

VG-680 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

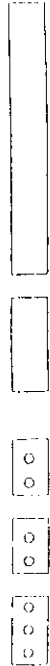
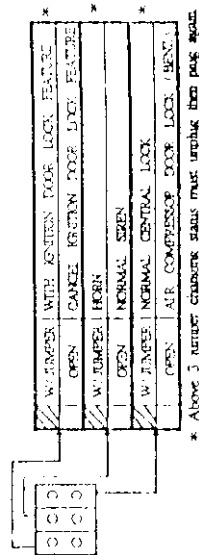
2 BUTTON ② : A. Car finder
B. When ignition on ——— door unlock

3 BUTTON ③ : When ignition on ——— keep press 2" to anti-car jacking

4 BUTTON ④ : A. Chirp defeat arm / Chirp defeat disarm.
(① + ④) B. When ignition on ——— keep press 2" to valet mode
(press again to normal function)

(a) Before manufacturing, If system use 2 buttons TX, agent can asking for button ① ↔ button ② feature exchange.

(a) Before manufacturing, If system use 3 buttons TX, agent can asking for button ① ↔ button ② + ③ feature exchange.



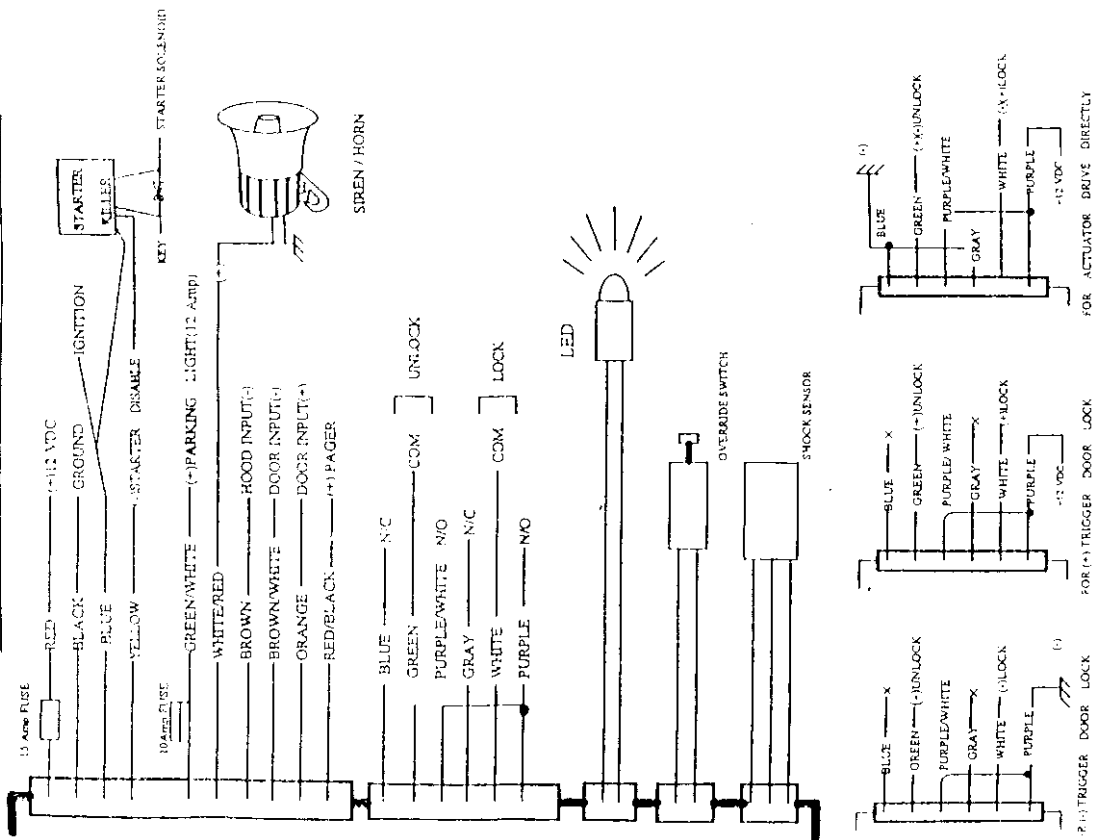
FUNCTION PROGRAMMABLE DETAIL

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Special Feature

- 1. Code Learning**
Main box will learn code from transmitter, maximum up to 4 codes.
- 2. Arm condition memory**
When arming, cut off power supply from engine, alarm still keep memory of arming. whenever power is on again, alarm trigger immediately, siren blow, parking lights flash, starter killer, ignition killer will in arm status. When in normal status, power off then on again, alarm still in normal status, never cause trouble in maintenance parage.
- 3. Arm/Disarm**
When alarm arming, central lock is locked, starter killer standby. LED flashes slowly, alarm will be triggered whenever the car is hit or intruded. After trigger, the parking lights flash and siren blows (stock sensor 30 seconds, door sensor on separate).
When disarm, siren chirp twice, parking lights flash twice, LED off, Starter killer reset, central lock unlocked.
- 4. Panic**
Hold button ① for over 2 seconds, panic mode will be activated, siren keeps chirping and parking lights flash until user press button ② again, to turn off the panic mode.
- 5. Anti-car jacking (by transmitter, 2 buttons TX without this feature)**
When ignition on, press anti-car jacking button for over 2 seconds, Parking lights flash twice, the car is entering into anti-jacking mode, 30 seconds later, siren chirps every 2 seconds for 10 times to pre-warn user. Then siren blow, parking lights flash, starter disable for ignition disable, siren, ignition off, siren and parking lights stop but starter is still disable unless press anti-car jacking button again.
- 6. Chirp defeat arm/disarm**
Press the transmitter to arm or disarm. If siren chirps once and when, siren make noise in silent arm, this feature offers arm and disarm without chirps but other features remain the same.
- 7. Car finder**
Siren chirps once, parking lights flash twice to show car position.
- 8. Security re-arm**
Alarm arms again 30 seconds after disarm, unless the door have been opened, or engine is ignition on. This feature is to avoid mis-locked or mis-disarm.
- 9. Ignition safety door lock/unlock (programmable)**
5 seconds after ignition has been turned on, the doors will be locked passively for safety. reason and unlocked when ignition turned off, but within 5 seconds if the door is opened, this safety door lock feature will be canceled to avoid someone being locked out.
- 10. Smart chirps (Tamper memory)**
If door has been opened and closed during arming, when user disarm the alarm, siren chirps 4 more sounds (2 sounds + 2 sounds).
- 11. Smart LED**
