TWO-WAY LCD VEHICLE SECURITY AND ENGINE STARTER SYSTEM

1 Ultra-long FSK communication range
(two-way range over 3000 ft.)

2 Compatible with factory security system

3 Multiple signal detection
(Oil sensor, High-Voltage and Tach)
for remote start (Option)

Manual for operation and installation

Please read this manual carefully before operate and install the machine

Thank you for purchasing Long-Range Two-Way FM Vehicle Security System

This vehicle security system features a state-of-the-art technology and FM design to give you maximum safety and satisfaction in using the system.

1) Please read this manual carefully before using this car alarm so that you'll take the full advantage of every marvelous features provided by the system.

2) The local authorized dealer is responsible for the service and warranty.

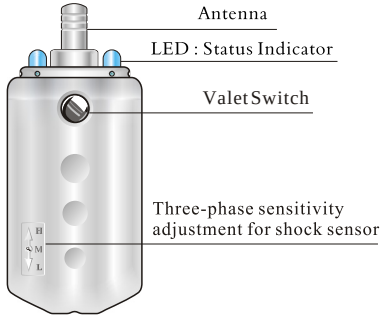
3) The system requires no specific maintenance. Your remote control is powered by a small **1.5volt LR03 AAA Alkaline** battery. When the battery weakens, operating range will be shortened. When the battery icon " " begins flashing on the LCD screen, please replace the battery.

4) This device complies with part 15 of 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

5) Due to the complexity of this system, it must be installed by an authorized dealer only.

6) All the modules and interconnection cables are inaccessible to the end user except the remote control, the communication unit and its signal cables.

Remote Control



Communication Unit

LIMITED WARRANTY

This Alarm & Starter product is warranted against manufacturing defects in material and workmanship for 180 days from the date of purchase from the authorized Dealer.

During the period, the Dealer will repair the products without charging the parts and labor cost.

The warranty does not cover damage or failure caused by or attributed to Act of God, abuse, misuse, improper or abnormal usage, improper maintenance, lightning or other incidence of excess voltage, or any repairs other than those provided by the Dealer's engineer and their facility.

When warranted time is expired, Dealer will repair the products only charging the parts cost.

Purchase Information

Name of Dealer _____

Address _____

Zip Code _____

Phone _____ Fax _____

Date of Purchase _____

Signature of Installation Engineer _____

Product Information

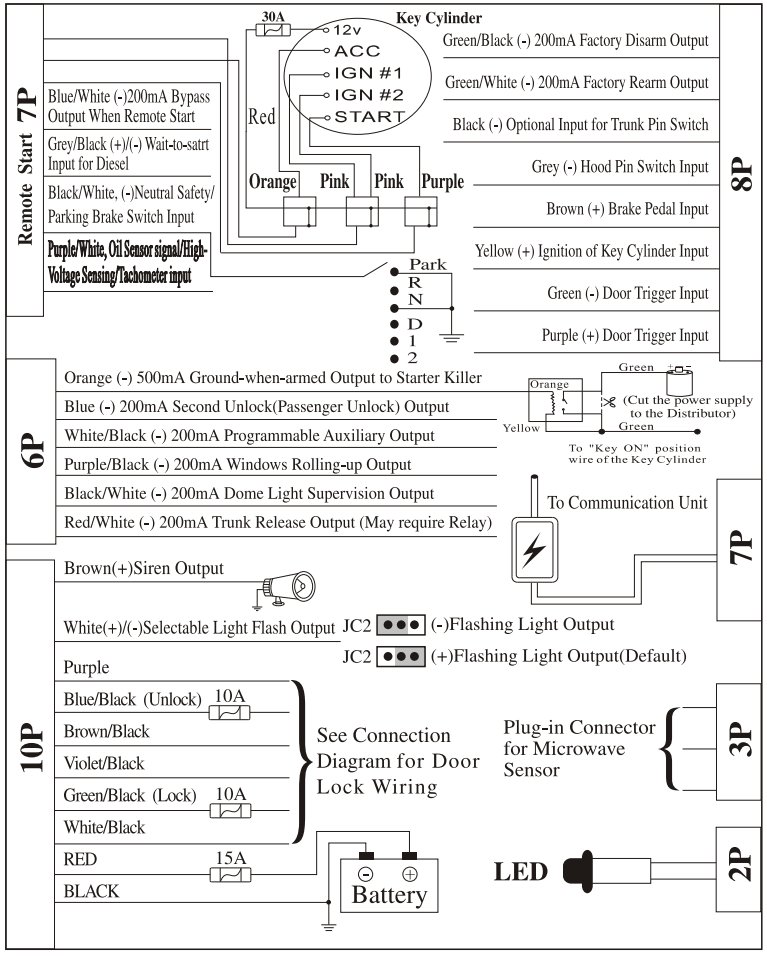
Model _____

Type of Vehicle _____

Serial number of Remote Control #1 _____

Serial number of Remote Control #2 _____

Quick Reference Guide for System Wiring

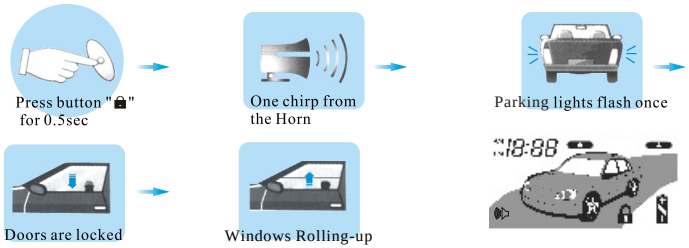


Icons	Icon Descriptions
	Indication of no Acknowledgement
	Door Locked (Car Armed)
	Door Unlocked (Car Disarmed)
	Trunk Released
	Triggered by Shock Sensor
	Door Opened
	Ignition On or Triggered by Illegal Start
	Hood Opened
	Triggered by Microwave Sensor
	Car Light Flashing
	Keypad is Locked
	Sound Arming
	Silent Arming
	RTC (Real-time Clock)
	RTC Mode
	PAC (Personal Alarm Call) Mode
	Battery Life Indicator
AUX	Auxiliary Output
	The System is in Arming Mode
	The Engine is in Short-Run/Turbo Mode
	The LCD Back Light is Enable

