MODEL X11RF-LCD
REMOTE ENGINE STARTER
WITH ALARM SYSTEM
OWNER'S MANUAL

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:

REMOTE START OPERATION:

LCD REMOTE TRANSCEIVER:

OPERATION:

A. REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
🔒	Lock Doors & Arm System	
🔒 - 🔒	Arm and Bypass The Sensor 1 (Zone 4).	Press twice within 3 seconds
🔒 - ⛭	Arm and Bypass The Sensor 2 (Zone 6).	Press within 5 seconds
🔒 - ⛭ - ⛭	Arm and Bypass The Sensor 1 and 2	Press within 5 seconds
⛭ - 🔒	Arm System and Hidden Alarm Function	Press within 3 seconds
🔒	Car Locator	Upon armed
🔒 (3-second)	Panic function	Press and Hold for 3 seconds.
🔒 + 🔓	Silent Arming / Disarming	Ignition in "off" position.
🔒 + 🔓 (2-second)	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.
⛭	Trunk Release (Channel 3)	Press and Hold for 1 sec.
⛭ - ⛭	Passive Arming By-pass	While the system Disarmed.
✻ - ✻	Activate or Turn Off The Remote Start	Press twice within 3 seconds.
🔒 + ⛭	Channel # 4 Timer Output	
🔓 + ⛭	Channel # 5 Timer Output	
⛭ + ✻	Channel # 6 Timer Output	
🔒 + ✻	Channel # 7 Timer Output	Defrost output will be auto active 30 sec after R/S succeed; Output will be 1 sec. (-) pulse.
⛭ - 🔒 + 🔓	Switching code For 2nd Car Operation.	For regular remote transmitter

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

Transceiver Button	System Function	Remark
SET- 🔒 (C)	System's Trigger Check	Press within 3 seconds
SET- SET - 🔒 (C)	System's Status Check	Press within 3 seconds
SET- 🔓 (📞)	Optional Driving Pager	Press within 3 seconds
SET - ⛭ (🌡)	Monitor Indoor Temperature	Press within 3 seconds
SET- 🔒 + 🔓	2nd car Operation	Press within 3 seconds

C. LED display:

LED	Function
Off	Disarmed
Slow Flash	Armed
Fast Flash	Passive Arming
On (Solid)	Valet Mode
Pause On	Password Lock-Out

LED	Function
1 flashes... pause	Zone 1 / Trigger on Hood
2 flashes... pause	Zone 2 / Trigger on Trunk
3 flashes... pause	Zone 3 / Trigger on Door Switch
4 flashes... pause	Zone 4 / Trigger on Sensor 1
5 flashes... pause	Zone 5 / Trigger on Ignition Switch
6 flashes... pause	Zone 6 / Trigger on Sensor 2

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 Locator
Constant On	Under Remote Start

F. 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 door will lock upon arming when interfaced with the security system.
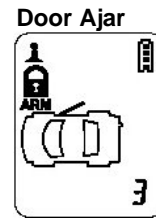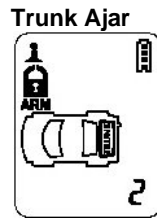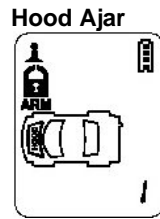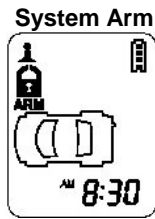
System Arm	Hood Ajar	Trunk Ajar	Door Ajar	**Clear The Flash Icon:**

Clear The Flash Icon: Press the SET button 3 times within 3 seconds will clear the flash icon on the LCD screen transmitter

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.

SENSOR BY-PASS:

Bypass The Sensor 1 (Zone 4): Press the 🔒 button on the transmitter two times within 3 seconds will arm the security system and by-pass the sensor 1 (zone 4 shock sensor).

Bypass The Sensor 2 (Zone 6): Press the 🔒 button first, with 3 seconds press the 📢 button will arm the security system and by-pass the zone 6 optional sensor **2**.

Bypass The Sensor 1 (Zone 4) and Sensor 2 (Zone 6): Press the 🔒 button first, with 3 seconds press the 📢 button twice will arm the security system and by-pass the sensor **1** (zone 4 shock sensor) and zone 6 optional sensor **2**.

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.

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. (A melody sounding from your Remote LCD transceiver and "🦋" icon will display on the LCD screen to confirm the hidden alarm was activated.)
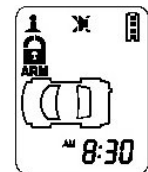
G. PASSIVE ARMING
Active arming / disarming is controlling your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.
1. Turn the 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.

H. ACTIVE DISARMING – UNLOCK & DISARM:
1. Press 🔓 button on the transmitter.
2. The siren will chirp twice and parking light flash twice to indicating that the security system is now disarmed. The vehicle's door will unlock and dome light turns on for 30 seconds upon disarming when interfaced with the security system.

System Disarm	Hood Trigger	Trunk Trigger	Doors Trigger	Ignition Trigger
~6:00	1	2	3	5
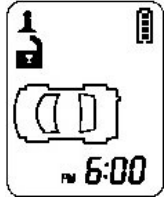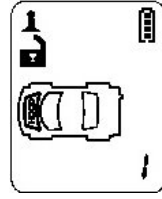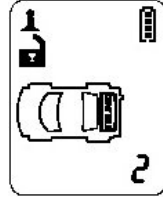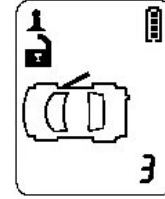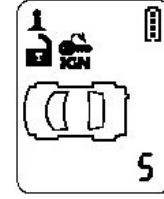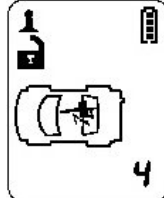
Sensor 1 Trigger	Sensor 2 Trigger	
4	6	**CLEAR THE FLASH ICON:** Press the SET button 3 times within 3 seconds will clear the flash icon on the LCD screen transceiver. **TAMPER DISARMING:** If alarm triggered, upon disarm the system, siren chirp 4 times, parking light flash 3 times.
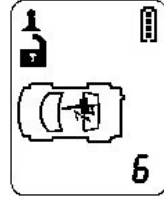
PATHWAY ILLUMINATION: This feature turns the parking light "ON" for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal

TWO STEPS DOOR UNLOCK: 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.

