VIKING™

VS 2525

2-WAY LCD 4-CHANNEL
CAR ALARM SECURITY SYSTEM

Operation Manual

MEGATRONIX
CALIFORNIA, U.S.A.

OPERATION:

TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
🔒	Lock Doors and Arm System	
🔒 - 🔒	Arm and Delete the 2 Stage Shock Sensor	Press twice within 3 seconds
🔒 - 🔒 - 🔒	Arm and Noiseless Mode	Press within 3 seconds
🚗 - 🔒	Arm System and Hidden Alarm Function	Press within 3 seconds
🔒 + 🔓	Silent Arming / Disarming	Ignition in "off" position.
🔒 + 🔓 (2-second)	Active Anti Car-Jacking Mode	Ignition in "on" position press and hold for 2 seconds
🔓	Unlock Doors and Disarm System	
🔓 - 🔓	2-Step Door Unlock and Disarm System	Press twice within 3 seconds
🚗 (2-second)	Trunk Release (Channel 3)	Press and Hold for 2 seconds
🚗 - 🚗	Passive Arming By-pass	While the system is disarmed
🚗 - 🚗 - 🚗	Remote Control Entry/Exit Valet Mode	While the system is disarmed Press within 3 seconds
🔒 + 🚗	Channel # 4 Timer Output	
✳	Car Locator	
✳ (3-second)	Panic function	Press and Hold for 3 seconds

B. LED INDICATORS:

LED	Status	LED	Status
Off	Disarmed	2 flashes... pause	Zone 2 / Trigger on Trunk/Hood
Slow flash	Armed	3 flashes... pause	Zone 3 / Trigger on Door Switch
Fast flash	Passive arming	4 flashes... pause	Zone 4 / Trigger on Shock Sensor
On (solid)	Valet mode	5 flashes... pause	Zone 5 / Trigger on Ignition Switch

C. CHIRP INDICATORS:

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
3 chirps	Ajar Warning
6 chirps	Car locator

D. PARKING LIGHT:

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

E. SYSTEM OPERATING CONDITION:

	Siren, Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash or Off	Unlocking		Turns on for 30 -second
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car-Jacking	Alarming	Flashes			Disable	Flashes
6. Car Locator	6 Chirps	12 Flashes				

F. ACTIVE ARMING – LOCK & ARM:

1. Press 🔒 button on the transmitter.
2. The siren will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.

AJAR WARNING: If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. (See Alarm Feature **"I - 4** Programming)

SILENT ARMING / DISARMING: Press the 🔒 and 🔓 buttons at the same time on the transmitter will arm or disarm your security system, No chirp sounds will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

SHOCK SENSOR BY-PASS: Press the 🔒 button on the transmitter twice within 3 seconds will arm the security system and bypass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

NOISELESS MODE: Press 🔒 button once. The siren chirps once, the system is now armed.

Press the 🔒 button twice more within 3 seconds: The siren chirps once again, the system is now in Noiseless mode. On this mode, for the zone 4 shock sensor, the trigger timer will reduced from 30 seconds to 15 seconds.

The noiseless feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

HIDDEN ALARM FUNCTION: Press the 🚗 button first; within 3 seconds press the 🔒 button to activate the hidden alarm function. The security system will arm and with "Hidden Alarm Function". The siren / horn will be silenced even if the sensor is triggered in the armed status.

G. PASSIVE ARMING: (See Feature "II - 2" Programming):

Active arming / disarming will allow you to control your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.
1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once the vehicle all entrances are closed.
3. After 30-second time has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time and remain on for 10-seconds.

PASSIVE ARMING WITH PASSIVE DOOR LOCKING: (See Feature "II - 2" Programming)
The vehicle doors will automatically lock after passive arming cycle has been completed.

PASSIVE ARMING BY-PASS: While system disarmed, press 🚗 button twice security will respond with [1] chirp and LED will turn "ON". Security system will remain in this temporally state for as long as you wish. To exit passive bypass, press transmitter 🔒 or 🔓 button and system will return to normal.