Button	Duration	Function	Condition
	0.5 sec	Arm and Lock	Non-driving
	2.0sec	Panic Mode	
	0.5 sec	Disarm and Unlock	
	2.0sec	Trunk Release	
	0.5 sec	Remote Query	
	2.0sec	Auxiliary Channel 5 Output	
+	0.5 sec	Remote Start Timer Mode	Non-driving, Armed
+	0.5 sec	Remote Start ON/OFF	
	0.5 sec	Lock	Driving
	2.0sec	Anti-robbery	
	0.5 sec	Unlock	
+	0.5 sec	Turbo Mode	
	2.0sec	To Activate Set-up Menu	Any time
+	0.5 sec	Keylock ON/OFF	
	0.5 sec	Hours or Minutes Increment	Correction of Real-time Clock or Time Set-up for Personal Alarm
	2.0sec	Hours or Minutes Increase Continuously	
	0.5 sec	Function Select	Menu Activated
	0.5 sec	Function Cancel	
	0.5 sec	Function Shift	

Note: "+" means press the buttons in sequence within 2 seconds.

Standard Arming Mode



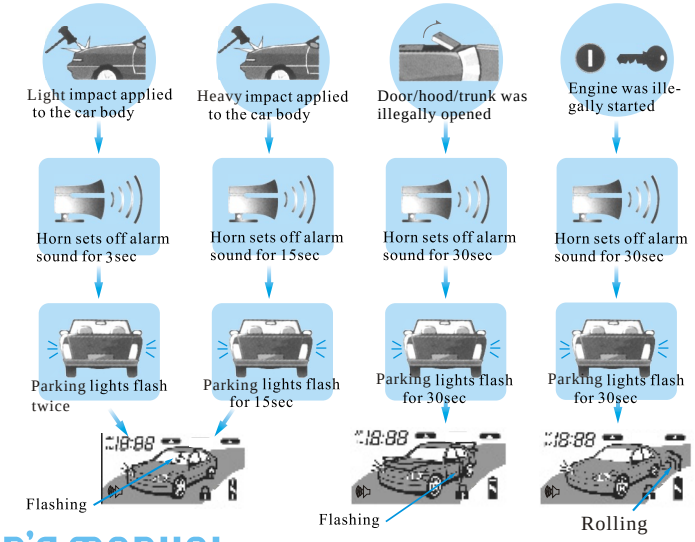
If you hear threemore chirps after arming,maybe you need tore-check the doors tosee whether they are properly closed.This chirp is calleddoor zone bypass notification.This notification isgiven out when some door isnot closed properly orif your car hasa dome light delay. After thenotification, the system will delay tomonitor the door zonefor an additional 20seconds or until thedome light turns off.

The system alsocan remind you ofarming the system ifyou forgot todo so. Thesystem will give out three siren chirps withlight flashes 20 secondsafter you turn off the ignition keyand close all thedoors. After hearing the audible reminder, you shouldpress button 🔒 to armand lock.

If you select toinstall a Field DisturbanceSensor, such asa microwave sensor,the system can reactto any intrusions into thefield with the fulltriggered sequence.

Note: This systemsupplies a windows rolling-upfeature. Awindows rolling-up module maybe necessary.

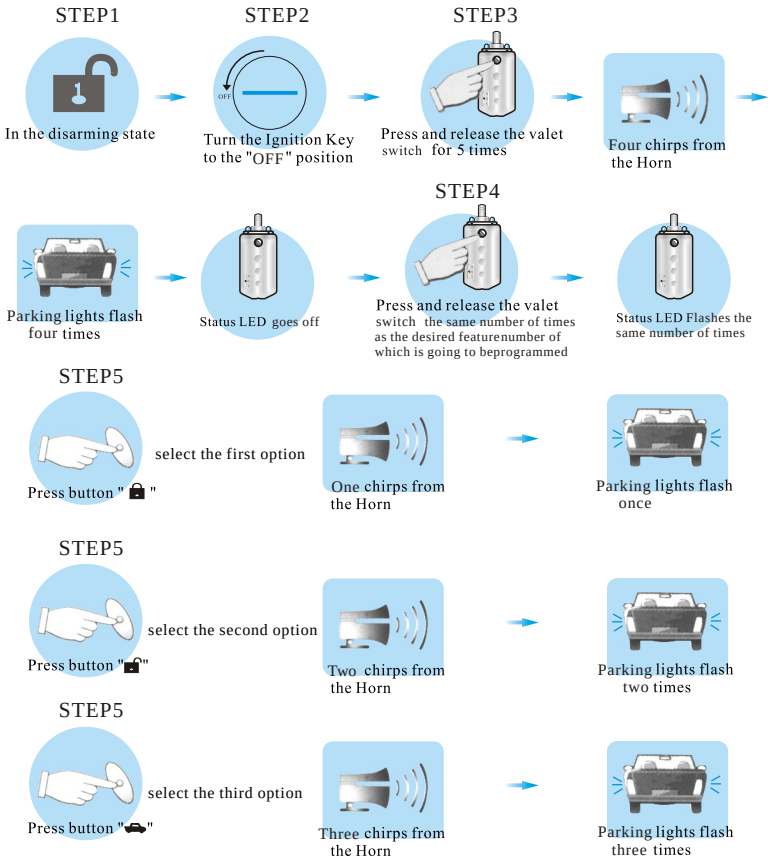
When Alarm is Triggered (In Arming State)



