MEGA 3200
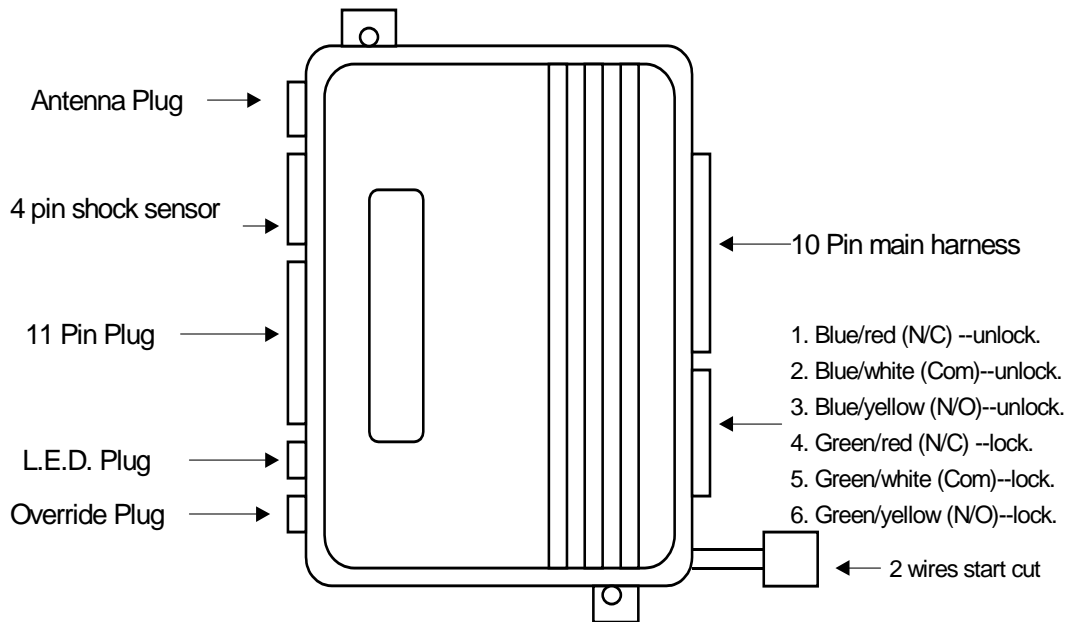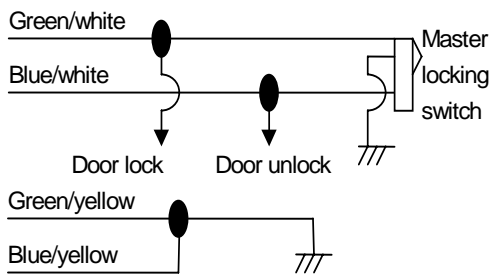
REMOTE CONTROL AUTO ALARM SYSTEM
INSTALLATION & OPERATION INSTRUCTIONS

Antenna Plug →

4 pin shock sensor →

11 Pin Plug →

L.E.D. Plug →

Override Plug →

← 10 Pin main harness

1. Blue/red (N/C) --unlock.
2. Blue/white (Com)--unlock.
3. Blue/yellow (N/O)--unlock.
4. Green/red (N/C) --lock.
5. Green/white (Com)--lock.
6. Green/yellow (N/O)--lock.

← 2 wires start cut

Negative door lock.

Green/white
Blue/white
Door lock   Door unlock
Master locking switch
Green/yellow
Blue/yellow

Positive door lock.

+12V
Green/white
Blue/white
Door lock   Door unlock
Master locking switch
Green/yellow
Blue/yellow
+12V

