

## 1. Illustration of LCD monitor



WARN



SE



TRUNK



LOCK



START



START

RUN

000

0000

START



- Indicator of within R F range

ARM

- Arming mode indicator

DISARM

- Disarming mode indicator

DOOR

- Door opening indicator

SHOCK

- Indicator of shock sensing

- Small shock indicator in 2 stage shock sensor

- Indicator of Driver Call (Optional)

- Indicator of Additional Sensor triggered (Optional)

- Panic mode indicator

- Indicator of trunk opening

- Indicator of door unlocking

- Indicator of door locking

- Indicator of chirp sound

- Indicator of turn on for chirp & sound

- Indicator of turn off for chirp & sound

- Indicator of clock alarm mode

- Indicator of engine start setting time

- Low battery indicator

- Indicator of engine starting by remote control

- Indicator of engine running

- Indicator of clock setting mode

- Indicator of clock alarm setting mode

- Indicator of engine start timer setting mode

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

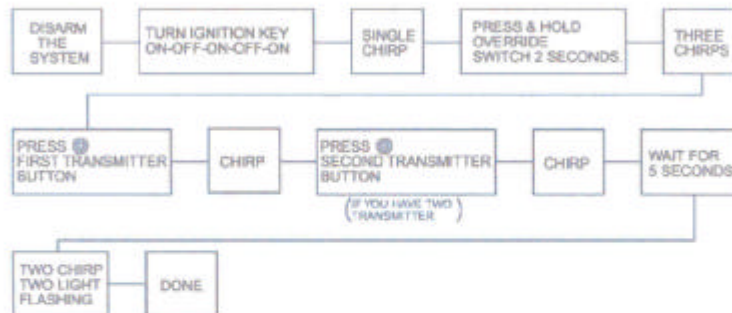


## 2. Code teaching

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The system is designed to "learn" the codes of up to 2 different remote control transmitters. The coding of transmitters as well as the "learn" of the system eliminate all previously "learned" codes is described in the following diagram.

### "LEARN"





## 3. Remote control & convenience features

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### 3-1. Door lock/Arm



- 1) Press button  after closing the all doors.
  - 2) Doors are locked with one chirp and signal lights flash one time.
  - 3) The vehicle will be in arming status in 30sec.
- \* In the event of any door opened, system will report by giving 3 siren chirps & parking light flashes.  
In case of Valet Mode or Engine Running, if press button , the door will be locked with "LOCK" display.


### 3-2. Door unlock / Disarm



- 1) Press button  in arming status.
  - 2) Doors will be unlocked with 2chirps and signal lights flash 2 times.
- \* If you do not enter the vehicle in 30sec, doors will be locked automatically and the vehicle returns to arming status.  
In case of Valet Mode or Engine Running, if press button , the door will be unlocked with "UNLOCK" display.


### ● 3-3. Trunk open



- Press button  for 1 second trunk will be opened.

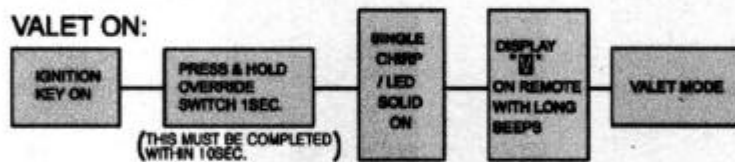
### ● 3-4. Emergency panic alarm feature



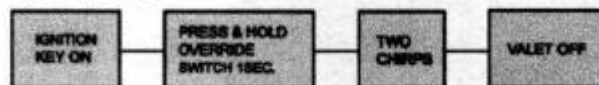
- In emergency situation, press button  for 3sec, the system sound and flashing light for 30sec.

### ● 3-5. Valet mode

#### VALET ON:




#### VALET OFF:



### ● 3-6. Chirp sound ON /OFF



- 1) Press & hold button  for 2sec. until "CHP" appears with 2beeps, and then take your finger away, you can select chirp sound "ON" or "OFF".
- CHIRP DELETE : LIGHT FLASH ONCE.
  - CHIRP ON : SINGLE CHIRP with LIGHT FLASH ONCE

● 3-7. Driver Call /Additional Sensor (Optional Programmable Features #12)



If connect GREEN/BLACK wire of 14pin connector to additional sensor or driver call sensor, you should select the right feature on Programmable Features at No.12


← Factory Default

Programmable →




● 3-8. Melody sound ON / OFF on remote control



1) Press & hold button  for 3sec. until "SUd" appears with 2beeps, and then take your finger away, you can select melody sound "ON" or "MUTE".