H. ACTIVE DISARMING – UNLOCK & DISARM:

1. Press 🔓 button on the transmitter.
2. The siren will chirp twice and parking light will flash twice and then remain on for 30 seconds indicating that the security system is now disarmed. The vehicle doors will unlock and dome light wills turns on for 30 seconds upon disarming when interfaced with the security system.

TAMPER DISARM: If alarm triggered, when disarm system, siren chirp 4 times, parking light flash 3 times.

PATHWAY ILLUMINATION (See Alarm Feature "II - 4" Programming): This feature turns the parking light "ON" for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal.

TWO STEP DOOR UNLOCK: This feature will independently unlock drives door only when disarming security system. Pushing 🔓 button on transmitter second time within 3 seconds will unlock entire vehicle.

AUTOMATIC RE-ARM (See Feature "I - 2" Programming): If this feature is selected, the security system will automatically re-arm itself 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

I. DISARMING WITHOUT A TRANSMITTER:

OVERRIDE THE ALARM WITHOUT PASSWORD PIN CODE: (Factory Default Setting):
The Override function may be used if the remote transmitter is lost or inoperative.
1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 10 seconds push and release the valet switch.
Alarm will stop sounding and enter disarm mode. You can now start and operate the vehicle normally.

OVERRIDE THE ALARM WITH PASSWORD PIN CODE: (Alarm Feature **IV - 2** Programming)**:**
Unlike valet switch easily found, and defeated, this security system allows the consumer to program a password pin code, offering a higher level of security.
1. Enter the vehicle and turn the ignition switch to the 'ON' position. (Alarm will sound.)
2. Within 5 seconds, enter your chosen first 10ths digit by pressing and releasing the valet switch.
3. Within 15 seconds of the last entered 10ths digit, turn the Ignition switch "OFF" then "ON".
4. Within 15 seconds, enter your chosen second 10ths digit by press and release the valet switch.
5. Turn the ignition switch "OFF" position.
[4] Chirps form siren/horn, [3] flash from parking light and LED will turn off to indicate system disarmed.
Note 1: You must override the alarm within 60 seconds. If not, the system will automatically re-arm.
EXAMPLE: To Override the System With The Password Code 83, you would;
1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 5 seconds, press and release the valet switch 8 times
3. Within 15 seconds of the last entered 10ths digit, turn the Ignition Switch "Off" then "ON".
4. Within 15 seconds, press and release the valet switch 3 times
5. Turn the Ignition Switch to "Off" position.
[4] Chirps form siren/horn, [3] flash from parking light and LED will turn off to indicate system disarmed.

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

The valet switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions 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 the "ON" position.
2. Push and hold the 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 the valet switch for 2 seconds, LED will turn off to indicate system has exited valet mode. Parking light flash to confirm enter valet mode and two parking lights flashing to confirm exit valet mode.

Remote Valet Mode:
1. Press and release 🚗 button on transmitter three times within 3 seconds to enter or exit valet mode.
2. One parking light flash will confirm you have entered 'valet mode' and two parking light flashes will confirm you exited 'valet mode'.

K. CAR LOCATOR:

Press the ✳ button to activate car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

L. PANIC FUNCTION: (See Alarm Feature **V – 4** Programming):

The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency.
1. Press and hold the ✳ button for 3 second. The alarm will immediately sound.
2. During panic mode, the normal function of this transmitter button will be suspended. The 🔒 and 🔓 buttons can be used to lock and unlock the doors (if the option is installed), however once the 🔓 button is pressed, the vehicle's starter disable device, (where installed) will be enable allowing vehicle to start.
3. To stop the alarm, press and hold the ✳ button on the transmitter again for 3 seconds. Also if any transmitter button other than ✳ or 🔒 or 🔓 button is pressed and released, the panic mode will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

M. TRIGGER THE SYSTEM:

When armed, your vehicle is protected as follows:
1. Light impacts will trigger the warn-away signal.
2. Heavy impacts / Doors open / Hood open / Trunk open / Turning on the ignition key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on to alert of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the one of sensors or detectors is still active, the alarm system will sound a maximum of 6 times of 30 seconds cycles.