3 A Fuse

Red Wire: +12V To Fuse Box   **+12**

Red / White Wire: Parking light power   10A Fuse

White wire :Parking Light Output   **Parking light**

Brown Wire: To Siren   **Existing door pin switch**

Light green wire :Dome Light Output   **Dome Light**

Black Wire: To Ground

Light green wire :Dome Light power

Entry illumination

Connect to +12V for + switch
or to ground for - switch

Gray Wire:Channel 2 (Trunk release) output   Connect to active

trunk release button

Yellow Wire: To Ignition Switch

Gray Wire:Channel 2 (Trunk release) power   **Trunk release**

Connect to +12V for + switch
or to ground for - switch

Violet Wire: Positive Door Pin Switch

Green Wire Negative Door Pin Switch: +12V

Blue Wire: Instant Trigger Ground Input   +12V

Red Wire: (-) 200mA channel 4 output

Gray Wire: (-) 200mA two step door unlock output

White Wire: (-) 200mA horn output   N.O. circuit block

Cut
85   30   86
87a
87

Pink Wire: (-) 200mA headlight output

Yellow Wire: (-) 200mA channel 3 output

N.C. circuit block
Cut

Brown Wire: (-) 200mA pager output

85   30   86
87a
87

Black Wire: 500mA Grounded when disarmed

Orange Wire: 500mA Grounded when armed
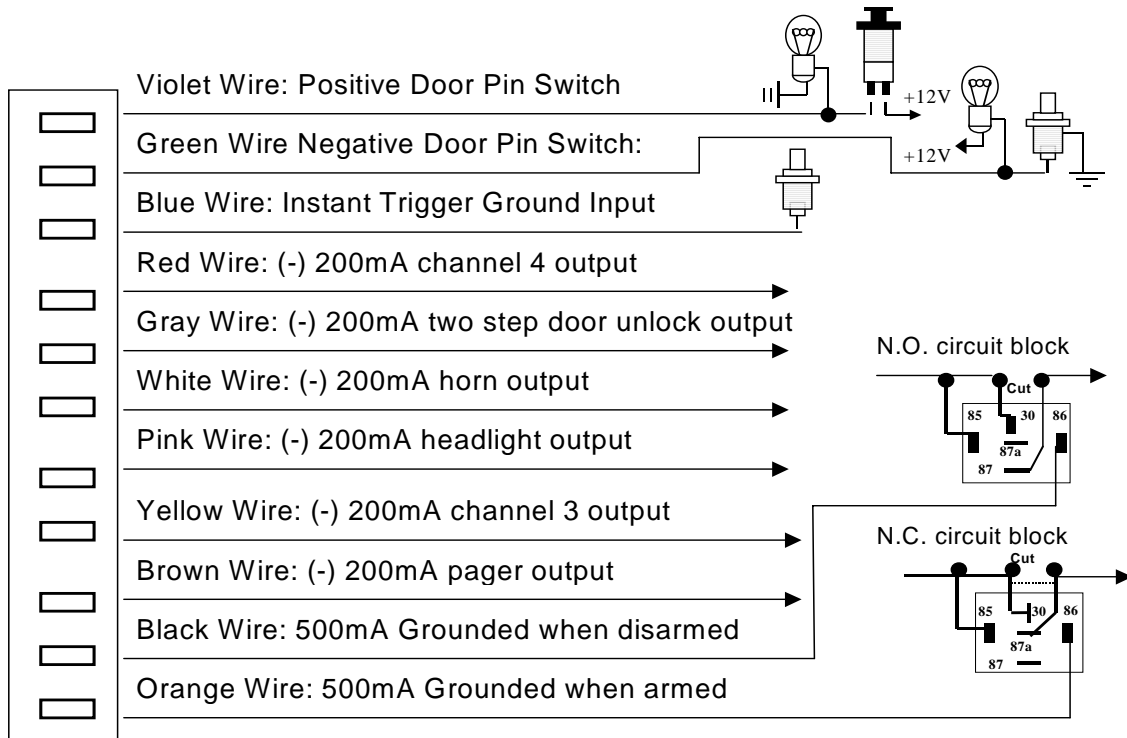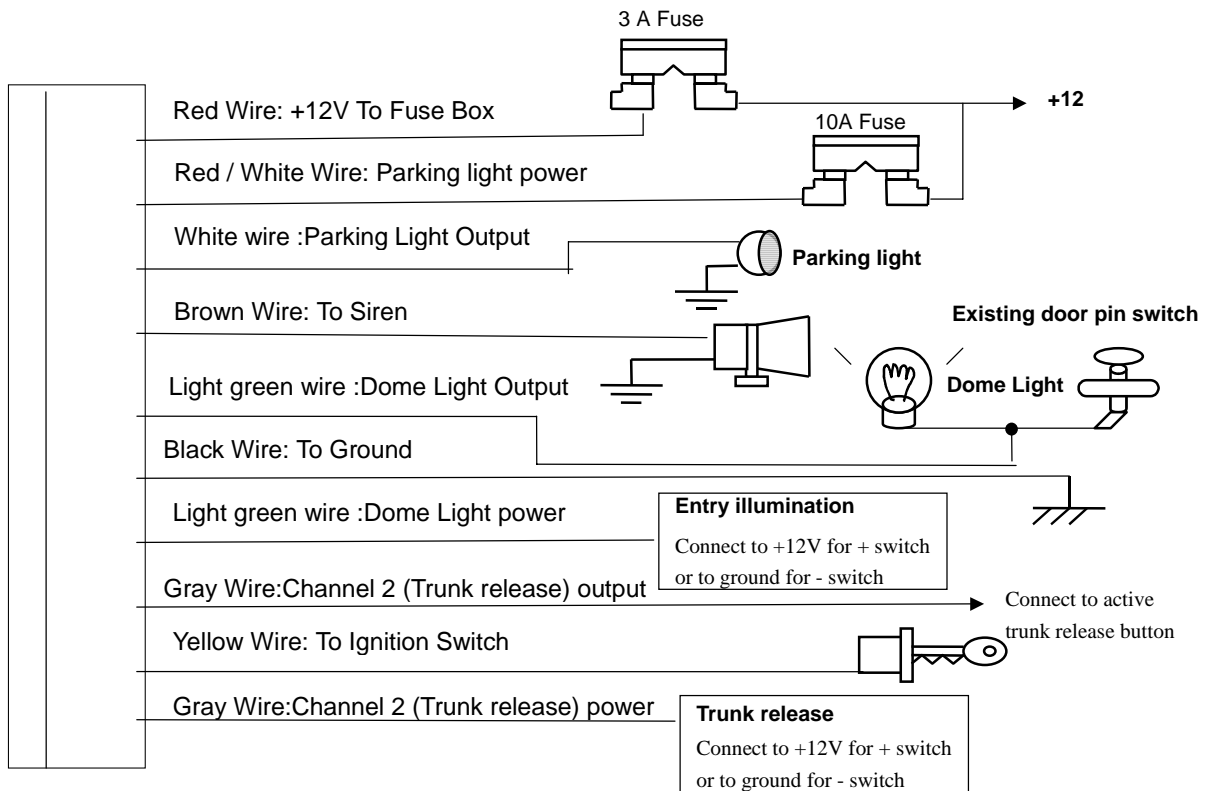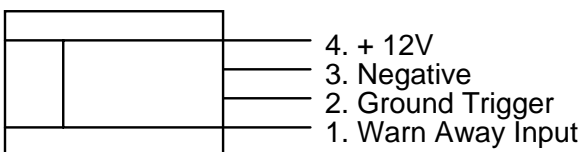
B. 2 PIN STARTER DISABLE PLUG:
  This output can control starter disable, when an intrusion is detected and the system is triggered, the vehicle is prevented from
  any unauthorized starting. Starter wires with 30 A relay built-in