Checklist of Options

Features #	Option 1 (default)	Option 2	Option 3
1.Power motor/Vacuum door locking system	Power motor (0.8s pulse)	Vacuum (3.5s pulse)	
2.Single/double pulse unlock	Single	Double	
3.Automatic rearming	ON	OFF	
4.Auto door lock/unlock when ignition is on	ON	OFF	
5.Parking lights flash when door opened in disarm mode	ON	OFF	
6.Passive Arming	OFF	ON	
7.Passive locking in passive arming mode	OFF	ON	
8.Auxiliary Channel 5 Output	0.8 second pulse	15 seconds pulse	Latched output
9.Disarm when trunk release	ON	OFF	
10.Parking Lights Flashing/Constant	Flashing	Constant	
11.Gasoline/Diesel Engine Start	Gasoline	Diesel	
12.Glow plug polarity of Diesel	Negative	Positive	
13.Engine Run time	15 min	25 min	
14.Short Run/Turbo	1 min	2 min	3 min

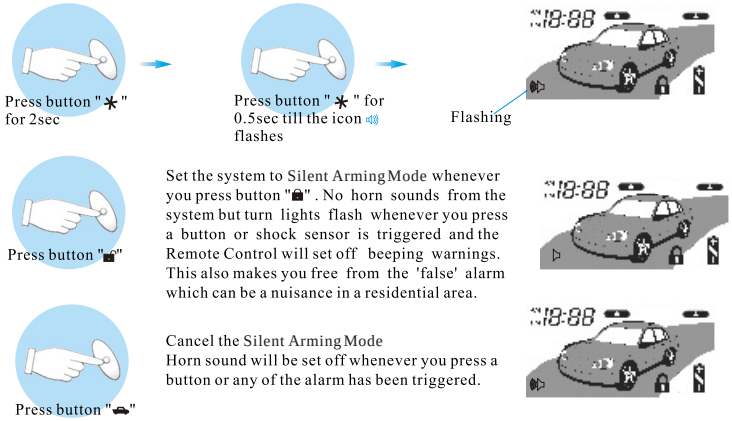
Program Features



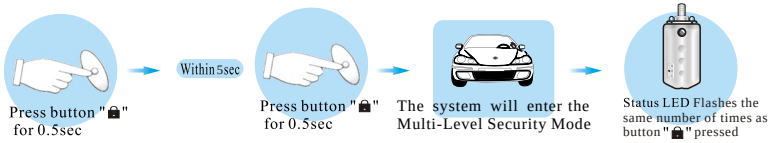
Note: Repeat step4 and step5 foreach feature tobe changed. If no programming activity occurswithin a 10second period, theFeatures Programming Mode willexpire.

Notes:
a: When alarm was triggered, engine was immobilized automatically.
b: To shut off the alarm sound from the vehicle, press button " " and the vehicle is still in the arming state.
c: When the Remote Control successfully received the triggered alarming status ,it sets off warning beeps every 20 seconds. To release the warning beeping , press any button of the Remote Control.
d: You may select anoptional field disturbance sensorsuch as microwave sensoror radar sensor, your system can reactto any intrusions intothis field with thefull triggered sequence.

Silent Arming Mode



Multi-Level Security Arming



Multi-Level Security Armingallow you to selectwhich of the system'sinputs or sensors willbe active and which will be bypassedwhen the system isarmed. Each time Button is pressed again, adifferent security level is selected.The different securitylevels are selected asfollows:

1.Press Button 🔒 once:The siren chirps once.The system isarmed. All zonesare active. LED indicator blinks once and thenpauses for 2.0 secondsand then repeats.

2.Press Button 🔒 a secondtime within 5 seconds:The siren chirpsonce again. Theshock sensor zone is now bypassed. LED indicatorblinks twice with atwo-second pause and thenrepeats.

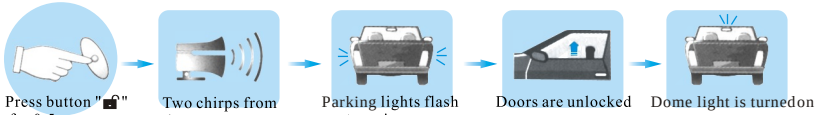
3.Press Button 🔒 a thirdtime within 5 seconds:The siren chirpsone more time.The Optional sensor zone (Microwave sensor zone) isnow bypassed. LED indicatorblinks three times witha two-second pause and then repeats.

4.Press Button 🔒 a fourthtime within 5 seconds:The siren chirpsone more time.The Shock sensor zoneand Microwave sensor zone arenow bypassed. LED indicatorblinks four times witha two-second pause and then repeats.

5.Press Button 🔒 a fifthtime within 5 seconds:The siren chirpsone more time.The Shock sensor zone, Microwave sensor zone. HoodPin Switch input andtrunk pin switch inputare now bypassed. LEDindicator blinks five times witha two-second pause andthen repeats.

Note: **Multi-Level Security Armingonly applies to asingle arming cycle. Oncethe system is disarmed and then re-armed,all the zones (inputs)will be active again.**

Disarming



1.Tamper Alert: If you hearfour additional siren chirpsand light flashes, please check yourcar to see whetherthe security system was triggered in your absence.

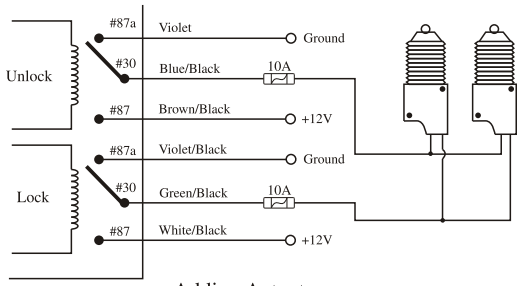
2.Security Rearming (Programmable):The system will re-enterinto last arming mode automatically ifno door is openedor ignition is stilloff within 35s after disarmedby remote. Thisfeature is to protectyour car from theft even whenyour car is disarmedby accident.

