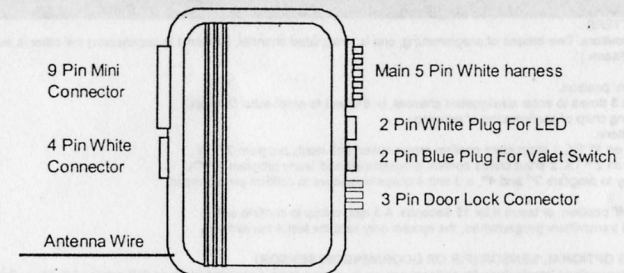


# VIKING VS 635

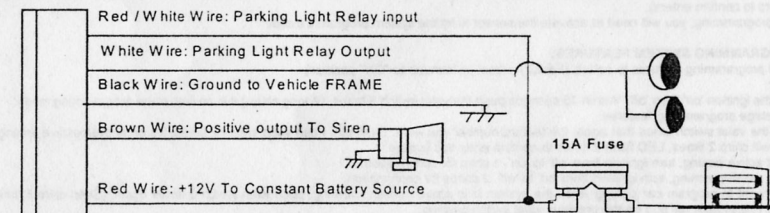
## Installation and Operation Manual

### INSTALLATION DIAGRAM

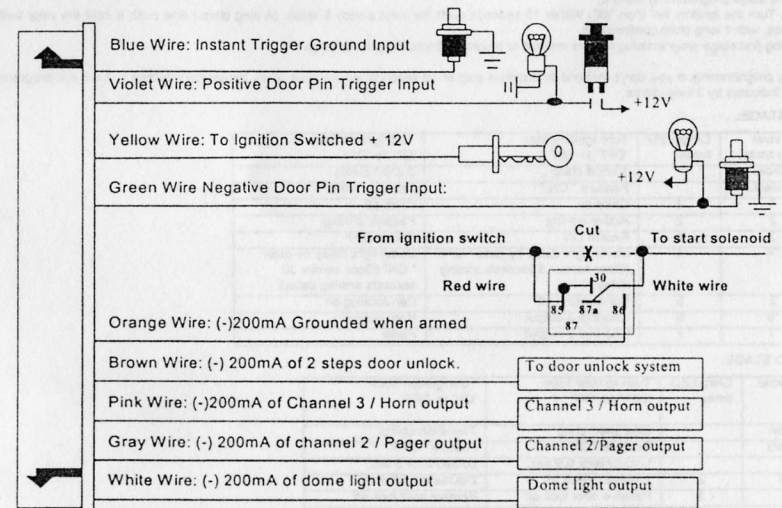


### WIRING DIAGRAM

#### MAIN 5 PIN WIRE HARNESS:



#### 9 PIN MINI CONNECTOR WIRE HARNESS:



#### G. ACTIVE ARMING:

1. Press arm button on transmitter.
2. The siren will chirp once, then 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 armed after 30 seconds, if the PIR or door sensor triggered, the system will full alarming.

#### H. ACTIVE DISARMING:

1. Press disarm button on the transmitter.
2. The siren will chirp twice to indicate system disarmed.

NOTE: 1. Tamper disarming: If alarm triggered. Upon disarming, siren will chirp 4 times, parking light will flash 3 times.

NOTE: 2. Automatic re-arm: No doors open and no ignition switch turn on after disarm; 60 seconds after system auto rearm. (First stage feature programming No. 3 set 'ON')

#### I. PANIC FUNCTION:

The transmitter can use to panic alarm in case emergency. Hold arm button for 3 seconds, and the system will full alarming. To stop panic, press arm button again or disarm button.

#### J. TRIGGER THE SYSTEM

While system in armed condition, open doors, hood, trunk or trigger the shock sensors, siren and parking light will turn on to alerting of an intrusion for 30 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 seconds cycles.