C 4-PIN WHITE PLUG FOR ACCESSORY DETECTION DEVICES

4. + 12V
3. Negative
2. Ground Trigger
1. Warn Away Input

A. PROGRAMMING TRANSMITTER:

Maximum is 4 transmitters. Two modes of programming, one is designated channel, (Button 1 is arm/disarm) the other is auto channel setting. (Button 1 is arm, button 2 is disarm.)

1. Enter:
   Turn ignition to 'on' position. Within 15 seconds.
   Push valet switch **3 times** to enter **designated** channel; if push **6 times** it will be **auto** channel.
   1 long chirp to enter each channel's programming.

2. In designated channel:
   In program 1st transmitter the LED will with one flash…pause sequence.
   Press button 1 to program channel 1, 1 short chirp and LED on to confirm programmed and ready program channel 2.
   Press button 2 to program channel 2, 2 short chirps and LED on to confirm programmed and ready program channel 3.
   Press button 3 to program channel 3, 3 short chirps and LED on to confirm programmed and ready program channel 4.
   Press button 4 to program channel 4, 4 short chirps and LED on to confirm programmed
   Program 2nd transmitter, push valet switch one time, the LED will with two flashes…pause sequence.
   Press button 1 to program channel 1, 1 short chirp and LED on to confirm programmed and ready program channel 2.
   Press button 2 to program channel 2, 2 short chirps and LED on to confirm programmed and ready program channel 3.
   Press button 3 to program channel 3, 3 short chirps and LED on to confirm programmed and ready program channel 4.
   Press button 4 to program channel 4, 4 short chirps and LED on to confirm programmed
   Program 3rd transmitter, push valet switch one time again, the LED will with three flashes…pause sequence.
   Use above steps to program each channel.
   Program 4th transmitter, push valet switch one time again, the LED will with four flashes…pause sequence.
   Use above steps to program each channel.

3. In auto channel:
   In program 1st transmitter the LED will with one flash…pause sequence.
   Press any button on 1st TX, 1 short chirp confirm programmed and ready program 2nd TX
   The LED will with two flashes…pause sequence.
   Press any button on 2nd TX. 1 short chirp confirm programmed and ready program 3rd TX.
   The LED will with three flashes…pause sequence.
   Apply the same procedure to program 3rd and 4th.

4. Exit:
   Turn ignition to 'off' position, or leave it for 15 seconds. A 3 long chirps to confirm exit.

Note: If more than 4 transmitters programmed, the system only kept the last 4 transmitters.

!!! The designated channel & auto channel transmitters can exist independently.

Δ **This system has an unique optional passive/active transmitter design, it's programming is the same as above. (To see how it works, please see operation part.)**

B. PROGRAMMING OPTIONAL SENSOR (PIR OR DOOR/WINDOW SENSOR)

This system has a very unique interfacing with optional sensor, to extend more protection, such as PIR sensor or Door/Window sensor.

For example, in your garage you can put a PIR for protection. (A device to detect person's movement in a protected area.) If system armed, a person walk through the detect area, the siren inside the car will alarming to raise the attention to the owner. So the same thing applies in door/window sensor, (A device to detect door/window open.) you may put the sensor to the garage door or window. If system armed, a person opens the door or window, the siren will alarm.

Set the PIR and door/window sensor the same code if you use both of them.

The programming procedure is the same as above A. PROGRAMMING TRANSMITTER of auto channel, The difference is only upon enter you **push the valet switch 9 times.** (1 long chirp to confirm enters).

During programming, you will need to activate the sensor to let the system program it's code. (Only one code could be program)

* While arming, system setup a 30 seconds arming delay for PIR and door/window sensor.

C. PROGRAMMING FEATURES:

NOTE: if IGN.car-jacking feature is set ON position, to enter Feature Programming mode, turn the Ignition key 'on' within 10 seconds press the valet switch once(to reset car-jacking feature),turn the Ignition key 'off', press the valet switch 6 times, a long chirp confirms you are in first stage Programming mode, then follow programming features section C.2.

There are 2 stages of totally 15 programming features to select. (Factory preset all features to "ON" position)

1. Enter:
   Turn the ignition 'on' then 'off'. Within 15 seconds push the valet switch 6 times. (A long chirp.) It is on first stage programming features.
2. First stage programming features:
   Push the valet switch times that equal the feature number you want. Example: Push valet switch 2 times, it's on chirp on/off selection. The siren will chirp 2 times, LED flash 2 times to confirm enter this feature.
   Select chirp on, turn ignition from 'off' to 'on'. 1 chirp for confirmation.
   Select chirp off, turn ignition from 'on' to 'off'. 2 chirps for confirmation.
   If you want to program transmitter car-jacking when the system is on chirp on/off, push valet switch 4 times again. (Siren chirp 6 times, LED flash 6 times) The system will add on the previous valet switch pushing.
   Note: Totally push valet switch 8 times, the siren chirp 8 times, and LED with 8 flashes… pause sequence. If push the valet switch again, system will return to feature 1. (Siren chirp 1 time, and LED with 1 flash…pause sequence. It's cycling.)
3. Second stage programming features:
   Enter: Again push & hold the valet switch for over 2 seconds, with 1 long chirp confirmation.
   By using first stage programming features method to program second stage's features.
4. Exit:
   During programming, if you don't respond to previous step in 15 seconds, or any time press transmitter's button 1, it will exit features programming, which indicates by 3 long chirps.

