 button to decrease or increase the "Minute" digit until 2:30
6. Press the **F** button once again then ⏲ icon flashes for alert alarm "ON / OFF" setting
7. Press the 🚗 button to start the count down timer, and the "ON" icon will show on the LCD screen.
8. Press the ✱ button to stop the count down timer, and the "OFF" icon will show on the LCD screen.
9. Press the **F** button for 2 seconds with one-melody sound to confirm exit the timer program mode.
   Note: Maximum is 19 hours.

4. Time Set-Up For "Daily Timer Start": Example to AM 6:30

1. Press & hold the **SET** button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.
2. Press & hold the 🔑 button for 2 seconds, the LCD screen will flash ⏱ / 📡 icon and "Hours" digit for Hour set-up.
3. Press the ✱ or 🚗 button to decrease or increase the hour digit until **AM 6:00**
4. Press the **F** button once again then the minute digit flashes.
5. Press the ✱ or 🚗 button to decrease or increase the minutes digit until **AM 6:30**
6. Press the **F** button for 2 seconds with one-melody sound to confirm exit the timer program mode.

ALERT