# Exhibit E

# User's Manual

SUPER NOVA CO., LTD.

FCC ID.: M65NVR7600

Car Alarm With Engine Start (Receiver)

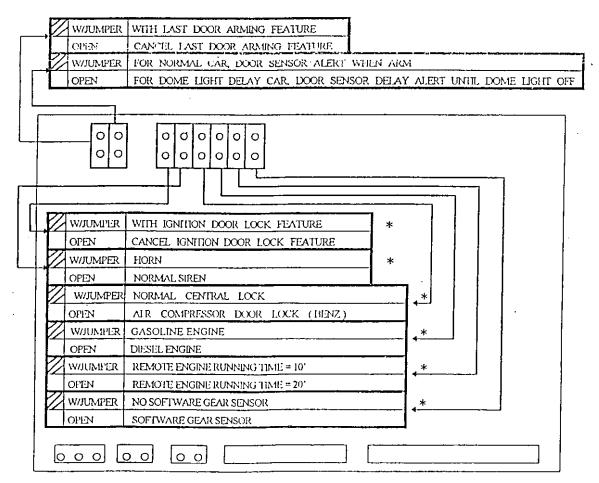
### RS7600 OPERATIONAL MANUAL

- 1 BUTTON ①: A. Arm —— press again to disarm
  - B. Keep press 2" panic (press again to off)
  - C. When ignition on door lock
- 2 BUTTON ②: A. Remote start —— press again to off B. Keep press 2" —— long starter
- 3 BUTTON @: A. Car Finder
  - B. When arming keep press 2" to bypass shock sensor
  - C. When ignition on keep press 2" to anti-car jacking
- 4 BUTTON ③: A. Chirp defeat arm /Chirp defeat disarm.
  - B. Keep press 2" —— 2nd channel output

(auxiliary O/P for trunk)

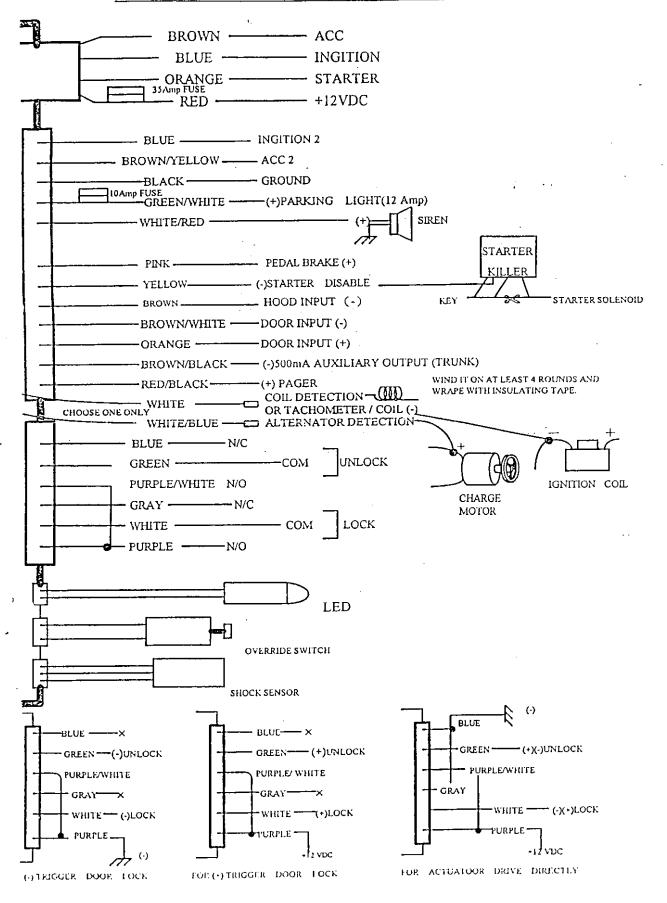
C. When ignition on —— door unlock

@ Button  $\Phi$  press 2 seconds during arming, parking lights flash 3 times, shock sensor temporary no function until disarm & arm again (become normal again )



\* Status change must unplug then plug again

# RS7600 WIRING DIAGRAM



### RS7600 REMOTE ENGINE STARTER

### I. TRANSMITTER OPERATION:

- 1. ARM/DISARM/PANIC
- 2. START/STOP/LONG START
- 3. CAR FINDER/ANTI CAR JACKING/SHOCK SENSOR BYPASS
- 4. CHIRP DEFEAT ARM/CHIRP DEFEAT DISARM