J. VALET MODE: (System in Disarm or Valet mode)

Activate Valet Mode:

1. Turn the ignition to "Off" position and open any door.

2. Press and hold 🔒 +✳

3. The door locks will lock and unlock. Release the button

4. The LED will begin to flash every 5 sec. indicating that the system is in valet mode

Exit Valet Mode:

1. Turn ignition 'Off' and open any door.

2. Press and hold 🔓 +✳

3. The door locks will lock and unlock. Release the button

4. The LED will be off indicating that the system is out of Valet mode.

Remote Door Lock	Remote Door Unlock
ᶻᶻ ᴬᴹ12:00	ᶻᶻ ~6:00

K. 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.
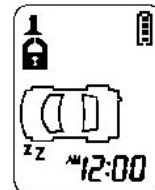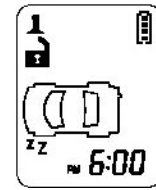
ARM ~12:00
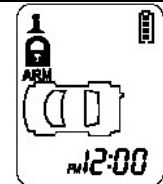
L. PANIC FUNCTION:

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 and the ☾• icon will display on the LCD screen.

ARM ~12:00

2. During panic mode, the normal function of this transmitter button will be suspended. 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 enable allowing the vehicle to start.

3. To stop the alarm, press and hold the transmitter 🔒 or 🔓 button on the transmitter again for 3 seconds. Also if any transmitter buttons 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.
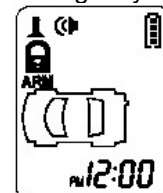
M. TRIGGER THE SYSTEM

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 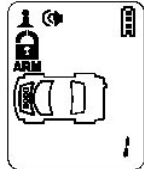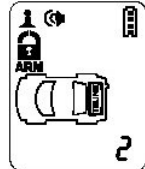intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the one of sensors or detectors still active, the alarm system will sound a maximum of 6 times of 30 seconds cycles.
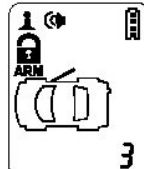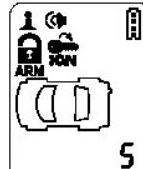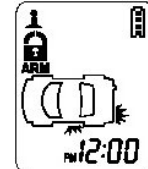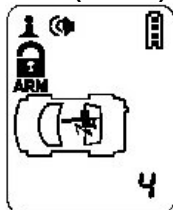
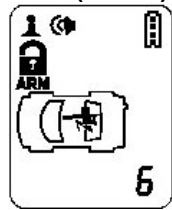| Hood Trigger	Trunk Trigger	Doors Trigger	Ignition Trigger	Warn-away Trigger

Sensor 1 (Zone 4) Trigger	Sensor 2 (Zone 6) Trigger

Stop The 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 transceiver to stop melody sound.

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 or ten times for warn-away triggers. Each time, the same sensor (zone 4 or zone 6) is triggering the alarm. "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the fifth trigger (tenth for warn-away), "Noise Abatement Circuit" ignores, or bypasses that sensor 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.

N. ANTI CAR- JACKING

Warning: If you don't need the car jacking function in this alarm system, be sure to set car jacking feature "OFF". This system is default setting all cars jacking "OFF".
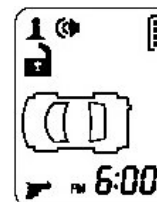
ACTIVE ANTI CAR JACKING:
1. Press and hold the transmitter 🔒 and 🔓 buttons at the same time for 2 seconds while the vehicle's ignition are ON. The parking lights will turns on for 1.5 seconds to indicate the system enters the car-jacking mode. (A melody sounding from your Remote LCD transceiver and "🔫" icon will display on the LCD screen to confirm the car-jacking mode was activated.)
2. Once the system in 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", the 🔫 and ◖ icon will display on the LCD screen.
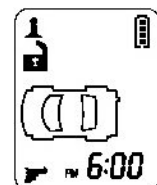
PASSIVE ANTI CAR- JACKING:
1. Turn the ignition switch to "ON" position; the system enters the car-jacking mode.
2. Once the system in car-jacking mode, If you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON", the 🔫 and ◖ icon will display on the LCD screen.

TRIGGER THE ANTI CAR -JACKING MODE:
a). 50 seconds after the system has beer triggered. The siren will start chirping for 15 seconds.
b). During this 15 seconds period of chirping, you will be alerting to push the valet switch once to turn off the 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 beer 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 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

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

Press the transceiver SET 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.
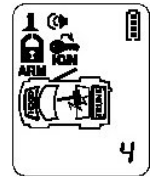
P. SYSTEM'S STATUS CHECK (For two-way transceiver operation only)

When you want to check the system's present status through the LCD screen, Press the transceiver SET button twice, within 3 seconds press 🔒 **(C)** button. It responds with one melody sound and all vehicles' status records will immediately displayed on the LCD screen.
Note: If it has no responds then you are out of range.
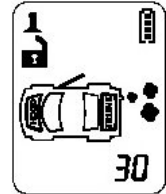
Q. DRIVER PAGING / LOSE & FOUND (For two-way transceiver operation only)

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

Indoor Driving Paging
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 you Remote LCD transceiver and "🔊" indication flashes on the LCD screen.

Outdoor Driving Paging
If someone tries to page you by tapping the paging (knock) sensor (optional) which is usually mounted on the bottom part of front window, the paging melody sound continues sounding from you Remote LCD transceiver and "🔊" indication flashes on the LCD screen.