FIRST STAGE:

Push valet switch times:	Chirp, LED flash times	Turn ignition from 'OFF' to 'ON'	Turn ignition from 'ON' to 'OFF'
Show		1 short chirp	2 short chirps
Select		Feature " ON "	Feature " OFF "
1	1	Current sensor ON	Current sensor OFF
2	2	Chirp ON	Chirp OFF
3	3	Active arming	Passive arming
4	4	Rearm ON	Rearm OFF
5	5	When door close dome light on (Vehicle equip interior light delay) No defective chirp reminder on voltage sensor only.	When door close dome light off (Vehicle no interior light delay) With defective chirp reminder.
6	6	Transmitter car-jacking OFF	Transmitter car-Jacking ON
7	7	Ignition car-jacking OFF	Ignition car-jacking ON
8	8	Door car-jacking OFF	Door car-jacking ON

SECOND STAGE:

Push valet switch times:	Chirp LED flash times	Turn ignition from 'OFF' to 'ON'	Turn ignition from 'ON' to 'OFF'
Show		One short chirp	Two short chirps
Select		Feature " ON "	Feature " OFF "
1	1	Lock/unlock 0.8 sec.	Lock/unlock 3.5 sec.
2	2	2-pulse unlock OFF.	2-pulse unlock ON.
3	3	Passive door lock ON	Passive door lock OFF.
4	4	Ignition on door lock ON	Ignition on door lock OFF
5	5	Ignition off door unlock ON	Ignition off door unlock OFF
6	6	Disarm parking light OFF.	Disarm parking light on 30"
7	7	Password OFF.	Password ON.

NOTE:
For system programming features all returns to presetting "ON", turn the ignition 'on' then 'off'. Within 15 seconds push the valet switch 3 times. (A long chirp.) Then press button 1 and 2 together for 5 seconds, there will be a confirmation long chirp.

D. Testing sensors:

In this test mode, this system can test shock sensor sensitivity and other sensor. The installer can save time to test the shock sensor sensitivity and sensor without using the traditional arming/disarming procedures to test the sensors.

ENTER:
1. System under disarm or valet condition.
2. Turn ignition switch on then off.
3. Within 15 seconds, push valet switch 3 times.
4. There will be a long chirp confirmation to enter the test mode.

Trigger sensor	Siren chirps
Negative pin switch	2
Voltage sensor	3
Optional wireless PIR or door switch	5

TEST shock sensor:
1. Use channel 2 to enter. (Press button 2 on designated channel, button 3 on auto channel)
2. There will be a long chirp confirmation for you to test shock sensor.
3. Activate the warn away (first stage shock sensor), system will emit a short chirp.
4. Activate the full alarm (second stage shock sensor), system will emit a long chirp.
5. Continue to test the shock sensor until reach the proper sensitivity.

TEST current sensor:
1. Use channel 3 to enter. (Press button 3 on designated channel, button 1+3 on auto channel)
2. There will be a long chirp confirmation.
3. Activate the current sensor, system will emit a short chirp.

Note: In this test mode you may test both shock sensor and current sensor.

EXIT the test mode:
1. Turn ignition switch to on position or
2. Use channel 1 to exit. (Press button 1)
3. There will be three long chirps confirm exit.

E. Password setup: (MANUAL OVERRIDE RE-ARM FEATURE ON / OFF)
What is override re-arm:
An override re-arm feature designs as the system automatically re-arm in override condition, if the legal user do not take correct procedures to cancel the override re-arm.