#### II. OPERATION:

#### A. REMOTE ARMING

- 1. Press the first button once for regular arming.
- 2. Press the fourth button once for mute arming.
- 3. The alarm will be activated five seconds later after the warning signals, which in regular mode include both a brief tone and a flash of the parking lights, or in mute mode a flash of the parking lights only.
- 4. The alarm will be triggered immediately by any attempt to open a door, trunk, hood, or to remove a tire,...etc.
- 5. When the alarm is triggered in regular mode, the siren will sound continuously 60 seconds, and the pager will sound also. When the alarm is triggered in mute mode, the siren will remain silent, but the parking lights will flash for 60 seconds and the pager will sound. If there is an attempt made to remove a tire, shock or break the glass, or to tow or otherwise move the vehicle, the alarm will sound intermittently for 20 seconds.

#### B. REMOTE DISARMING

- 1. Press the first button once again to disarm the alarm.
- 2. The parking light will flash and siren sound twice to indicate that the alarm has been deactivated. LED will be off, starter killer reset and central door lock unlocked.
- 3. If the alarm was triggered since its last activation, when disarmed it will indicated that it has been triggered by 4 more siren chirps.
- 4. 2 stage disarm --
  - Normal arming -- press disarm button, alarm disarmed.
  - During alarm triggering -- press disarm button, alarm stop triggering but remain in arm condition, user re-press disarm button to disarm.

### C. REMOTE ENGINE START/STOP

- 1. Press 2nd button, the siren will sound and parking light flash one time for indication. After this indication, the ignition wire will be turned on and engine started automatically.
- 2. After starting successfully, the parking light will keep on continuously.
- 3. If the first attempt for remote starting is failed, the system will try to start engine again, up to 3 times.
- 4. Engine cranking time can be choice by following ways:
  - Press 2nd button once -- the cranking time will be 0.8, 1.2 & 1.6 sec.
- 5. Press 2nd button for 2 sec. -- this can prolong the engine cranking time to 1.2, 1.6 & 2 sec. There are two choices of warming times; 10 and 20 minutes.
- 6. Remote start will not be allowed if;
  - A. Doors, hood, or trunk are not closed properly.
  - B. The gear is not in PARK or NEUTRAL position (Automatic transmission only).
  - C. The car key is turned to the ON position.
- 7. While the vehicle is in WARMING mode. Pressing the 2nd button again, the engine will stop running immediately.

# D. ENTERING VEHICLE WHILE ENGINE RUNNING

## 1. Remote start while alarm activated --

While the engine is running, press the 1st button. The alarm will be deactivated and the doors will be unlocked. The siren sound and parking light flash twice to signal that you may enter the vehicle.

If a door is not opened within 30 seconds, the doors will be locked again, and the alarm will reactivate.

If the car key is not at the "ON" position before driving the vehicle (if, for example, it is hot-wired), the engine will stop running immediately after the foot brake being depressed.

While the engine running, the engine will stop after door opened if alarm is not deactivated by pressing 1st button again.

### 2. Remote start at normal condition --

If the car key is not at the "ON" position before driving the vehicle, the engine will stop immediately after the foot brake being depressed.

### E. AUTOMATIC REARMING:

If you deactivate the alarm system, but do not open a door within 30 seconds, the alarm will automatically reactivate itself.

# F. AUTOMATED POWER LOCKING

- 1. 5 seconds after ignition on, the door will be locked passively for safety reason and unlocked when ignition turned off, but within 5 seconds if the door is opened, this feature will be canceled to avoid someone being locked out.
- 2. During ignition on, after door been opened and closed, depress the pedal brake, central door lock will keep locked immediately. It is good for re-locking the door after passenger's getting off.

### G. CAR FINDING

Press 3rd button once, siren chirp once and parking lights flash 6 times to show car position.

### H. ANTI-CAR JACKING

This feature is used to immobilize the vehicle in an emergency situation.

When the vehicle is power on, it may be activated by pressing 3rd button for 2 seconds.

It will cause the parking lights to flash 2 times for indication.

After 30 seconds of these flashes, the siren will sound every two seconds for 10 times to pre-warn user.

After 10 siren sounds, the siren sound and parking light flash continuously, starter disable (or ignition disable), until ignition off.

Siren and parking lights stop but starter is still disable unless press 3rd button again.

# I. VALET MODE(KEYLESS ENTRY)

When ignition on, press over-ride switch 5 times, the parking lights will flash 3 times, means the alarm system is off, but the function of locking, unlocking, auxiliary output remain working. This is called valet mode.

When ignition on, press over-ride switch 5 times again, siren will sound 3 times meaning the alarm urns back to normal function.