1. Press the transceiver SET button first, within 3 seconds press 🔒 (🔊) button to activate outdoor driver paging function, It responds with chirps of the vehicle, a melody sound and "🔊" indication flashes on the LCD screen to confirm the function is on.
2. When tapping the paging (knock) sensor, one chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding from you Remote LCD transceiver and "🔊" indication flashes on the LCD screen.
3. Turn on the ignition switch; OR press the 🔒 button to arm the system; OR press the 🔓 button to disarm the system, this outdoor driver paging function will exit.
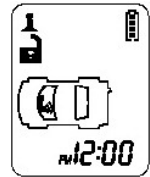
R. DOME LIGHT CONVENIENCE DELAY & SUPERVISION

The alarm with a unique feature which will turn on your vehicle dome light as following:
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: Turn on the ignition switch or arm the alarm will turn off the dome light.

S. IGNITION CONTROL DOOR LOCK/UNLOCK.

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".

T. TRUNK RELEASE (CHANNEL 3) OUTPUT.

Press and hold 🚗 button on the transmitter for one seconds to remote control the trunk release or other electric devices.
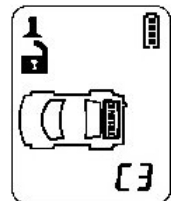
U. CHANNEL 4 /5 /6 /7 TIMER CONTROL OUTPUT

Activate The Channel 4: Press 🔒 and 🚗 buttons at the same time to active Channel 4 function.
Activate The Channel 5: Press 🔓 and 🚗 buttons at the same time to active Channel 5 function.
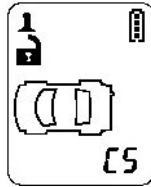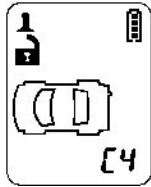**Activate The Channel 6:** Press 🚗 and ✳ buttons at the same time to active Channel 6 function.
Activate The Channel 7: Press 🔒 and ✳ buttons at the same time to active Channel 7 function.
The channel output is user-programmable timer output. This timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)
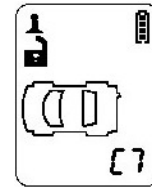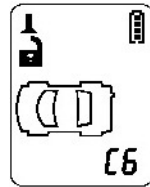
V. POWER ON MEMONRY:

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.
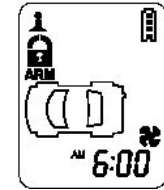
REMOTE START OPERATION:

A. TO REMOTE START THE VEHICLE:

Activate Remote Start

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.)

Engine Running

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.)
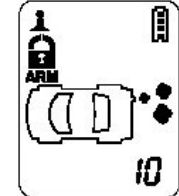
Note: The Remote Start Unit will not start the vehicle if any one of the following conditions exists:
1. The hood is opened.
2. The brake pedal is pressed.
3. Move the optional remote start enable toggle switch to OFF position. (If installed)
4. The gear selector is in any gear other then "PARK" or "NEUTRAL"

B. 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.

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 twice on the transmitter.
  -- 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 TIMER MODE:

Turbo timer mode keeps the engine running after arriving at you destination for a programmable period of 3/ 5 or 10 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 will activate 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. --
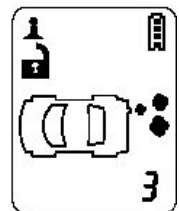
If you do not want the vehicle to continue to run for one cycle, simply step on the vehicle's brake, or activate the ✱ button in succession. Any of these will cause the engine to turn off.

E. TIMER START:

Your system has the ability to automatically start the vehicle every 1,2 or 3 hours, run for the pre-programmed time (5, 10, 20 or 30 minutes), and then shut off. This will continue for 48 hours. This

feature is especially useful in cold climates where the only means to keep the engine and engine fluids warm is to periodically start the engine.

If the system is set up to start in temperature mode, 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 (2 /1) hour and will only start the engine during extreme cold temperatures.

WARNING! Be certain that the vehicle is outdoors before using this or any remote vehicle-starting device. A running engine produces dangerous carbon monoxide fumes, which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.
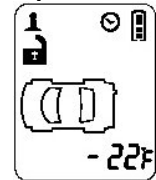
Timer Start Operation:
1. Turn the ignition key on then off. Within 15 seconds .....
2. Press the 🔑 button first, with 3 seconds press the ✱ button.
3. The parking lights will flash and the siren will chirp 3 times indicating the timed start mode is activated.

Your set the timer icon or the temperature icon for engine start flashes for approx. 3 seconds on the LCD screen. After 3 seconds the ⊘ icon stays displayed on the LCD screen
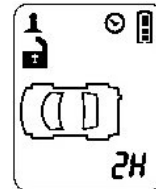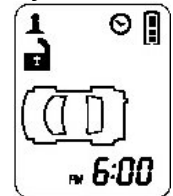
Daily Timer Start Operation: The feature is very useful for the driver who wants to run the vehicle punctually at the same time next morning. Before set-up of the "Daily Timer Start", you should set you time for engine start.(see Timer Setting / Timer set-up for "Daily Timer Start, page 16)
1. Turn the ignition key on then off. Within 15 seconds .....
2. Press the 🔑 button first, with 3 seconds press and hold the ✱ button for three seconds.
3. The parking lights will flash and the siren will chirp 6 times indicating the daily timed start mode is activated.

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.

Cancel the timer start: To cancel the timer start do one of the following;
1. Start the vehicle manually with the use of the ignition key.
2. Remote starts the vehicle using your keychain RF transmitter.