Programming your personal override re-arm number:
In order to cancel override re-arm, you must program your personal number into the system. The number is from 1 through 10, (by counting the LED flashing times) or you may use factory pre-set number 9 to cancel override re-arm.
1. Program feature of password to 'ON'.
2. Enter system valet: Turn ignition key on then within 10 seconds push and hold override/valet switch for 2 seconds, the LED will turns on.
3. Turn ignition key 'off-on' three times in 3 seconds. A confirmation long chirp from siren.
4. LED will flash from 1 through 10 for 3 cycles. Wait until LED flash to your selected number.
5. As soon as LED turns on your selected number, quickly turn ignition key off.
6. LED will flash the programmed number for 2 cycles.
Example: To program override re-arm number 5, you would;
1. Enter valet.
1. Turn ignition key 'off-on' three times in 3 seconds. A long chip from siren.
2. Wait until LED flash 5 times, then quickly turn ignition key off.
3. LED will flash 5 times to indicate your override re-arm number is 5.

OPERATION:

A. TRANSMITTER OPERATION:
For designated channel setting:

Transmitter Button	System Function	Remark
Button 1	Arm/disarm & door lock/unlock	
Button 1	Panic function	Press 3 sec
Button 1 - 1	Arm and delete optional sensor	In disarm, press twice.
Button 1 - 1	Two step door unlock	In arm, press twice.
Button 2	Channel 2 (trunk) control	Press 2 sec.
Button 2 - 2	Passive arming by-pass	Under passive arming press twice.
Button 2 - 2	Car locator	Press twice.

Button 3	Channel 3 control	
Button 4	Panic	Press 1 second.
Button 1 + 2 both	Silent arm/disarm	**Ignition in "off" position.**
Button 1 + 2 both 1 sec	Activate car-jacking	**Ignition in 'on' position and Programmed transmitter car-jacking "ON"**
Button 2 + 3 both	Channel 4 control	
Side button	Switching code system	

For auto channel setting:

Transmitter Button	System Function	Remark
Button 1	Arm & door lock	
Button 1	Panic function	Press 3 sec.
Button 1 - 1	Arm and delete optional sensor	Press twice.
Button 2	Disarm & door unlock	
Button 2 -2	Two steps door unlock	Press twice.
Button 3	Channel 2 (trunk) control	Press 2 sec.
Button 3 - 3	Passive arming by-pass	Under passive arming press twice.
Button 3 - 3	Car locator	Press twice
Button 1 + 3 both	Channel 3 control	
Button 4	Panic	Press 1 seconds.
Button 1 + 2 both	Silent arm/disarm	**Ignition in "off" position.**
Button 1 + 2 both 1 sec.	Activate car-jacking	**Ignition in 'on' position and Programmed transmitter car-jacking "ON"**
Button 2 + 3 both	Channel 4 control	
Side button	Switching code system	

B. Unique optional passive/active transmitter

This system has a passive/active transmitter (PT) design that allows you to arm/lock and disarm/unlock the system passively or actively. The active usage is the same as above operation. Below is the passive operation:
1. Slide the passive switch to 'ON' position on the front case.
2. When you move toward your vehicle around 10 meters, system will automatically disarm and unlock the doors.
3. When you leave your vehicle over 10 meters, and after 10 seconds system will automatically arm and lock the doors.
4. In case the system armed and lock all doors, while you leave your ignition key and this transmitter inside the vehicle. Rock the vehicle the transmitter will disarm and unlock the doors.

Note:
1. Time delay:
Upon you are active pressing the button on the transmitter, the system will set a 60 seconds time delay for the passive feature. For example you press any button on the transmitter and in armed condition, the passive feature will not work in 60 seconds .
2. Turning the Passive System Off
You can disable the passive feature by moving the transmitter's slider switch to OFF. It will turn into normal active transmitter.

C. LED display:

LED	Function
Off	Disarmed
Slow flash	Armed
Fast flash	Passive arming
On (solid)	Valet mode

LED	Function
2 flashes... pause	Trigger on trunk/hood
3 flashes... pause	Trigger on door switch
4 flashes... pause	Trigger on sensor
5 flashes... pause	Trigger on PIR Door / window sensor

D. CHIRP INDICATORS:

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
3 chirps	Defective reminder
4 chirps	Disarm / Triggered
6 chirps	Car locator

E. PARKING LIGHT:

Parking light	Function

1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / Triggered
5 flashes	Transmitter low battery. (Suitable for random code transmitter)
12 flashes	Car locator

