PROFESSIONAL 2-WAY LCD REMOTE CAR STARTER & ALARM SYSTEM
With
Built in Temperature, Voltage Sensor
And Two-way Serial Port Data Link

<u>OPERATION MANUAL</u>

THIS PRODUCT IS DESIGNED FOR PROFESSIONAL INSTALLATION ONLY

Congratulations on your purchase of the RS-730 LCD remote start vehicle security system.   We sincerely hope the purchase of the RS-730 remote start security system gives peace of mind to you.

The RS-730 LCD is a state-of-the-art two-way communication system.   Please take the time to read over this manual to thoroughly familiarize your self with the many features and options of the RS-730 LCD.

Auto Page, Inc. has over 25 years of experience in the vehicle security industry in the United States and is a wholly owned subsidiary of Iwata Electric Co., of Tokyo, Japan.   Iwata has been an industry leader for over 50 years, establishing a reputation for ingenuity in its engineering capability and innovative communication products.   Auto Page and Iwata maintain a long tradition of providing the best value to their customers.

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.

LCD REMOTE CONTROL TRANSCEIVER: XT-74 LCD
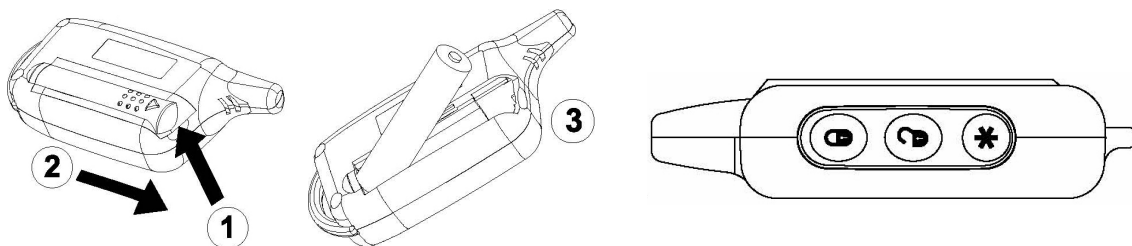
A. BATTERY REPLACEMENT:

This system needs no specific maintenance beyond remote control battery replacement. The 2-way remote is powered by a 1.5V AAA battery. The 1-way remote is powered by a pair of 3V, CR2016 batteries.

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 replacement, the remote control will generate a single notification chirp, and the Battery Level indicator ▭ will flash continuously.

Gently pull the end of the battery door away from the top of the remote control then slide the door up to expose the battery and remove the expired battery. Place the new battery into the remote. When power is returned the remote control will display all icons in the LCD and generate all beeper tones once. Press any button on the remote to terminate the beeper tone review.

B. STANDARD LCD ICON CONFIGURATIONS:

The lock icon will be displayed when the door locked.

The unlock icon will be displayed when the door unlock

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

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

Valet Mode
Remote start and alarm functions shall be temporarily on hold.

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

C3 RS915 REV. A   2

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

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

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

TURBO TIMER **Turbo Timer**
Turbo timer was set up

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

Activate Channel 3 (Trunk Release).

CH 3 **Activate Channel 3**

CH 4 **Activate Channel 4**

12:00 **Time Monitor**

12:00 **Alarm Clock**
You have set morning call alarm

0:10 **Parking Meter**
Reminder when time is up for parking

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

Melody Mode
Remote Control alert user through melody sound

Vibration Mode
Remote Control vibrates when the system is triggered

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 for 2 seconds
🔒 + 🔓	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. ✱✱ Press Twice if set to start safety mode
🔒 + 🔑	Channel # 4 Timer Output (**4**)	Optional
‖	Switching code For 2nd Car Operation.	For regular XT-33 remote transmitter Only

D 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		

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 status. 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 1st 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 **"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 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.)

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 5-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 transmitter (**II**) is shift button.

Standard Transmitter

1. Prior to pushing any button on the transmitter. Press the Select **II** button first on the transmitter.
2. Once **II** 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.
4.

For LCD transceiver – 2nd car operation :

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.

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
2. The user presses the transmitter 🔒 and ✳ buttons at the same time to start the vehicle.
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 **TURBO TIMER** 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.**

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)

ENTER:
1. Press the ✳ button once to remote start the vehicle. As soon as the vehicle is running and the parking lights have turned ON or are flashing.
2. Immediately depress the 🔑 button once, within 2 seconds
3-a. **3 Hours Timer Start:** Rapidly depresses the ✳ button (or depresses 🔓 + ✳ buttons, if you program 🔓 + ✳ buttons = Start / Stop button.) The parking light will flash (3) times / **TIMER START** icon appear. The siren or horn chirps (3) times. The vehicle is now programmed to start every 3 hours.

3-b. **Daily Timer Start:** Depress the transmitter's "**F**" button first, within 3 seconds press the ✳ button. The parking light will flash (6) times. The siren chirps (6) times. The vehicle is now programmed to start at the same time 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 **DAILY START** icon stays displayed on the LCD screen.

Or Follow programmed Daily Start Timer on LCD remote in Advanced user mode.

Press 🔑 button of LCD remote transceiver to activate Daily Start feature.
3. Press the brake pedal to stop the vehicle running.
4. Please insure that you fully understand this feature before programming the timer start mode.