● 3-9. Back Lite "ON" at night



1) Press button  shortly, and back lite is "ON" for 1second, it can be easily read present time at night.

● 3-10. Auto door lock / Rearm(Choice)

The doors are locked automatically and the system returns to the arming status automatically.

- 1) If the doors are happened to be unlocked by pressing the button inadvertently
- 2) If you do not open the door within 30seconds after disarming the vehicle with your remote control

● 3-11. Starter kill- engine disable

When the system is in arm mode, or in panic mode, starter kill mode will be engaged to prevent the engine from being started.

● 3-12. Option #1 (—) output

When the system is armed, (—)output for 10 seconds or constant (—)output be selectable by program #7.

● 3-13. Bypass(—) 2nd IGN. output

To bypass factory- equipped with anti-theft systems, 2nd IGN.(—) Output provided.

● 3-14. Interior dome light activation

Once system is being in disarm status.

Interior dome light will be activated for 30seconds to provide an additional security, especially at night.

● 3-15. Brake switch (+) input

While car is running by remote control, if brake pedal switch is triggered in arming status, engine will be shut off with sirening.


● 3-16. Hood pin trigger (-) input

When hood pin switch is triggered, the alarm siren sound will last for 30sec.



● 3-17. Trunk pin trigger (-) input

When trunk pin switch is triggered, the alarm siren sound will last for 30sec.


● 3-18. Car Finder & Confirmation of present car status


Press & hold button  for two seconds, and "CD" appears icon shows present car status and the siren sounds 5 chirps & flashing light.

● 3-19. Clock setting mode




Press & hold button  &  simultaneously until "000" appears with two beeps.


Button  is for setting hour.

Button  is for setting minute.




After setting, press button , it is finished with a short melody sound.

● 3-20. Clock Alarm setting mode




Press & hold button  &  simultaneously until  & "000" appears with three beeps.


Button  is for setting hour.


Button  is for setting minute.

After setting,  if press button , clock alarm is "ON"  
if press button , clock alarm is "OFF"

● 3-21. Engine Start Timer setting mode

Press & hold button  &  simultaneously until "START" &  appears with four beeps.

Button  is for setting hour.

Button  is for setting minute.

After setting,  if press button , engine start timer is "ON".  
if press button , engine start timer is "OFF".




(Every Engine Starter Time setting just works one time)

## 4. Alarm function

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### ● 4-1. Door open sensing



- 1) In arming status, if the doors are opened, the alarm siren sounds will last for 30sec.
  - 2) "DOOR" &  icon flashes and Remote control beeps for 20sec.
- To turn off the alarm sound, press button  and then  icon flashes on the LCD.

### ● 4-2. Warn Away/ Shock sensing



- 1) If the shock sensor is triggered by external impact, the alarm siren sounds will last for 30sec.
- 2) "WARN" or "SHOCK" &  icon flashes and Remote control beeps for 20sec.

### ● 4-3. System trigger check



- If door (or sensor) was tampered and alarm was triggered during the driver is away, system will report by giving 4 siren chirps & parking light flashes twice.

### ● 4-4. Trunk pin sensing



- 1) If the trunk pin switch is triggered by someone, the alarm siren sounds will last for 30sec.
- 2) Icon flashes and Remote control beeps for 20sec.



## 4-5. Impact Report


• When disarm the system (if any sensor has been triggered), impact reports as below table.

KINDS OF SENSOR	IMPACT REPORT
DOOR PIN S/W	4 CHIRPS
HOOD PIN S/W	5 CHIRPS
TRUNK PIN S/W	2 CHIRPS
SHOCK SENSOR	3 CHIRPS

## 5. Remote Engine Start


**PG-5000**

### 5-1. Automatic vehicle

- 1) While the stick shift is on "P" or "N", press button  in the arming status; and the motor is going to start in approximately 3sec.
- 2) The engine starts to run; icon flashes for 20 sec; until you press any button; and Remote Control; long beeps.




### 5-2. Remote Engine Stop


- 1) Press button  while the engine is running by remote start.
- 2) Engine will stop running with two short chirps and two times parking lights flashing.

### 5-3. Stick shift vehicle

To use remote engine start function, you need to make a remote start reservation before you turn off engine after driving.