Status Indicator goes out

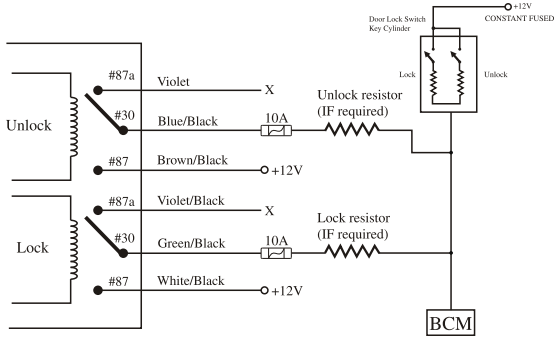
3. Central LockAutomation (Programmable): Thisfunction enables your vehicleto automatically lock the doors upon pressing brakepedal after ignition ison and unlock thedoors upon key off. During driving, youmay also press buttonA to lockor button B tounlock without activating securitymode.

4. Automatic DomeLight: The systemwill turn on thedome light every timeyou disarm your system.The dome light will go out30 seconds later orimmediately go out afteryou turn the ignitionon.

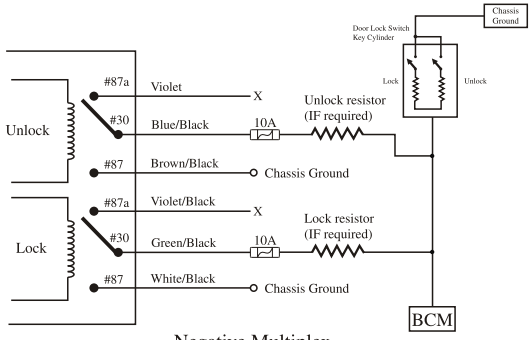
5. Passive Armingand Passive Locking:The system also canbe programmed to armitself automatically (call passive arming). Once passivearming is enable, thesystem will arm itselfin 40 seconds everytime after the system “sees” you turn ignition off and leave yourcar by opening andclosing the doors. Ifpassive locking function is enable, the system willlock doors at thesame time when enteringpassive arming.



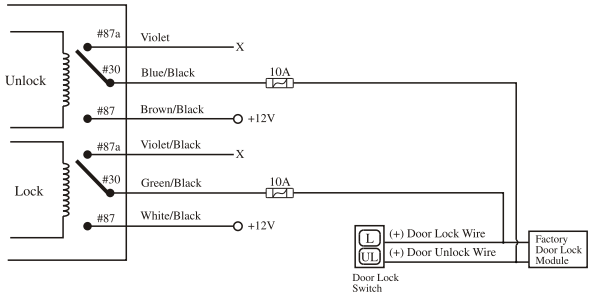
Adding Actuators



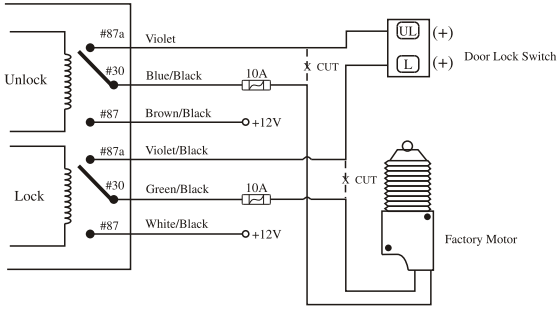
Positive Multiplex



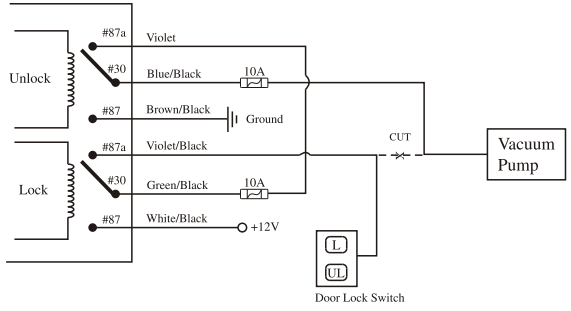
Negative Multiplex



Positive Triggered, Relay-Driver System

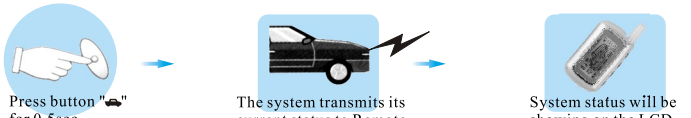


Reverse Polarity



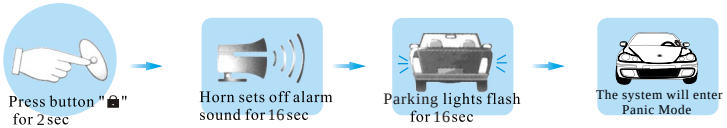
Vacuum Type

Query Function



Press button "🚗" for 0.5sec → The system transmits its current status to Remote Control → System status will be showing on the LCD screen and music tune will set off.

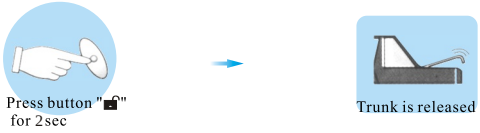
Panic Mode



Press button "🔒" for 2sec → Horn sets off alarm sound for 16sec → Parking lights flash for 16sec → The system will enter Panic Mode

To stop Panic Mode at anytime, press button 🔒 for2.0sec again or pressbutton 🔓 for 0.5sec.

Trunk Release



Press button "🔓" for 2sec → Trunk is released

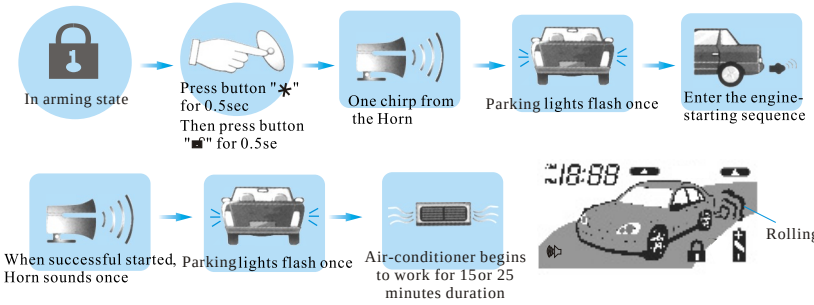
You mayselect whether disarm andunlock doors when trunkreleased by options.(This functionis suitable for cars with electrictrunk opener)

Auxiliary Output (Programmable)

Press button "🚗" for 2sec → Auxiliary channel 5 output

Auxiliary channel 5 outputis programmed to outputpulse of 0.5 seconds, 15 seconds or latchedsignal, reset with ignition.