Arming - LED slow flashing
Disarm - LED off
Door intrusion when arming - LED quick flashing
Valet mode - solid on
- 12. 2 stage disarm**
Normal arming - press disarm button, alarm disarm
During alarm was triggering - press disarm button, alarm stop triggering but remain in arm condition, user press disarm button again to disarm

VG-680 WIRING DIAGRAM



13. Available for dome light delay car and/or normal car
Normal car - Door sensor alarm in 5 seconds after arming.
Dome Light delay car - Door sensor delay detecting until dome light cut
This feature programmed by a jumper, decided by installer.
14. Air compressor central lock (programmable)
Some cars that are equipped with air compressor central lock, such as Benz, Audi and VW etc. need a little longer signal for central locking system. This alarm cut off red loop or remove one jumper can become long signal for lock.
15. Special anti-car jacking by optional switch
This system offer a special anti-car jacking for some country that people needs it
If driver press an optional toggle switch when car ignition is on and car door is opened and closed again, this system will come into anti-car jacking mode. 1 minute later, siren chirps per 2 seconds for 10 chirps (20 seconds), then siren blow, parking light flashes, siren killer (ignition killer) on until ignition off. At that time, the siren and parking lights off, but siren killer (ignition killer) still works, only over-ride switch can over-ride it.
16. Valet mode (keyless entry)
When ignition on, press button (3) for over 2 seconds, 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 button (3) for over 2 seconds again, siren will chirps 3 times meaning the alarm turns back to normal function.
17. Pager output
Pager (+) output (2 Amp) can be connected to alarm pager to become 2 way service
18. Zone by pass
When door sensor keep triggering for over 5 minutes (door keep open or hood sensor defect), 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 siren killer will still work to protect the car.
19. Anti-scraming
CPU of alarm receiving correct code may not respond immediately unless continuously more code have been confirmed. This conservative attitude keep the system not disturbed by a scanner, so called 'anti-scram'.
20. 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 to press over-ride to reset special hijacking.
21. Parking lights relay built-in
This is available for any different design of door lock and unlock
22. Central lock relay built-in
This is available for any different design of door lock and unlock

How to use the "Code Learning"

- a. Ignition on, press over-ride switch 5 seconds until siren chirps 5 Times, Parking lights on means system in Code Learning mode.
- b. Press any button of new transmitter for learning. Siren chirps 2 Time means waiting for 2nd new transmitter to learn.
- c. Press any button of 2nd new transmitter for learning. Siren chirps 3 Time means waiting for 3rd new transmitter to learn.
- d. Same procedure maximum up to 4 transmitters
- e. If within 10 seconds no new transmitter's signal send out for learning. System turn to normal state.
- f. Every time learning new transmitter. Former codefold transmitter will be erased. Hence old transmitter must also learn again when new transmitter need to learning.