#### Reservation process

- Stick shift keeps on neutral position after driving → Remove the ignition key, engine will stay running and the signal light flashes one time with once chirp
- Open the door, exit from the vehicle within 30sec. and close the door
- Press button , doors are locked → The engine will shut down in 3sec.
- The reservation is complete

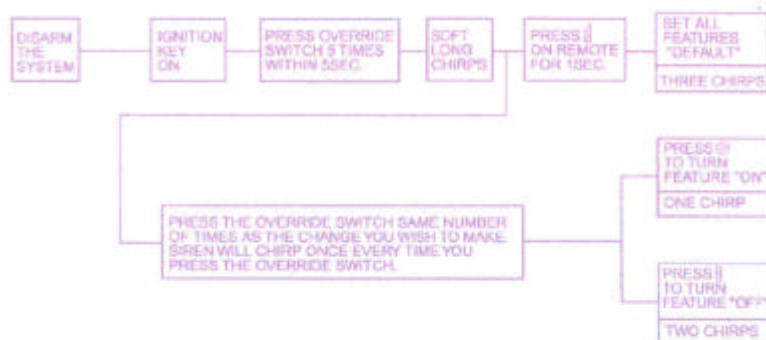
- \* How to cancel the remote engine start reservation: If any door has been opened after reservation.
- \* When the reservation is canceled: Press button , there will be soft long chirps and "P!" & "5/5" icon shows with 2 soft beeps.





## 6. Programmable features

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FACTORY \*DEFAULT\* SETTING

	@ FEATURE ON (ONE CHIRP)	FEATURE OFF (TWO CHIRPS)
1	PASSIVE AUTOMATIC ARMING	ACTIVE ARMING
2	PASSIVE LOCK	PASSIVE NO LOCK
3	REARM	NO REARM
4	CONFIRMATION CHIRP	DELETE CONFIRMATION CHIRP
5	GASOLINE	DIESEL
6	REGULAR CAR	TURBO
7	OPTION#1 (-) OUTPUT 10SEC.	OPTION #1 (-) OUTPUT CONTINUE
8	NOISE MODE : SHORT CRANKING	LONG CRANKING
9	0.7sec. LOCK/UNLOCK	3sec. LOCK/UNLOCK
10	NO AUTO IGN. LOCK/UNLOCK	AUTO IGN. LOCK/UNLOCK
11	WARN AWAY : LONG SIREN	WARN AWAY : SHORT SIREN
12	OPTION TRIGGER INPUT: SE 17	OPTION TRIGGER INPUT: SE 18



## 6 PIN

RED +12V POWER	YELLOW START MOTOR (30A)	GREEN IGN1 (30A)
BLUE TRUNK OPEN(+) OUTPUT (30A)	BLACK GROUND	WHITE IGN2 (30A)

## 14 PIN

OPTION 1 OUTPUT (-) 500mA	SIREN OUTPUT(+) 1A	LIGHT OUTPUT(+) 10A	LIGHT OUTPUT(+) 15A	ARMED(-) OUTPUT 500mA	PURPLE BLACK BYPASS(-) 2nd IGN1	OPTION 2 OUTPUT(-) 500mA
BRAKE(+) INPUT	HOOD(-) INPUT	DOOR(-) INPUT	DOOR(+) INPUT	GENERATOR INPUT	TRUNK PIN (-)TRIGGER INPUT	OPTION TRIGGER (-)INPUT

- OPTION 1 OUTPUT : WINDOW ROLL UP (-) OUTPUT : 10sec OUTPUT ON ARM CONDITION FOR ROLL UP WINDOWS.  
10sec OR CONTINUE OUTPUT CAN BE SELECTED BY PROGRAM #7
- ARMED OUTPUT : CONTINUE OUTPUT FOR START KILL ON ARM CONDITION.
- BYPASS(-) : CONTINUE OUTPUT FOR BYPASSING FACTORY ALARM WHEN ENGINE RUNS WITH REMOTE CONTROL.
- BRAKE (+) INPUT : HOOK UP TO BRAKE PEDAL SWITCH FOR SHUT OFF ENGINE DURING REMOTE ENGINE START MODE.
- HOOD(-) INPUT : HOOK UP TO HOOD PIN SWITCH FOR SHUT OFF ENGINE DURING REMOTE ENGINE START MODE.
- GENERATOR (+) INPUT : HOOK UP TO GENERATOR FOR DETECTING ENGINE IS STARTED.
- TRUNK (-) INPUT : HOOK UP TO TRUNK PIN SWITCH FOR DETECTING TRUNK OPEN.
- OPTION (-) TRIGGER INPUT : EXTRA TRIGGER FOR OPTION FEATURE.
- OPTION (-)TRIGGER INPUT : CONNECT TO DRIVER CALL SENSOR OR ADDITIONAL SENSOR (Optional)
- OPTION #2 OUTPUT : (-)500mA 30sec. OUTPUT FOR DOME LIGHT WHEN DISARM.