F. 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 SET 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.
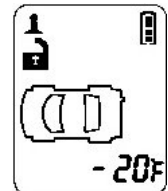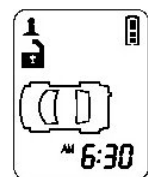
G. TO TURN OFF THE REMOTE START:
When the engine is running (by remote start), if you want to stop it,
1. Press ✱ button twice on the remote transmitter under remote start mode.
2. Move the optional remote start enable toggle switch to OFF position. (If installed)
3. Press the brake pedal.
The vehicle will shut down and turn off the parking light to indicate engine 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. Engine is over-revved. {"Tachometer checking type" only}
4. The pre-programmed run time (5 / 10 /20 / 30 minutes) has elapsed.
5. Press ✱ button twice on the remote transmitter under remote start mode.
6. Move the optional remote start enable toggle switch to OFF position. (If installed)
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.
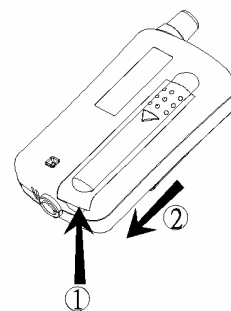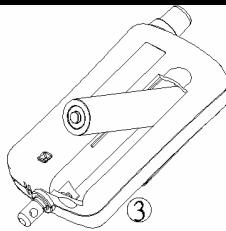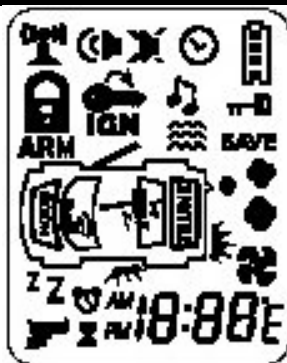
Note: If the system is interfered by stronger radio frequency around, sources of high voltage electric power or such Obstacles like tall buildings and so on, the transmission range may get shorter as the system uses low out put powered frequency.

A. BATTERY REPLACEMENT:

A 1.5V type AAA Lithium / digital camera use / Alkaline battery powers the Remote Transmitter. 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 SET for 3 seconds before using (See Timer Setting).

Note : 1. 1.5V type AAA Lithium battery (highly recommend) / 1.5V type AAA Hi-power battery for digital camera use (suggest) / 1.5V type AAA Alkaline battery (at least)

2. Press the 🔒 button two times when the battery compartment is empty, then insert the new battery.

B. THE REMORE LCD ICONS WITH FUNCTION:

🔒	**Door Lock** Your vehicle doors are locked	🔓	**Door Unlock** Your vehicle doors are unlocked and the system is Disarmed
ARMED	**Armed Mode** Your vehicle is in armed mode		**Hidden Alarm Mode** Your vehicle is in armed with hidden alarm mode
	Car Jack Mode Activate the car jacking mode	Z Z	**Valet Mode** All the function shall be temporarily on hold.
(📡)	**Remote Transmission** You are transmitting the signal to control unit	(📡)	**In – Range Indicator** Your are within the remote control range.
	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) or Optional Sensor 2 (Zone 6)
IGN	**Ignition Trigger** Ignition switch is illegally turned on (Zone **5**)		**Warn Away Trigger** Warn Away Trigger on Sensor 1 or Optional Sensor 2.
(☾	**System Trigger**		**Low Battery** You have to replace the battery of remote control.
	Engine Cranking Your vehicle engine Cranking by remote control		**Engine Running** Your vehicle's engine is running
⊙	**Timer Control Start** Engine start automatically at the same time next day or every 2 / 3-hour.	- 20℃	**Temperature Monitor** Indoor temperature of your vehicle
C3	**Activate Channel 3 (Trunk Release).**	**C4**	**Activate Channel 4**
C5	**Activate Channel 5**	**C6**	**Activate Channel 6**

C7 Activate Channel 7

AM 12:00 Time Monitor

⌚ AM 12:00 Alert Alarm
You have set morning call alarm

⏳ 0:10 Count Down Timer
Reminder when time is up for parking

SAVE Power Save Mode
Save the battery power

♪ Melody Mode
Remote Control alert user through melody sound

〰〰〰 Vibration Mode
Remote Control vibrates when the system is triggered

🔑 Button Lock
Disable the transmission function temporarily

📞 Driver paging / Lose and Found
Someone is paging you in front of your vehicle

C. PROGRAMMING OF THE LCD REMOTE TRANSMITTER:

Transmitter Button	Description	Operation
SET (1 second)	LCD screen lamp turns on for 5 seconds.	Press and hold for 1 second 1 melody sound to confirm enters.
SET (3 seconds)	Timer Programming Mode.	Press and hold for 3 seconds 2-melody sounds to confirm enter.
SET (5 seconds)	Power Save Mode	Press and hold for 5 seconds 1 melody sound to confirm enters.
SET ▪ SET ▪ SET	Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter	Press within 3 seconds
SET ▪ 🔒 (2-second)	Button Lock (🔒) enable / disable	Press within 3 seconds
SET ▪ 🔓 (2-second)	Melody (♪) / Vibration (〰) Mode	Press within 3 seconds
SET ▪ 🔍 (2-second)	Program Count Down Timer (⏱) (10-Minute / 20M / 30 M /1Hour /1.5H / 2.0H)	Press within 3 seconds cycling *leave the buttons starting count down then ⏱ flashes
SET ▪ ✱ (2-second)	Enable / Disable Bi Sound **(Bi)** While Pressing Button	
SET ▪ SET ▪ 🔒 (2-second)	Illumination On /Off	Press within 3 seconds
SET ▪ 🔒 + 🔓 (2-second)	Switching code for 2nd / 1st Car Operation	Press within 3 seconds

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

2. **Power Save Mode:** While the power save mode, the LCD remote transceiver uses "0" current to save the battery power.
   Entry: Press & hold the SET button for 5 seconds, with one melody sound and **SAVE** icon on the LCD screen to indicate entry the "power save mode".
   Exit: Press any button of the LCD remote transmitter to exit the "Power Save Mode".
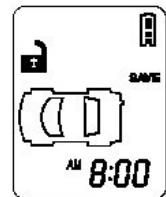
3. **Clear the Flash Icon and Melody Sound:** Press the SET button 3 times within 3 seconds will clear the flash icon and melody sound on the LCD screen transceiver

4. **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.