#### K. DOME LIGHT CONVENIENCE DELAY & SUPERVISION

1. If the vehicle equip with dome light delay, select feature of dome light delay by-pass "on" (voltage sensor 30 secs. arming delay - see programming feature I), when exit the car and arm the vehicle the car door will lock and get into arm mode immediately (siren chirp 1 time / parking light flash 1 time) - dome light delay by pass.
2. If vehicle equip without dome light delay, select dome light delay by-pass off (voltage sensor 3 secs arming delay - see programming feature I) while arm the vehicle the system will come out 3 chirps reminder (siren chirp 3 times) but actually there is no sensor defective.
3. The alarm with a unique feature which will turn on your vehicle dome light as following:
  - a. Upon disarming, the interior lights will remain on for 30 seconds.
  - b. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turn ON the ignition switch or arm the alarm will turn off the dome light

#### L. ANTI CAR-JACKING

Warning: If you don't need the car jacking function in this alarm system, be sure to set car jacking feature "OFF". This system is default setting all car-jacking "OFF". (See Alarm Feature I - 5 Programming.)

##### 1. TRANSMITTER ACTIVATE THE CAR JACKING:

Press and hold button 1 and 2 together on the transmitter for 1 seconds while the vehicle's ignition is ON.

The parking light will turn on for 1.5" seconds to indicate trigger the car jacking.

##### 2. DOOR SWITCH ACTIVATE CAR JACKING:

It operate as below:

1. Turn the ignition switch to "ON" position, the system is armed.
2. Once the system is armed, If you are forced from the vehicle, the system will activate the car jacking trigger when the door is opened and closed while the ignition is "ON".

#### TRIGGER THE CAR JACK MODE:

3-timer circuits will function as follows:

- a. 50 seconds after the system has been triggered. The siren will start chirping for 15 seconds.
- b. During this 15 seconds period of chirping, you will be alerting to push the valet switch once to turn off the car-jacking feature.
- c. If not, it will enter second timer car jacking.

65 seconds after the system has been triggered. The siren starts alarming and the parking light starts flashing.

90 seconds after the system has been triggered

- a. The siren still alarming and the parking light flashing, and
- b. The starter disable will activate to prevent the vehicle from starting.
- c. It will remain active until the vehicle's battery power exhausted.

#### VERRIDE THE SYSTEM TO TURN OFF CAR JACKING:

Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system disarmed

#### M. 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.

(See second stage programming features No. 4 & 5)

#### N. TRUNK RELEASE.

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

#### O. CHANNEL 3 CONTROL

Press channel 3 button(s) to remote control the optional electrical device. The device will 'on' when the button(s) press continuously, and 'off' when the button(s) released.

#### P. CAR LOCATOR

Press car locator buttons. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

## PROGRAMMING

### A. THE TRANSMITTERS:

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.  
Push valet switch 3 times to enter designated channel, or 6 times to enter auto channel.  
There will be 1 long chirp of confirmation of entering.
2. Program transmitters:  
Press any button on 1<sup>st</sup> TX. 1 short chirp confirm programmed and ready program 2<sup>nd</sup> TX.  
Press any button on 2<sup>nd</sup> TX. 2 short chirps confirm programmed and ready program 3<sup>rd</sup> TX.  
Use the same way to program 3<sup>rd</sup> and 4<sup>th</sup>, a 3 and 4 chirps respective to confirm programmed.
3. 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.

### 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 (IR-73) or Door/Window sensor. (DS-70) 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.  
The programming procedure is the same as above A. THE TRANSMITTERS. 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.

### C. PROGRAMMING SYSTEM FEATURES:

Total 13 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 mode.
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 active/passive arming selection. The siren will chirp 2 times, LED flash 2 times to confirm enter this feature.  
Select active arming, turn ignition from 'off' to 'on'. 1 chirp for confirmation.  
Select passive arming, turn ignition from 'on' to 'off'. 2 chirps for confirmation.  
If you want to program car jacking when the system is in active / passive arming, push valet switch 3 times again. (Siren chirp 5 times, LED flash 5 times) The system will add on the previous valet switch pushing.  
Note: Totally push valet switch 7 times, the siren chirp 7 times, and LED with 7 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 feature:  
Enter: Turn the ignition 'on' then 'off'. Within 15 seconds push the valet switch 6 times. (A long chirp.) And push & hold the valet switch for over 2 seconds, with 1 long chirp confirmation.  
By using first stage programming feature 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 programming feature, which indicates by 3 long chirps.