F. OVERRIDE/VALET SWITCH:
1. OVERRIDE FUNCTION: (System in arm condition)
 Use in emergency, like lost or malfunctions of transmitter. Turn ignition on, within 10 seconds push the override/valet switch, the siren will stop and the system disarmed.
2. VALET MODE: (System in disarm condition)
 Vehicle in for maintenance or valet parking, the system will not arm.
   a. Turn ignition on then within 10 seconds push and hold override/valet switch for 2 seconds, the LED will turns on indicates the system is in 'valet mode'.
   b. System stay in 'valet mode', transmitter still can remote operating lock or unlock the doors, parking light, pop trunk release and panic function. But no alarm function.
   c. Return to normal operation, turn ignition 'on', then within 10 seconds, push and hold override/valet switch for 2 seconds, it will exit the valet.

G. PASSIVE ARMING
 It operate as below:
  1. Turn 'off' the ignition.
  2. Leave vehicle and close all doors.
  3. LED fast flashing.
  4 After 30 sec. System auto arming
    Note: during the 30 sec. If open the door the time will stop counting down, until all doors closed then again re-start count down for 30 sec.
  Passive arming by-pass: Press channel 2 twice (press button 2 twice on designated channel, or press button 3 twice on auto channel), to temporally by-pass passive arming. That's for prevent locking yourself out of the vehicle (For example fill up the gas).
  A short chirp will confirm this by-pass.
  Re-open the door will **not** start the passive arming again.
  Note: It's only temporally by-pass. Use transmitter to arm or disarm will cancel this by-pass.

H.ACTIVE ARMING:
  1. Press arm button on transmitter.
  2. The siren will chirp once after 3 seconds the system will be fully arm.
  NOTE: Defective sensor reminder: 3 chirp indicate defective sensor occurred.
  Special Note: If the system is interfacing with optional sensor, such as PIR or door/window sensor, upon system arming and after 30 seconds, if the PIR or door sensor triggered, the system will full alarming.

I. ACTIVE DISARMING:
  1. Press disarm button on the transmitter.
  2. The siren will chirp twice to indicate that system disarmed.
  NOTE: 1. Tamper disarming: If alarm triggered, upon disarm the system, siren chirp 4 times,parking light flash 3 times.
  NOTE: 2. Automatic re-arm: No doors open and no ignition on after disarm; after 60 seconds system auto rearm.

J. PANIC FUNCTION:
  The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency. To do so, hold button 4 for 1 second, and the system will full alarming. To stop panic, press button 4 again or press disarm button.

K. TRIGGER THE SYSTEM
  While system in armed condition, open the doors, hood, trunk or trigger the optional sensors, siren and parking light will turn on to alerting of an intrusion for 30 or 60 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 3 times of 30 or 60 seconds cycles.

L. DOME LIGHT CONVENIENCE DELAY & SUPERVISION
  Upon disarming, the dome lights will remain on for 30 seconds.
  If the vehicle triggered, the dome light will flashing as the same duration as siren.
  Note: Turn on the ignition switch or arm the alarm will turn off the dome light.

M. ANTI CAR-JACKING
Warning: If you don't want to have car jacking in this alarm system, be sure to set all car-jacking
feature 'off'. (See programming features)
This system has three different car-jacking features.

NOTE: if IGN.car-jacking feature is set ON position, to enter Feature Programming mode, turn the
Ignition key 'on' within 10 seconds press the valet switch once(to reset car-jacking feature),turn the
Ignition key 'off', press the valet switch 6 times, a long chirp confirms you are in first stage
Programming mode, then follow programming features section C.2.
There are 2 stages of totally 15 programming features to select. (Factory preset all features to "ON" position)

First: Use transmitter to enter car-jacking. (Program transmitter car-jacking ON, see programming features)
**This feature provides user to remote activates car-jacking. When programmed this feature ON, upon the ignition
switch is 'on', user can press button 1 + 2 together for 1 second to enter car-jacking.**
Second: Turn 'on' the ignition key to enter car-jacking mode. (to program ignition car-jacking ON, see programming
features). This feature provides user to use the ignition key to activate car-jacking. When this feature is programmed ON,
upon turning the ignition key to 'on' position, the system enters car-jacking mode. Every time the ignition key is turned ON the
valet switch must be depressed to reset car-jacking feature.
Third: Use Door open close to enter car-jacking. (Program door car-jacking ON, see programming features)
**This feature provides user to use door open close to activates car-jacking. When programmed this feature ON,
upon the ignition switch is 'on', if someone open door and close door the system enter car-jacking.**