5. **Button Lock:** It is useful if you want to disable the transmission function of the remote control temporarily to prevent from any inadvertent pressing of buttons by others. Press the SET button first, within 3 seconds press and hold the 🔒 (🔒) button for 2 seconds to activate or cancel the button lock function, the 🔒 icon will displayed on the LCD screen to show the LCD remote transmitter is on "Button Lock".
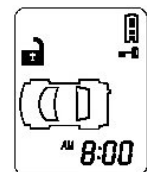
6. **Vibration / Melody Mode:**

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 SET button first, within 3 seconds press and hold the 🔓 button to select the mode of melody (♪) / vibration (〰) or melody with vibration (♪ 〰) , the ♪ / 〰 icon will displayed on the LCD screen.
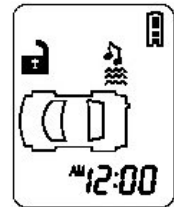
7. Enable / Disable Bi Sound While Pressing Button:
It has a short "bi" sound while pressing the button of the LCD screen transceiver
If you want mute the "bi" sound mute always while press button. Press the SET button first, within 3 seconds press and hold the ✳ **(Bi)** button for 2 seconds to disable the "bi" sound.

8. 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.

9. Set Up Fixed Count Down Timer:
1. Press the SET 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 them 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 SET button for real time indication when the timer is counting down.

10. Out Of Range Indication:
If this feature is selected, the system will automatically check the range every 30 minutes.
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 "bi" sounds and the 🅇 icon will disappear on the LCD screen.
   Note: Programming "Out Of Range Indication" will decrease the life expectancy of battery.

11. Illumination
Illumination for the LCD display can be programmed "On" or "Off". When programmed "On", the LCD will illuminate every time the remote control receives a page or transmits a command.
Press the SET button twice, within 3 seconds press and hold the 🔒 button for 2 seconds. The remote will beep once for "On", twice for "Off" and the light will turn on/off with each press.
Note: Programming "illumination "On" will decrease the life expectancy of battery.

12. Second Vehicle Security Operation:
Your remote transmitter can be utilized to control a second vehicle security system, To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming. All programming parameters be the same except for the following:

For 1-way Remote Control Transceiver:
1. Press the 📧 button first within 3 seconds press and hold 🔒 and 🔓 buttons at the same time for 2 seconds
2. Once button is pressed, the LED on the transmitter will illuminate for 3 sec. to indicate second vehicle transmitter operation.
3. While the LED is illuminated, press any button on the transmitter to control the 2ⁿᵈ car security system or alarm function (arm/ disarm/ trunk/ remote start)
   Note: Button functions are the same for the second car as they are for the first car.

For 2-way LCD Remote Control Transceiver:
2nd Car Operation: you can remote control and communicate with a second vehicle security system.
1. Press SET first, within 3 seconds press and hold 🔒 and 🔓 buttons at the same time for 2 seconds with two beeping sound and the "2nd" icon will display on the LCD screen to indicate the second transceiver pin code has built-in.
2. While the "2nd" icon display on the LCD screen, you can remote control and communicate with a second vehicle security system. It has two short "bi" sounds while pressing the button of the LCD screen transceiver.
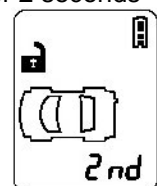
Back to 1st Car Operation:

1. Press SET first, within 3 seconds press and hold 🔒 and 🔓 buttons at the same time for 2 seconds with one long beeping sound and the "PM 6:00" timer icon will display on the LCD screen to indicate the system is back to first transceiver pin code.

2. While the "PM 6:00" timer icon display on the LCD screen, you can remote control and communicate with a first vehicle security system. It has one short "bi" sound while pressing the button of the LCD screen transceiver.

D. TIMER SETTING:

	Transceiver Button	Description	Press Transceiver Button
1	Press & Hold the SET button for 3 seconds	**Timer Setting** (Hour) *Flash digit for adjusting	✳ for − and 🔊 for +
	Press the SET button once	Time setting (Minute) *Flash digit for adjusting	✳ for − and 🔊 for +
2	Press the SET button once.	**Alert Alarm Time Setting** (Hour) *Flash digit for adjusting	✳ for − and 🔊 for +
	Press the SET button once	Alert Alarm Time Setting (Minute) *Flash digit for adjusting	✳ for − and 🔊 for +
	Press the SET button once	Alert Alarm Setting ON / OFF	✳ for **OFF** and 🔊 for **ON**
3	Press the SET button once	**Count Down Timer Setting** (Hour) *Flash digit for adjusting (Max.19 hours 59 minutes)	✳ for − and 🔊 for +
	Press the SET button once	Count down Timer Setting (Minute) *Flash digit for adjusting	✳ for − and 🔊 for +
	Press the SET 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** Flash ☉ / 🔔 icon and "Hours" for adjusting	✳ for − and 🔊 for +

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

1. Timer Setting: Example to AM10:30
1. Press & hold the SET 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 AM**10**:xx
3. Press the SET 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 SET 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 SET 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 SET 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**
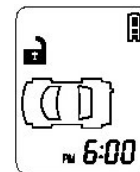6. Press the SET button once again then 🔔 icon flashes for alert alarm "ON / OFF" setting
7. Press the 🔊 button to start the "Alert Alarm Timer", and the "ON" icon will show on the LCD screen. Press the ✳ button to stop the "Alert Alarm Timer", and the "OFF" icon will show on the LCD screen.
8. Press SET button for 2 seconds with one-melody sound to confirm exit the timer program mode.

3. Count Down Timer Setting: Example Set count down timer at 2:30
1. Press & hold the SET button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.
2. Press the SET 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 SET 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 SET 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. Press the ✳ button to stop the count down timer, and the "OFF" icon will show on the LCD screen.
8. Press the SET 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 SET 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 SET button for 2 seconds with one-melody sound to confirm exit the timer program mode.