Remote Engine Start (Must Need Remote Start Module)



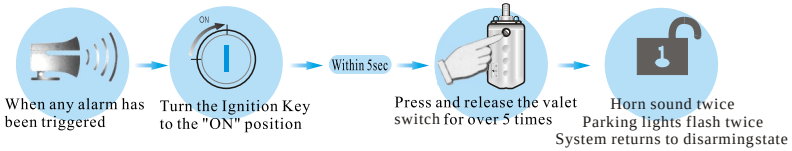
Note: 1. The parking lights will flash every 30 seconds during the engine is running
2.Never start the vehicle if it is not in either PARK or NEUTRAL position and never forget to activate the parking brake before remote start.
3.In gasoline vehicles, the engine will wait 6seconds to start after the parking lights flash. In diesel vehicles, the engine will start when the WAIT-TO-START indicator on the vehicle's dash goes out.
4.It is unsafe to remote start the vehicle in a garage or other enclosed area. Breathing the exhaust from the vehicle is hazardous to your health.

How to Drive Your Remote Started Vehicle:
1) Press button 🔓 0.5sto unlock and disarm and open the door.
2) Insert the ignition key and turn it to the ON (not the START) position in 30seconds.
3) Press the brake pedal.

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

Remote shut down:
While the vehicle is running during remote start operation, the system will monitor the vehicle and will automatically shut down the engine if the system receives any of the following shut-down inputs:
1)The brake pedal is pressed.
2)The hood is opened.
3)The pre-programmed runtime (15 or 25minutes) has elapsed.
4)Press button ✱ and button 🔓 again.
5)The TACH or Oil sensor or High voltage signal disappear.

Disarm the System Without Remote Control



Pin 4: GREY WIRE: Hood Pin Input (-). Connect this wire to the hood pin switch. The switch must supply a ground output(-) when switch is opened. This input will disable or shutdown the remote start when the hood is opened. It will also trigger the security system if the hood is opened while the system is armed.

Pin 5: BROWN WIRE: Brake Input (+). Connect to the wire that shows +12V when pressing the brake. The brown wire is a safety shutdown wire that must be connected.

Pin 6: YELLOW WIRE: (+) Ignition Input of the Key Cylinder to Alarm. Connect to the ignition wire that provides +12V when the ignition is on and while cranking the starter.

Pin 7: GREEN WIRE: Negative Door Input (-). Most vehicles use negative door trigger circuit. Connect the green wire to the wire that shows ground when any door is opened. In vehicles with factory delays on the dome-light circuit, there is usually a wire that is unaffected by the delay circuit.

Pin 8: PURPLE WIRE: Positive Door Input (+). Connect to the door switch circuit wire that shows +12V when any door is opened. This type of door circuit is usually found on Ford Vehicle.

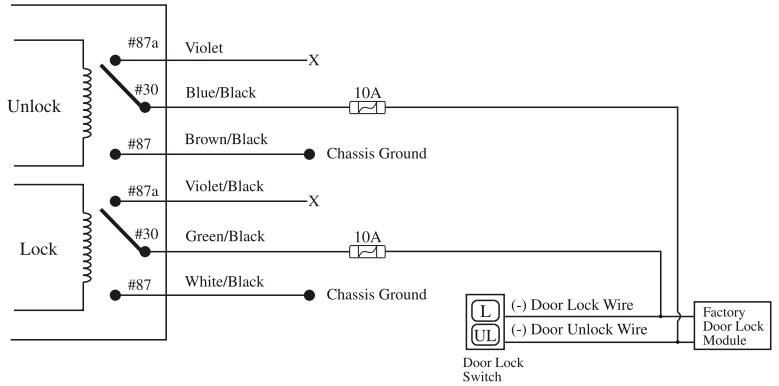
Peripheral Plug-in Connectors

7-PIN White Connector: Two-way Transceiver Communication Port

3-PIN Black Connector: Optional Sensor Input port, for example, the Microwave Sensor.

2-PIN White Connector: LED Port. Mount LED in an area where it may be easily seen from either side of the vehicle.

Door Lock Wiring Diagram



Negative Triggered, Relay-Driver Systm

Pin4: Blue/Black: Unlock #30 Common (Output)

Pin5: Brown/Black: Unlock #87 Normally Open(Input)

Pin6: Violet/Black: Lock #87a Normally Closed

Pin7: Green/Black: Lock #30 Common (Output)

Pin8: White/Black: Lock #87 Normally Open(Input)

Pin9: Red: Constant +12V Input.Connect this wire tothe battery or ConstantPower wire at theIgnition Switch with a 15AmpSupply.

Pin10: Black: System Ground. Connect thiswire firmly to theChassis Ground.

6-pin Secondary Harnessfor Outputs(H2)

Pin 1: ORANGEWIRE: Armed Output (-) 500mA.The orange wiresupplies a ground outputwhile armed to activate a relayfor starter defeat andanti-grind protection.

Pin 2: BLUEWIRE: Second unlock (passenger unlock)output(-) 200mA This system is equippedwith a dedicated passenger unlock outputallowing two stage doorlock operation. Whenconnected this wire, disarming the system willunlock only the drivers door. Pressingthe disarm button againwill unlock all doors..

Pin 3: WHITE/BLACK WIRE: Auxiliary Channel 5Output (-) 200mA. Thiswire provides a (-)200mA output whenever the transmitterbutton is pressed for2S. This outputcan be programmed toprovide the follo wing types of outputs:
a.0.8-second timed: Outputthat will send aground pulse of 0.8second.
b.15-second timed: Outputthat will send aground continuous pulse for15 seconds.
c.Latched,reset with ignition:Output that will senda signal when theChannel 5 button (button) is pressed and will continue until thesame button (button)is pressed again. Itadditionally stops output wheneverthe ignition is turned on.