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. (or depresses 🔓 + ✳ buttons, if you program 🔓 + ✳ buttons = Start / Stop button.) The parking light will flash (4) times. The siren or horn chirps (4) times. The vehicle is no longer programmed to start automatically.

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:

C. LCD REMOTE CONTROL 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 and hold until ONE Beep is heard)

F Button	LCD Display	� Button
Press once	Backlight turns on for 5 seconds	
Press twice within 5 seconds	**PASS** and **PASS** icon flashing	Press � button to arm the alarm and bypass the sensor 1.
Press three times within 5 seconds	**HIDDEN ALARM** and **X▶** icon flashing	Press � button to arm system and with Hidden Alarm Function.
Press four times within 5 seconds	**CAR JACK** 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 and hold until TWO Beeps are heard)

F Button	LCD display	� Button
Press and hold the **F**	**MENU** flashing	Press � button to enter the menu

Button for 2 second until 2 beeps sounded		mode
Press one more time within 5 seconds	**CH 4** flashing	Press 🕭 button to activate channel 4 function

Table 3:THREE beeps to confirm(Press and hold until THREE Beeps are heard)

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

## Table 4: FOUR beeps to confirm (Press and hold until FOUR Beeps are heard)

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

Table 5: Do-Re-Mi sounds to confirm

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

D. PROGRAMMING LCD REMOTE:
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.

Order	Menu Option	LCD display	Functions

1	**Parking Menu**	PARK METER	**Default is** OFF
	🔑 - Parking hours	**0:30** *0 is flashing*	🔒 , 🔓 - Adjusts parking hour (value from 0 to 2).
	🔑 - Parking minutes	**0:30** *30 is flashing*	🔒 , 🔓- Adjusts parking minute (value from 0 to 59).
	🔑 - Toggle Parking countdown	P-ON + ⏱ *or* P-OFF	🔒 - Enables parking countdown. There is a beep 5 min. before the Parking countdown reaches 0. 🔓 - Disables parking countdown.
2	**Illumination Menu**	ILLUM	**Default is** OFF
	🔑 - Toggle Illumination Mode	**3 SEC.** *or* **5 SEC**. *or* **OFF**	🔒 , 🔓 Basic operation with backlight Illumination 3 SEC. or 5 SEC.; OFF – basic operation without backlight Illumination.
3	**Second Vehicle Security Operation Menu**	CAR SELECT	**Default is CAR 1**
	🔑 - Car Select	**CAR 1 or** **CAR 2**	🔒 -CAR 1 operation. 🔓 - CAR 2 operation.
4	**Clock Menu**	CLOCK	**Default is** 12:00
	🔑 - Clock hours	**12:00AM** 12 is flashing	🔒 , 🔓 - Adjusts clock hour from 0 to 12
	🔑 - Clock minutes	**12:00AM** 00 is flashing	🔒 , 🔓 - Adjusts clock minute from 0 to 59
5	**Alarm Clock Menu**	ALARM CLOCK	**Default is** OFF
	🔑 - Alarm hours	***12:00AM*** 12 is flashing	🔒 , 🔓 - Adjusts alarm clock hour from 0 to 12
	🔑 - Alarm minutes	**12:00AM** 00 is flashing	🔒 , 🔓 - Adjusts alarm clock minute from 0 to 59
	🔑 - Toggle alarm	**ON +** 🔔 *or* **OFF**	🔒 - Enable alarm clock or 🔓 - Disable alarm clock
6	**Back Light Color**	COLOR	**Default is COLOR 1**
		COLOR 1- 7	🔒 , 🔓 - Adjusts color from Color 1 to Color 7
7	**Confirmation Menu**	BUZZER **VIBRTE**	**Default is** BUZZER
	🔑 - Toggle BZ VIB	BUZZER + ♪ *or* **VIBRTE +** 〰 *or* BZ VIB + ♪+ 〰	🔒 , 🔓 - Buzzer or Vibration
8	**Button Lock**	BUTTON LOCK	**Default is** OFF
	🔑 - Toggle button lock	ON OFF	🔒 - button lock / Disable the transmission function temporarily 🔓 - button unlock / Enable the transmission Function.

9	**Power Save**	*POWER SAVE*	Default is *OFF*
	🕊 - Toggle power save	*ON* *OFF*	🔒 - While the power save mode, the LCD remote transceiver uses "0" current to save the battery power. 🔓 - Power save OFF **Exit:** Press any button of the LCD remote transmitter to exit the "Power Save Mode".
10	**Daily Start Timer Setting**	**DAILY START**	Daily Start Time Adjust Only (ex. 7:30AM)
	🕊 - Daily Start Hour	**7:30AM** 7 is flashing	🔒 , 🔓 - Adjusts clock hour from 0 to 12
	🕊 - Daily Start Minute	**7:30AM** 30 is flashing	🔒 , 🔓 - Adjusts clock minute from 0 to 59

To Exit: Do not push any buttons for 15 seconds

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
. Reorient or relocate the receiving antenna.
. Increase the separation between the equipment and receiver.
. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution :To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

To satisfy FCC RF exposure compliance requirements, this device should be used in hand-held, hand-operated configurations only. The device and its antenna must maintain a separation distance of 20cm or more from a person's body, except for the hand and wrists, to satisfy RF exposure compliance.

This device is designed to be used in a person's hands and its operating configurations do not support normal transmissions while it is carried in pockets or holsters next to a person's body.