A. PROGRAMMING THE REMOTE TRANSMITTER:

Note: This mode will only retain the last 4 remote transmitters programmed. If the transmitter memory is exceeded, the security system will start deleting transmitters from memory in chronological order.
1. Turn the Ignition 'switch 'OFF/ON' 3 TIMES and stay in ON position. Within 15 seconds.
2. Push the Valet switch **3** times and holding in on **3rd** push until a long chirp is hearing then release the valet switch. You are now in the Transmitter programming mode.
3. Press and hold any button of the transmitter until the siren responds with a confirming chirp, indicating the signal has been stored into memory.
4. If you have additional transmitters (up to 4) that need to be programmed, repeat step 3 for each transmitter.
Exit: Turn Ignition to 'OFF' position, or leave it for 15 seconds to exit the program mode and the siren will chirp three long chirps.

B. FEATURES PROGRAMMING:

ALARM FEATURE "I" PRORAMMING:
1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **2** times and holding in on **2nd** push until **one** chirp with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'I'** programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.
   a. The siren chirps and LED pause will indicate previously setting.
   b. The factory default settings is always [1] LED flash, [1] chirp.
4 Depress the transmitter button 'A' again to change the feature. Simple keep re-depressing the transmitter button 'A' again until the module advances to your desired setting.
   a. In this case, Press button 'A' again, the module would advance to [2] LED flash, [2] chirps.
   b. Press button 'A' again, the module would advance to [3] LED flash, [3] chirps etc.
5. Depress the transmitter button 'B' corresponding to the feature 'B' you wants to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses
1 🔒	All Siren/Horn arming, disarming and tamper indicator chirps on	Siren/Horn arming Chirps OFF w/second TX button push confirmation, Disarm chirp OFF. All tamper indicator chirps ON	All Siren/Horn arming, disarming and tamper indicator chirps off	Siren/Horn arming and disarming chirps off with all tamper indicator chirps on
2 🔓	Active arming	Passive arming without passive door locking	Passive arming with passive door locking.	
3 🐾	Automatic Rearm off	Automatic Rearm on		
4 ✳	Instantly Door Ajar Warning	45 seconds delay Door Ajar Warning.		
5 🔓 + ✳	Without Car-jack mode	Active Car-jack mode	Passive Car-jack mode	
6 🐾 + ✳	Panic with Ignition off	Panic with Ignition on & off	Panic with Ignition on & off. Panic with No time limit.	Without Panic function.

7 🔒 + 🔓	Standard Horn output Function	Horn output for alarm trigger, panic and car- finder only		
8 🔒 + ✳	Standard horn pulse	"SOS" type S-S-S - L-L-L - S-S-S	S-L-S-L	S-S-S - L
	Five Chirps / LED five pulses	Six Chirps / LED six pulses		
	S-M-L-S-M-L	S-S - L - S-S		

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds to exit the program mode and the siren will chirp three long chirps.

ALARM FEATURE "II" PRORAMMING:

1 Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.

2 Push the Valet switch **4** times and holding in on the **4ᵗʰ** push until **two** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'II'** programming mode.

3 Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses
1 🔒	0.8 second door lock & unlock	3.5 second door lock & Unlock	0.8 second Lock, 0.35 second Unlock	0.8 sec. dbl Lock, 0.8 sec. dbl Unlock
	Five Chirps = 0.8 second Lock, double 0.8 second. Unlock **Six Chirps** = Double 0.8 second Lock, 0.8 second Unlock **Seven Chirps** = Door lock with "Comfort Feature"			
2 🔓	Ignition controlled door locks & unlocks	Ignition controlled door locks only	Ignition controlled door unlocks only	Without ignition controlled door locks & unlocks
3 📯	Pathway illumination feature "off"	Parking light turns "on" for 30- second upon an unlock signal	Parking light turns "on" for 30- second upon an unlock signal & 10-second upon a lock signal.	
4 ✳	Horn Chirp Output16 mS	Horn Chirp Output 30 mS	Horn Chirp Output40 mS	Horn Chirp Output10 mS
5 🔒 + ✳	The Vehicle without Turbo Timer mode	Press 🔓 and ✳ buttons at the same time to control Engine running three minute.	Press 🔓 and ✳ buttons at the same time to control Engine running five minutes	Press 🔓 and ✳ buttons at the same time to control Engine running ten minutes
6 📯 + ✳	Enable the out of range check	Disable the out of range check.		

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds to exit the program mode and the siren will chirp three long chirps.

Comfort Feature:

Some Vehicles have a special "COMFORT feature". When you lock the door with the key, you just have to keep on turning the key on the door about 5 or 7 seconds and the window will close directly.

If your vehicle with "COMFORT feature" and you wish the door being locked and the window being closed automatically at the same time by remote control, you can set the alarm feature **II-1** "with comfort feature

ALARM FEATURE "III" PRORAMMING:

1 Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.

2 Push the Valet switch **6** times and holding in on the **6ᵗʰ** push until **three** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'III'** programming mode.