Pin 4: PURPLE/BLACKWIRE: Auxiliary 4 Output (-)500mAfor windows rolling-up option.Connect to a power window module.

Pin 5: BLACK/WHITEWIRE: Dome Light Output (-)500mA. Connect to thewire that activate thevehicle's dome light, usually thedoor pin switch wire.Note: the dome lightoutput can usually connectto the same wire used for the doortrigger input (see purpleand green door inputwire).

Note: This outputis only intended todrive a relay. It can notbe connected directlyto the dome light circuit, as theoutput cannot support thecurrent draw ofone or morelight bulbs.
Never use thiswire to driveanything but a relay or alow-current input. Thetransistorized output can only supply 200mAof current. Connectingdirectly to asolenoid, motor,or other high-current device will cause itto fail.

Pin 6: RED/WHITEWIRE: VehicleTrunk Release Wire (-)500mA. Connect thiswire to the electronic trunk opener. (Relaymay required).

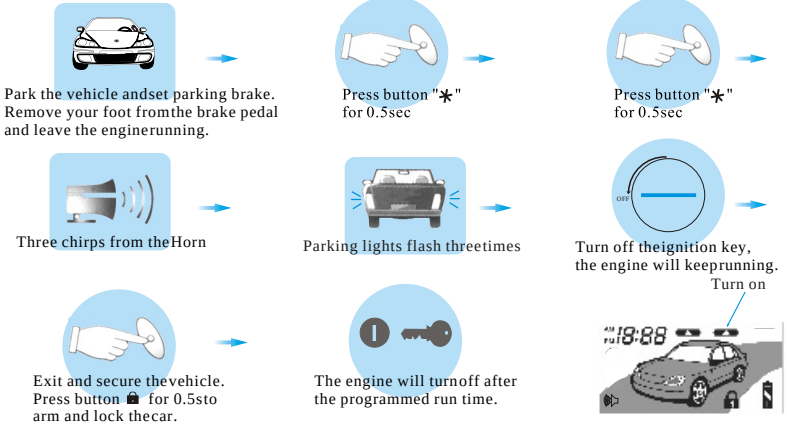
8-pin 2510 Harnessfor Inputs andOutputs(H3)

Pin 1: GREEN/BLACKWIRE: Factory Disarm Output (-)500mA. This wireprovides a ground outputon disarming and before remotestarting to disarm afactory security system. Connectto the wire thatrequires a ground pulse to disarmthe factory security system.

Pin 2: GREEN/WHITEWIRE: Factory Rearm Output (-)500mA. This wiresupplies a ground outputon remote start shutdown torearm a factory securitysystem. Connect to thewire that requires aground pulse to rearm the factory securitysystem.

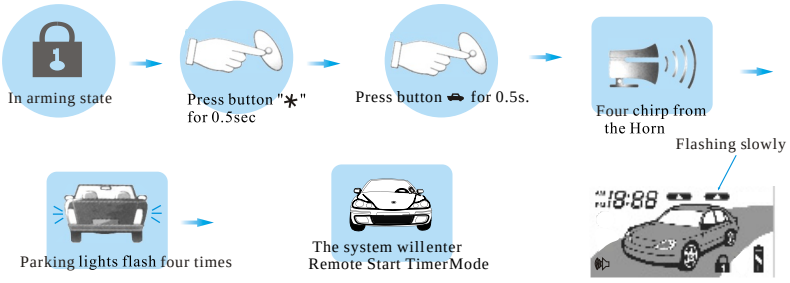
Pin 3: BLACKWIRE: Optional Sensor Input (-).Connectto an optional instantsensor such as trunkpin switch.

Turbo/Short Run



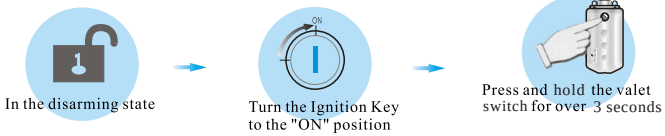
Note: Once you activatethe short-run turbo mode,the system will remainthis mode always. Ifyou don t want this mode anymore, press button ✱ + ✱ againto cancel it anytime.

Remote Start Timer Mode



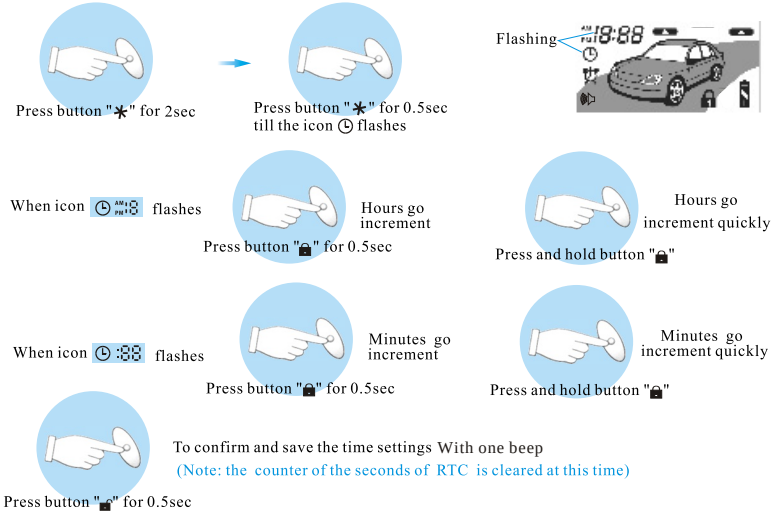
1.In this mode, thesystem will start theengine every 3 hours,for a maximum ofsix cycles. Theengine will run for the programmedrun time and thenshut down to keepengine warm in thecold weather.
2.The remote start command ✱ + can shut down theengine in timer mode,but the system willremain in the timer mode.
3.To exit timer mode, press button 0.5s to disarm thesystem, turn the ignitionkey on and thenpress the brake pedal or press button ✱ 0.5s and thenbutton 0.5s again.
4.If any other shutdown zones or alarmhas been triggered, thetimer mode will cancel.