2-timer circuits will function as follows:
First timer:
  50 seconds after activates car-jacking. The siren will start chirping. Within 10 seconds, you will be alert to keep the ignition
  switch on, and push valet switch to turn off the car jacking feature. If not, it will enter second timer car jacking.

Second timer:
  Totally after 60 seconds from beginning, siren still alarming and parking light flashing, and the starter disable will activate to
  prevent the vehicle from starting. Override the system to turn off car jacking. (Ignition from off to on, and within 10 seconds
  push valet switch)
Note: If you use password (see below Password Security) to double protect the vehicle security, you will need to use it to
completely disarm the system.

N. PASSWORD SECURITY
In carry this feature you need to set features programming of password 'ON' first. Then program your password number.
Please see above PROGRAMMING section.

Using password to protect system. Below is an example of how to use password to completely disarm system.
System in arm condition.
  1. Open the door, siren will sound.
  2. Turn ignition key on.
  3. Push valet switch.
Note: When finished above procedures, system's siren stop alarming, parking light stop flashing, other sensor stop trigger, but
the vehicle can not be start and drive away.

Use password to cancel the system re-arm: (Re-arm timer 30 seconds)
When system disarmed, the LED start flashing, indicate system entered password procedures.

Cancel system re-arm itself:
Wait until LED flash to your password number, then turn the ignition key 'on-off', to cancel re-arm.
You must make sure to turn the ignition key off at the correct number within 30 seconds. If not, the system will automatically
re-arm.

Example: To cancel re-arm using password number 5 of above, you would;
  1. Open the door. Siren sound.
  2. Turn ignition key on.
  3. Push valet switch.
  4. Wait LED flash 5 times, then quickly turn ignition key off.

Note 1: The number is form 1 through 10, by counting LED flash. Legal user can program the number.
Note 2: If some one turn the ignition key off at wrong override number, the system allows him to make 1 mistakes, if second time still wrong, it will automatically shut down for 3 minutes. During the period the system will not accept any correct number, and when second wrong number input after 30 seconds system will re-arm again; which with siren one chirp and parking light one flash, LED flashing, door locked and activate sensors to guard the vehicle.

O. IGNITION CONTROL POWER DOOR LOCK SAFETY SYSTEM.
The vehicle's doors will automatically lock after the ignition key turn 'on' (if all doors are closed.) And when the ignition key turn 'Off', the doors will automatically unlock.

P. TRUNK RELEASE.
Press and hold button 2 on transmitter for two seconds to remote control the trunk release or other electric devices.

Q. CHANNEL 3 CONTROL
Press button 3 (designated channel setting), or button 1+3 together (auto channel setting) to remote control the optional electrical device. The device will 'on' when the button(s) press continuously, and 'off' when the button(s) released.

R. CAR LOCATOR
Press button 2 twice (designated channel setting), or button 3 twice (auto channel setting) 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.

S. TRANSMITTER LOW BATTERY: (Random code transmitter only)
When the transmitter is in low battery condition, the system will show up by parking light flash 5 times, to remind the user to change the low battery.

T. TWO STEPS DOOR UNLOCK:
Upon first disarming, the system only unlock the driver's side door. Then press the disarm button again, the system will unlock all the doors.

U. ALARM OPERATING CONDITION:

	Siren, horn	Parking Light	LED	Doors	Starter disable
1. Arming	1 Chirp	1 Flash	Slow flash	Locking	On
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast flash (in passive arming) or OFF.	Unlocking	Off
3. Trigger	Alarming	Flashes	Slow flash		On
4. Panic	Alarming	Flashes			
5. Car-Jacking	Alarming	Flashes	Slow flash		On
6. Car locator	6 chirps	12 flashes			

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.