3 Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses

1 🔒	H1/6 Pink Wire = Ignition 2 on during Crank	H1/6 Pink Wire = Ignition 2 off during Crank	H1/6 Pink Wire = Ignition 2 same as accessory	
2 🔓	H11/5 Brown Wire = Constant Siren output	H11/5 Brown Wire = 5-second pulse Siren output		H10/5 Brown Wire = Horn Output
3 🚗	H3/9 White / Blue Wire = 1 pulse activate	H3/9 White / Blue Wire = 2 pulse activate		
4 ✳	H4/4 White / Yellow Wire Disarm Signal Output = One Pulse Output	H4/4 White / Yellow Wire Disarm Signal Output = Same as Door Unlock Output		
5 🔒 + 🔓	H3/13 Yellow Wire = Ignition 3 on during Crank	H3/13 Yellow Wire = Ignition 3 off during Crank	H3/13 Yellow Wire = same as accessory	
6 🔒 + 🚗	H3/17 Black / Green Wire Channel 4 Output = 1 pulse output	H3/17 Black / Green Wire Channel 4 Output = Latched output until IGN ON	H3/17 Black / Green Wire Channel 4 Output = As long as TX button is held	H3/17 Black / Green Wire Channel 4 Output = Output for 15-sec.
	FIVE Chirps= Output for 30 sec.			
7 🔓 + 🚗	H3/18 Black / Red Wire Channel 5 Output = 1 pulse output	H3/18 Black / Red Wire Channel 5 Output = Latched output until IGN ON	H3/18 Black / Red Wire Channel 5 Output = As long as TX button is held	H3/18 Black / Red Wire Channel 5 Output = Output for 15-sec
	FIVE Chirps= Output for 30 sec.			
8 🚗 + ✳	H3/19 Black / Violet Wire Channel 6 Output = 1 pulse output	H3/19 Black / Violet Wire Channel 6 Output = Latched output until IGN ON	H3/19 Black / Violet Wire Channel 6 Output = As long as TX button is held	H3/19 Black / Violet Wire Channel 6 Output = Output for 15-sec
	FIVE Chirps= Output for 30 sec.			
*9 🔒 + ✳	H3/20 Black / Yellow Wire Channel 7 Output = 1 pulse output	H3/20 Black / Yellow Wire Channel 7 Output = Latched output until IGN ON	H3/20 Black / Yellow Wire Channel 7 Output = As long as TX button is held	H3/20 Black / Yellow Wire Channel 7 Output = Output for 15-sec
	FIVE Chirps= Output for 30 sec.			

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds to exit the program mode and the siren will chirp three long chirps.

REMOTE START FEATURE PROGRAM MODE.

START FEATURE "I" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **8** times and holding in on the **8**th push until **four** chirps with a long chirp is hearing then release the valet switch. You are now in the Start feature **'I'** programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps / LED three pulse	Four Chirps / LED four pulse
1 🔒 + 🔓	Gasoline Engine			

	Diesel Engine with Wait-To-Start Light (H3/9 White/Green wire must be connected)	10 seconds warn-up timer for Diesel Engine	15 seconds warn-up timer for Diesel Engine	20 seconds warn-up timer for Diesel Engine
	Five Chirps/ 30 seconds warn-up timer for Diesel Engine	Six Chirps/ 45 seconds warn-up timer for Diesel Engine		
2 🔒	10 minutes run time	20 minutes run time	30 minutes run time	5 minutes run time
3 🔓	Factory alarm disarm with channel 3 on	Without this feature		
4 🚗	Flashing parking light output	Constant parking light output		
5 ✳	Door lock before start	Door lock after shut-down	Door lock before start and Door lock after shut-down	Without this feature
6 🔒 + ✳	3 Hour Time start	2 Hour Time Start	1 Hour Time Start	
7 🚗 + ✳	Temperature-Control Start OFF	Temperature-Control Start 5F (-15C)	Temperature-Control Start – 4F (-20C)	Temperature-Control Start – 22F(-30C)
8 🔓 + ✳	Fahrenheit display for temperature	Celsius display for temperature		

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds to exit the program mode and the siren will chirp three long chirps.

START FEATURE "II" PRORAMMING:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **10** times and holding in on the **10ᵗʰ** push until **five** chirps with a long chirp is hearing then release the valet switch. You are now in the Start feature **'II'** programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps / LED three pulse	Four Chirps / LED four pulse
1 🔒	Exit the programming mode.			
2 🔒 + 🔓	Engine Checking Voltage	Engine Checking TACH..	Engine Checking OFF	
3 🔓	RPM learning			
	Start Timer: 0.6-second	0.8-second (2 chirps), 1.0-second (3 chirps), 1.2-second (4 chirps), 1.4-second (5 chirps), 1.6-second (6 chirps), 1.8-second (7 chirps), 2.0-second (8 chirps), 3.0-second (9 chirps), 4.0-second (10 chirps),		
4 🚗	Hi check level	Low check level		
5 ✳ - ✳	Start or Stop the system for TESTING & ADJUSTMENT			
6 🔓 + ✳	Test Mode for Trigger input	Test Mode for Sensor 1 / Shock Sensor (Zone 4).	Test Mode for Optional Sensor 2 (Zone 6)	

Exit: Press the 🔒 button to exit the program mode and the siren will chirp three long chirps.

ENGINE CHECKING TACH. / RPM LEARNING

Important Note: You must program the "Tach Signal" before trying to remote start.
1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **10** times and holding in on the **10ᵗʰ** push until five chirps with a long chirp is hearing then release the valet switch.
3. Press 🔒 and 🔓 buttons at the same time once to set the "Engine Checking TACH." One chirp confirms this setting.
4. Press the 🔓 button once, one chirp to indicate the system in features "RPM Learning mode".
5. Start the vehicle with the key.

-- While the engine is running, the parking light & LED will flash, If don't, please check tach. wire connection. (H3/7 White/Red) --

6. Press and hold the valet switch for 2 seconds until a long chirp. The RPM signal is learned.

7. Turns off the ignition switch to stop engine running.

Once you complete step 7, you can adjust and test "Check Level" as below:

CHECK LEVEL PROGRAMMING: (TEST and ADJUST)

1. Press the ✳ button twice to start the vehicle.
2. If everything goes well:
   a. Press the ✳ button twice to stop engine running. You have been completed this programming successfully.
   b. Press 🔒 button once to exit the program mode and the siren will chirp three long chirps.
3. If the crank time is too short, -- The engine did not successfully run before the starter quit cranking --:
   a. Press the ✳ button twice on the transmitter to stop engine running.
   b. Press 🕹 button to set proper "Check Level " to Hi position. Two chirps confirm this setting.
   c. Repeat the step1 – 4.
4. If the crank time is too long, -- Engine is successfully running, while the starter is still cranking --:
   a. Press the ✳ button twice on the transmitter to stop engine running.
   b. Press 🕹 button to set proper " Check Level " to Low position. One chirp confirm this setting
   c. Repeat the step1 – 4.

ENGINE CHECKING VOLTAGE

Important Note: The voltage "Check Level" for most vehicles would be set in "Hi Check Level**",** while in "Engine Check Voltage" mode, the "Check Level" must be set at "HI" position first.