Valet Mode



In Valet Mode ,the alarm works just as a keyless entry (door lock/unlock, trunk release, car finding) without any security functions. The Status Indicator will be solid on all the time. To exit the Valet Mode, repeat above again.

Correction of Real-time Clock



To confirm and save the time settings With one beep

(Note: the counter of the seconds of RTC is cleared at this time)

Harness Description

5 Heavy Gauge Starter Harness in the Starter Module (Ignition Switch Interface)

Purple Wire: Starter Output (+). Connect to the vehicle's starter wire.

ORANGE WIRE: Accessory Output(+). Connect to the accessory wire coming from the ignition switch that supplies power to the heater/air-conditioner. Some cars may have multiple accessory wires.

PINK WIRE A: Ignition Output (+). Connect to the main ignition wire that provides +12V when the ignition is on and while cranking the starter.

PINK WIRE B: Second Ignition Output (+). Connect to the second ignition wire of the vehicle.

RED WIRE: Main Power Input (+). Connect to the battery or constant power wire at the ignition switch with a minimum 30 Amp supply. **Remove the fuse until the installation is completed and all wiring is checked.**

7-pin Connector Secondary Harness for Remote Start (H4)

Pin1-3: Factory wiring to the remote start module.

Pin4: BLUE/WHITE WIRE: (-) 200ma bypass output when remote start. Connect this wire to the interface of Remote Start Bypass Module.

Pin 5: GREY/ BLACK WIRE: Diesel wait-to-start bulb input. (-) Connect this wire to the wire in the vehicle that sends the signal to turn on the WAIT-TO-START bulb in the dashboard. In most diesels, the wire is negative (ground turns on the bulb) and the GRAY/BLACK wire can be directly connected to the wire in the vehicle. If the vehicle uses a positive wire (12V to turn on the bulb), you must set the proper signal polarity in the options list (Features #12).

Pin 6: BLACK/WHITE WIRE: (-) Neutral Safety Switch Input. Connect this wire to the PARK/NEUTRAL switch in the vehicle. This wire will test with ground with the gear selector either in PARK or NEUTRAL. This will prevent the vehicle from accidentally being started while in a drive gear. This input MUST rest at ground in order for the remote start system to operate. Connected properly the vehicle will only start while in PARK or NEUTRAL. You may also connect this wire to the Parking Brake Switch.

Pin 7: VIOLET/WHITE WIRE: Oil Sensor signal (Default), High-Voltage Sensing or Tachometer Input (Optional) Input wir module with information about the engine's resolution per minute (RPMs). Connect to the vehicle's tach wire. Common locations for a tachometer wire are the ignition coil, instrument cluster, fuel injectors, or engine computers. The correct wire shows between 1V to 6V (AC) and fluctuates with the idle of the engine when testing with a multi-meter capable of testing AC voltage.

Note: This wire has the same function with the High-Voltage sensing input, so it is a alternative solution when voltage sensing input does not supply satisfactory operation. If connect to the High-Voltage sensing input, you must coil this wire five loops onto the High-Voltage from the engine distributor.

10-Pin Connector Primary Harness (H1)

Pin 1: BROWN WIRE: Siren Output (+). The brown wire must connect to the red wire of the siren. The black wire must be grounded.

Pin 2: WHITE WIRE: Parking Light Output (+/-) Relay. Connect this wire to the circuit that shows +12V or ground only when the parking lights are on and set the internal parking light relay jumper to the proper polarity. For parking light circuits exceeding 10 Amps, a relay is required. For vehicles with independent left and right parking light circuits, diodes must be installed to keep the circuits separate.

Note: Do not connect the white wire to the vehicles headlight circuit.

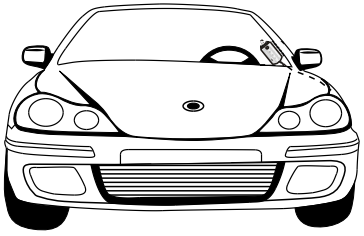
Pin3: Violet: Unlock #87a Normally Closed

System Installation

1.Due to the complexityof this system, installationmust only be performedby an authorized dealer.
2.Thoroughly read and becomefamiliar with the installationinstructions before beginning theinstallation.
3.Review system contents:
a.Main Control Unit
b.Siren
c.Communication unit withbuilt-in Shock Sensor andValetSwitch
d.Starter Kill Relay
e.Remote Starter Modulewith 5-pin Starter Harness.
f.Harness:
4.Verify vehicleis equipped with electronicfuel injection, and starts/idlesnormally before installation.
5.Determine if vehicle isequipped with a factorytheft deterrent system andobtain proper bypass module if required.
6.Find a location tomount the hood pinswitch that will notinterfere with the openingof the hood, and is not in aposition that can accumulatewater. Thehood pin is asafety device that mustbe installed to avoid remote starting duringengine servicing.
7.Verify withthe owner, themounting locations for allvisible components, including theLED and Receiver.
8.Verify withthe owner, theoptional features of vehiclesecurity system and thefeatures that must be programmed during installation.
9.Inspect and perform afunction test of allvehicle systems before andafter the installation.
10. Always use aVolt/ohmmeter for testing vehiclecircuits. Never use atest light.
11. Always look before drillingany holes or mountingself-tapping screws. Be surefuel lines and exterior wiring looms are clearas they are oftenclose to the chassisand difficult tosee.
12. Protect all wires runningfrom the engine compartmentto the interior ofthe vehicle by coveringwith electrical tape and splitloom tubing. Be sureto use a grommetwhen routing wires throughthe firewall.
13. Properly fuse any additionalaccessories such as startermodule, window module, doorlock actuators, etc., Making sure topower them separate fromthe alarm Main Unit.This will ensurethe functionality of the security system inthe event of anaccessory failure.
14. Remove all fuses toavoid running down thebattery during installation.
15. Roll down the driver'sside window to avoidlocking the ignition keysin the vehicle.