#### FIRST STAGE:

Push valet switch times:	Chirp/LED 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	Chirp on	Chirp off
2	2	Active arming	Passive arming
3	3	Rearm ON	Rearm OFF
4	4	Dome light delay by-pass "OFF" (Door sensor 3 seconds arming delay)	Dome light delay by-pass "ON" (Door sensor 30 seconds arming delay)
5	5	Car-Jacking off	Car-Jacking on
6	6	Channel 3 output	Horn output
7	7	Channel 2 output	Pager

#### SECOND STAGE:

Push valet switch times:	Chirp/LED 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 0.9 sec.	Lock/unlock 3 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"

## OPERATION MANUAL

### A. TRANSMITTER OPERATION: (4 buttons transmitter)

#### FOR DESIGNATED CHANNEL SETTING:

Transmitter Button	System Function	Remark
Button 1	Arm/Disarm & Door Lock/Unlock	
Button 1 (3 seconds)	Panic function	Press 3 seconds
Button 1 - 1	Arm and Delete the Shock Sensor	In disarm, press twice.
Button 1 - 1	Disarm and 2 steps Door Unlock	In arm, press twice.
Button 2 (2 seconds)	Channel 2 (trunk) control	Press 2 seconds.
Button 2 - 2	Passive Arming Bypass	While Exit Delay or Rearm
Button 3	Channel 3 control	
Button 1 + 2 both	Silent Arm/Disarm	Ignition in "off" position.
Button 1 + 2 both (1 second)	Activate anti car-jacking	Ignition in "on" position
Button 2 + 3 both	Car Locator	
Button 4	Car Locator	
Button 4 (3 seconds)	Panic	Press 3 seconds.

#### FOR AUTO CHANNEL SETTING: (Factory default setting.)

Transmitter Button	System Function	Remark
Button 1	Arm & Door Lock	
Button 1 for 3 seconds	Panic Function	Press 3 seconds.
Button 1 - 1	Arm and Delete the Shock Sensor	Press twice.
Button 2	Disarm & Door Unlock	
Button 2 - 2	Disarm and 2 steps Door Unlock	Press twice.
Button 2 for 2 seconds	Disarm and Channel 2 (trunk) control	Press 2 seconds
Button 3 for 2 seconds	Channel 2 (trunk) control	Press 2 seconds.
Button 3 - 3	Passive Arming Bypass	While Exit Delay or Rearm
Button 1 + 3	Channel 3 control	
Button 1 + 2	Silent Arm/Disarm	Ignition in "off" position.
Button 1 + 2 for 1 second	Activate anti car-jacking	Ignition in "on" position
Button 2 + 3	Car Locator	
Button 4	Car Locator	
Button 4 for 3 seconds	Panic	Press 3 seconds.

### B. LED INDICATORS:

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

LED	Status
1 flashes... pause	Trigger on PIR or door sensor.
2 flashes... pause	Trigger on trunk/hood
3 flashes... pause	Trigger on door switch
4 flashes... pause	Trigger on shock sensor

### C. CHIRP INDICATORS:

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

### D. PARKING LIGHT:

Parking light	Function
1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / Triggered
12 flashes	Car locator

### E. VALET MODE: (System in Disarm or Valet mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual override sequence.

#### Enter Valet Mode:

1. From the disarmed condition, turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

#### Exit Valet Mode:

1. Return to normal operation, turn ignition 'on'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicate the system are exiting the valet mode.

### F. 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 button 2 twice (designated channel setting), to temporarily 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 temporarily by-pass. When use transmitter to arm or disarm, this by-pass will cancel.