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **10** times and holding in on the **10**th push until five chirps with a long chirp is hearing then release the valet switch.
3. Press 🔒 and 🔓 buttons at the same time twice to set the "Engine Checking Voltage". Two chirps confirm this setting.
4. Press 🕹 button twice to set "**Check Level**" to **"HI"** position. Two chirps confirm this setting.

Once you complete step 4, you can adjust and test "Start Timer" as below:

START TIMER PROGRAMMING: (TEST and ADJUST)

1. Press the ✳ button twice on the transmitter to start the vehicle.
2. If everything go well, Wait for 20 seconds:
   a. If the engine still running.
      I. Press the ✳ button twice to stop engine running. You have been completed this programming successfully.
      II. Press 🔒 button once to exit the program mode and the siren will chirp three long chirps.
   b. If the engine shut down after the vehicle has been started.
      I. Press the ✳ button twice to stop engine running.
      II. Press 🕹 button once to set "**Check Level**" to "LOW" position. One chirp confirm this setting
      III. Repeat the step1 – 2.
3. If the crank time is too long. -- Engine is successfully running, while the starter is still cranking --:
   a. Press the ✳ button twice to stop engine running.
   b. Press 🔓 button to set proper "Start Timer". The chirp will confirm these enter.
      -- Decrease "Start Timer" is necessary. --
   c. Repeat the step1 – 4.
4. If the crank time is too short. -- The engine did not successfully run before the starter quit cranking --:
   a. Press the ✳ button twice to stop engine running.
   b. Press 🔓 button to set proper "Start Timer". The chirp will confirm these enter.
      -- Increase "Start Timer " is necessary.--
   c. Repeat the step1 – 4.

ENGINE CHECKING OFF

1. Turn the Ignition 'switch 'ON/OFF' **3** TIMES and stay in **OFF** position.
2. Push the Valet switch **10** times and holding in on the **10**th push until **five** chirps with a long chirp is hearing then release the valet switch.
3. Press 🔒 and 🔓 buttons together three times to set the "Engine Checking Off". Three chirps confirm this setting.

Once you complete step 3, you can adjust and test "Start Timer" as below:

START TIMER PROGRAMMING: (TEST and ADJUST)

1. Press the ✳ button twice on the transmitter to start the vehicle.
2. If everything goes well:

a. Press the ✱ button twice to stop engine running. You have been completed this programming successfully.

b. Press 🔒 button once to exit the program mode and the siren will chirp three long chirps.

3. If the crank time is too long. -- (Engine is successfully running, while the starter is still cranking --:

a. Press the ✱ button twice to stop engine running.

b. Press the 🔓 button to set proper "Start Timer". The chirp will confirm these enter.

-- Decrease "Start Timer" is necessary --

c. Repeat the step1 – 4.

4. If the crank time is too short. -- The engine did not successfully run before the starter quit cranking --:

a. Press the ✱ button twice to stop engine running.

b. Press 🔓 button to set proper "Start Timer". The chirp will confirm these enter.

-- Increase "Start Timer " is necessary --

Repeat the step1 – 4.

RETURN TO FACTORY DEFAULT SETTING:

1. Turn the ignition ON then OFF 3 TIMES and stay in OFF position.

2. Push the Valet switch **12** times and holding in on the **12th** push until **six** chirp with a long chirp is hearing then release the valet switch. You are now in the "Return To Factory Default Setting" programming mode.

ALARM FEATURE ALL RETURNS TO FACTORY DEFAULT SETTING:

3. Press and hold the 🔒 and 🔩 buttons at the same time for 5 seconds, there will be a confirmation six chirp with 3 long chirp to confirm the system "Alarm Feature I & II & III Programming all returns to factory default setting.

START FEATURE ALL RETURNS TO FACTORY DEFAULT SETTING:

4. Press the 🔩 first, within 3 seconds press and hold the 🔒 and 🔩 buttons at the same time for 5 seconds, there will be a confirmation six chirp with 3 long chirp to confirm the system "Start Feature I & II Programming all returns to factory default setting.

TEST MODE

In this test mode, this system can test the all of the trigger input. The installer can save time to test the sensitivity of the 2-stage shock sensor and optional sensor without using the traditional arming/disarming procedures to test the sensors.

Enter:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.

2. Push the Valet switch **10** times and holding in on the **10th** push until **five** chirps with a long chirp is hearing then release the valet switch. You are now in the Start feature '**II**' programming mode.

a. Test the Trigger Input:

Press and release 🔓 and ✱ buttons at the same time once. One chirp to indicate you are in test mode.

Trigger sensor	Siren short chirps
Zone 1 / Hood trigger (H3/4 White/ Black wire)	1
Zone 2 / Trunk trigger (H3/1 Blue wire)	2
Zone 3 / Door trigger (H3/2 Green or H3/3 Violet wire)	3

b. Test the Sensor 1 / Shock Sensor (Connected to **H7** 4 Pin Plug)**:**

Press and release 🔓 and ✱ buttons at the same twice. Two chirps to indicate you are in the shock sensor (connected to **H7** 4 pin plug) test mode.

1. Activate the warn-away (first stage of the shock sensor); system will emit a short chirp.
2. Activate the full alarm (second stage of the shock sensor); system will emit a long chirp.
3. Continue to test the shock sensor until reach the proper sensitivity.

c. Test the Optional Sensor 2 (Connected to **H6** 4 Pin Plug)**:**

Press and release the transmitter 🔓 and ✱ buttons together three times. Three chirps to indicate you are in the optional sensor (connected to **H6** 4 pin plug) test mode.

1. Activate the warn-away (first stage of the optional sensor); system will emit a short chirp.
2. Activate the full alarm (second stage of the optional sensor); system will emit a long chirp.
3. Continue to test the optional sensor until reach the proper sensitivity.

Exit: While in test mode, turns the ignition on or press any button to exit the test mode.

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 tot a person's body.