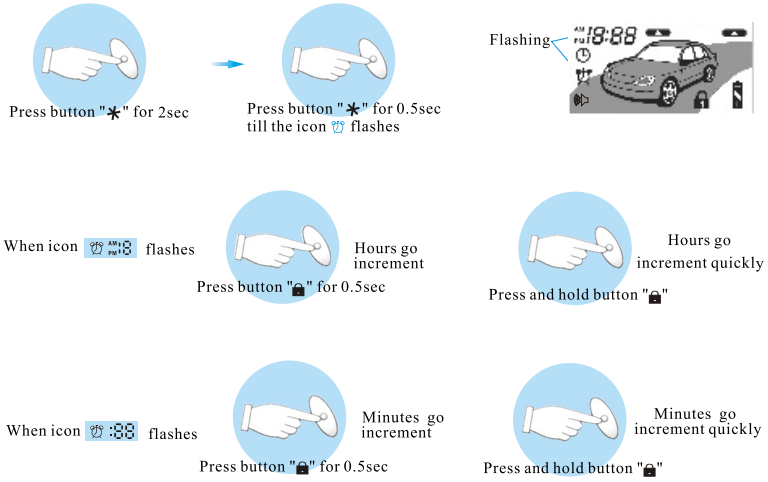
Install Guide For Communication Unit

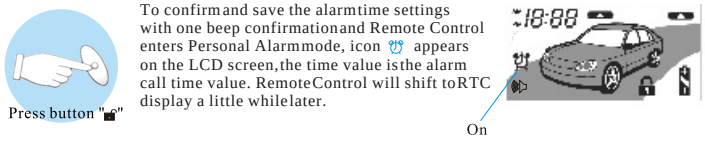
The mounting place of Communication Unit has a substantial influence upon the communication range of the system. It is recommended to install the Communication Unit to the **left-upper side (left-steering wheel)** on the front window blind of the driver's seat. Before mounting note to clean the mounting position with a wet cloth in order to glue the Communication Unit firmly.

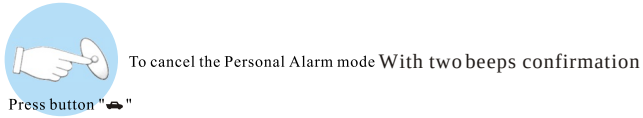


Hide the wire by carefully pushing it inside the space of the front window's blind mold trim .

Time set-up for Personal Alarm

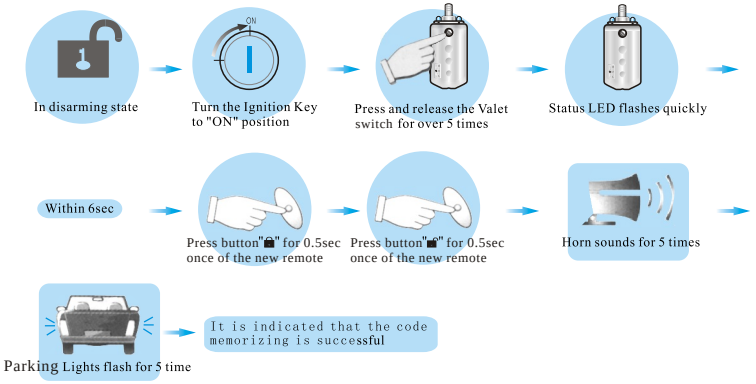






Note:Alarm beeping will beactivated when time reachesthe setting alarm time and Remote Controlwill remain in thePersonal Alarm modeautomatically. If you want toexit Personal Alarmmode, just press button"✱" for 2sec and then press"✱" for 0.5sec till theicon flashes, and pressbutton "🚗"to cancel PAC Mode.

Code Memorizing of Remote Control



Note:

a: The Remote Control's code has been memorized in the factory , you do not need to memorize it unless you lose the Remote Control and obtain a new one or you want to buy one more Remote.

b: The system can memorize at most two Remote Controls.

Key Lock Function of Remote Control

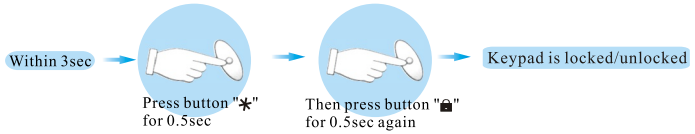
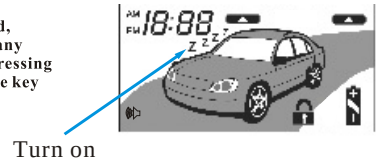


Figure shows the keypad is locked, when keypad is locked, pressing any key will not be activated unless pressing the "*+🔒" combination to cancel the key lock mode.



Installation Adjustment for Shock Sensor

The shock sensor isbuilt in the communication unit.Youcan adjust the shocking sensitivityby changing the position "H" , "M", or " L"of the adjustment switch onthe communication unit.

Door Status Warning (Programmable)

The lights willflash to inform youthat some door isnot closed well. When temperately parking, suchflashing may warn coming carsto take care. Itis suggested to cancelthis feature when yourcar has a domelight delay.

Status Memory

This system mayremember the status beforepower off soas to restore theformer working status suchas arm mode 、 disarm mode and Valet mode,even if the powersupply is destroyed.

Smart LED Indicator

In arming status: LEDflashes the same numberas the times ofpressing button 🔒 within 5seconds.
In turbo state: LEDstays solid for 2seconds, then pause for2 seconds.
In valet mode: LEDstays solid.
ACC, Door, Hood/Trunk triggered: LED stayssolid for 0.5 seconds,then pause for 0.5seconds.

High Frequency

Your systemremote control and communicationunit are produced byFM technology at 433Mhz. This provides a cleanerspectrum with less interferenceand a more stablesignal. Enjoy a phenomenal increase in range, evenin areas with highradio interference.

Code Hopping

This system uses codehopping technology to increasethe security of thealarm. In case theremote falls out of syncwith the main controlunit, it will failto operate the system.To re-syncthe system, please remove the batteryof the remote, waitfor 10 seconds andre-power the remote again,and then press button 🔓 , thealarm will automatically re-syncand respond to theremotes normally.