# J. POWER INTERRUPT ALARM MEMORY

When arming, cut off power supply form battery, alarm still keep memory of arming, whenever power is on again, alarm trigger immediately, siren sound, parking lights flash, starter killer (ignition killer) still in arm mode.

When in normal status, power off then on again, alarm still in normal status, never cause trouble in maintenance garage

#### K. PANIC

Hold 1st button for over 2 seconds, panic mode will be activated. Siren keeps sounding and parking lights flashing until user press 1st button again.

### L. AUXILIARY OUTPUT

Auxiliary (-) output (2nd channel output) send 500mA ground signal to connected accessory.

### M. SMART LED

Arming -- LED slow flashing Disarming -- LED off Door intrusion when arming -- LED quick flashing

### N. SHOCK SENSOR BY PASS

When arming, press button @ for over 2 seconds, parking lights flash 3 times means shock sensor by pass. Shock sensor trigger temporary eliminate (Door sensor trigger still work) until alarm were disarmed and armed again. This feature is used when the user try to avoid alarm noise disturbing the neighborhood.

### O. PAGER OUTPUT

Pager (+) output (1 Amp) can be connected to alarm pager to become 2 way service.

### P. DEFECTIVE ZONE BY PASS

When door sensor keeping triggering for over 5 minutes (door keep opened or hood sensor defected), the alarm siren and parking lights will stop working until the signal off.

If signal on again, door sensor (hood sensor) remain working. During zone by pass, the starter killer will still work to protect the car.

#### R. SCAN DETERRENT

The microprocessor of this system will block out any disarming codes generated by an illicit scanner.

#### S. OVER-RIDE SWITCH

- 3 functions of the over-ride switch:
- A. Ignition on, press over-ride switch to over-ride alarm when in arming.
- B. Ignition on, keep pressing 5 seconds to enter code learning mode.
- C. Ignition on, press 5 times to enter valet mode.

### T. DETECTION OF ENGINE START

Coil detection -- To encircle high-tension lead 5 turns. Alternator detection -- To connect to the "+" of generator. (If diesel engine car, it must use the alternator detection.)

### U. UPGRADE TO CODE HOPPING

This system can be upgraded to "code hopping" to offer better protection. Of course, this special request must demand before production.

# III. PROGRAMMABLE FUNCTION

PIN	FUNCTION	OPEN	CLOSE	REMARK
P1	PASSIVE ARMING		*	#1
P2	DOME LIGHT DELAY	*		#2
P3	IGNITION LOCK		*	
JP1	SIREN/HORN	SIREN	HORN	
JP2	CENTRAL DOOR LOCK OUTPUT	LOCK 3 SEC.	0.5 SEC.	
		UNLOCK 2 SEC		
P10	DIESEL ENGINE	DIESEL	GASOLINI	3 #3
PH	WARMING TIME	20 MIN.	10 MIN.	
P12	SOFTWARE GEAR SENSOR	. *		#4

#### Remark:

1. Last door arming

Ignition off, door opened and closed. There will be one flash to indicate the starting of last door arming.

20 seconds later, alarm activated passively, this feature is programmable by P1 jumper.

2. Dome light delay

Normal car -- Door sensor alert in 5 seconds after alarm activated. Car with dome light delay -- Door sensor delay detecting until dome light off. This feature is programmable by P2 jumper.

3. Diesel engine car

To install to diesel engine car, you must make the P10 open. If so, the main board will pre-warm the heater before automatically staring engine.

4. Software gear sensor

- A. Before getting off, press 2nd button to duplicate the engine running to main board.
- B. Take off car key, the engine stop after door opened and closed.

  This procedure can make sure that the gear is at NEUTRAL position.
- 5. Program pin P1 & P2 -- can be programmed any time.

  Program the rest pin -- must be selected before alarm power on.

### VI. CODE LEARNING OPERATION:

- 1. Ignition on, press over-ride switch 5 seconds until siren chirps 5 times, parking lights ON means system in code learning mode.
- 2. Press any button of new transmitter for learning, siren chirps 2 times means waiting for 2nd new transmitter to learn.
- 3. Press any button of 2nd new transmitter for learning, siren chirps 3 times means waiting for 3rd new transmitter to learn.
- 4. Same procedure can be maximum up to 4 transmitters.
- 5. If within 10 seconds no new transmitter's signal send out for learning, system turn to normal state.
- 6. Every time learning new transmitter, former code(old transmitter) will be erased, hence old transmitter must also learn again when new transmitter need to learning.