STOP THE MELODY SOUND ONLY: While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transceiver to stop melody sound only

NOISE ABATEMENT CIRCUIT: Your system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental condition such as thunder, jackhammers, airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm triggers five times. Each time the same sensor or switch is triggering the alarm, the "Noise Abatement Circuit" will interpret this pattern of triggers or false alarms. After the fifth trigger, "Noise Abatement Circuit" ignores, or by pass, that sensor or switch until the other sensor or switch is trigger.

"Noise Abatement Circuit" covers doors, hood, and trunk differently: If the alarm is triggered by an open door for six full cycles (three minutes), the doors will be bypassed until the trigger ceases.

N. ANTI CAR-JACKING:

Warning: If you do not need the carjacking function in this alarm system, be sure to set car-jacking feature "OFF". The default setting for this system is all car-jacking "OFF". (See Alarm Feature I – 4 Programming).

ACTIVE ANTI CAR JACKING:
1. Press and hold the transmitter 🔒 and 🔓 buttons at the same time for 2 seconds while the vehicle's ignition is ON. The parking lights will turns on for 1.5 seconds to indicate the system enters the car-jacking mode.

2. Once the system in car-jacking mode, if you are forced from the vehicle, the system will be trigger when the door is opened and closed while the ignition is "ON".

PASSIVE ANTI CAR-JACKING:
1. Turn the ignition switch to "ON" position; the system enters the car-jacking mode.
2. Once the system in car-jacking mode, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

TRIGGER THE ANTI CAR-JACKING MODE:
   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, are being alerted to push the valet switch once to turn off the car-jacking feature. If not, it will enter the second timer carjacking.
   c). 65 seconds after system has been triggered, siren starts alarming and parking light starts flashing.
   d). 90 seconds after the system has been triggered:
      1.   The siren will continue alarming and the parking lights flashing, and
      2.   The starter disable will activate to prevent the vehicle from starting.
      3.   It will remain active until the vehicle's battery power is exhausted.

OVERRIDE THE SYSTEM TO TURN OFF ANTI 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
  Note: If you use password pin code to protect vehicle security, you will need to use it to disarm system.

O. DOME LIGHT CONVENIENCE DELAY & SUPERVISION:
The alarm has a unique feature that will turn on your vehicle dome light as following:
1. Upon disarming, the interior lights will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.
Note: Turning ON the ignition switch or arming the alarm will turn off the dome light.

P. IGNITION CONTROLLED POWER DOOR LOCKS: (See Feature **II – 3** Programming):
1. Turn the ignition switch on and close all the vehicle's doors. After 3 seconds, the system will automatically lock the central locking system.
2. Turn the ignition switch off. The system will automatically unlock the central locking system.

Q. TRUNK RELEASE (Factory default setting) / CHANNEL 3 TIMER CONTROL OUTPUT: (See Alarm Feature **III – 3** Programming):
Press and hold the 🚗 button on transmitter for two seconds to remote control the trunk release or other electric devices.
Channel 3 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlights, power windows, or sunroof.
  Note: Factory default setting at 1-second pulse grounded for trunk release output.

R. CHANNEL 4 TIMER CONTROL OUTPUT: (See Alarm Feature **III- 4** Programming)
Press the transmitter 🔓 and 🚗 buttons at the same time to active Channel 4 function. Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlight, power windows, or sunroof.
  Note: Factory defaults setting at momentary output.

S. DRIVER PAGING / LOST AND FOUND: (For two-way transceiver operation only):
It is useful the event that someone wants to page the driver of the parked vehicle or someone cannot find his LCD remote control transceiver.
Under the ignition switch "off" condition, press and hold the valet switch for 2 seconds to page the driver, one chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding from you Remote LCD transceiver and CALL indication flashes on the LCD screen.

T. OUT OF RANGE INDICATION: (See Alarm Feature **II – 5** Programming):
If this feature is selected, the system will automatically check the range every 30 minutes after armed.
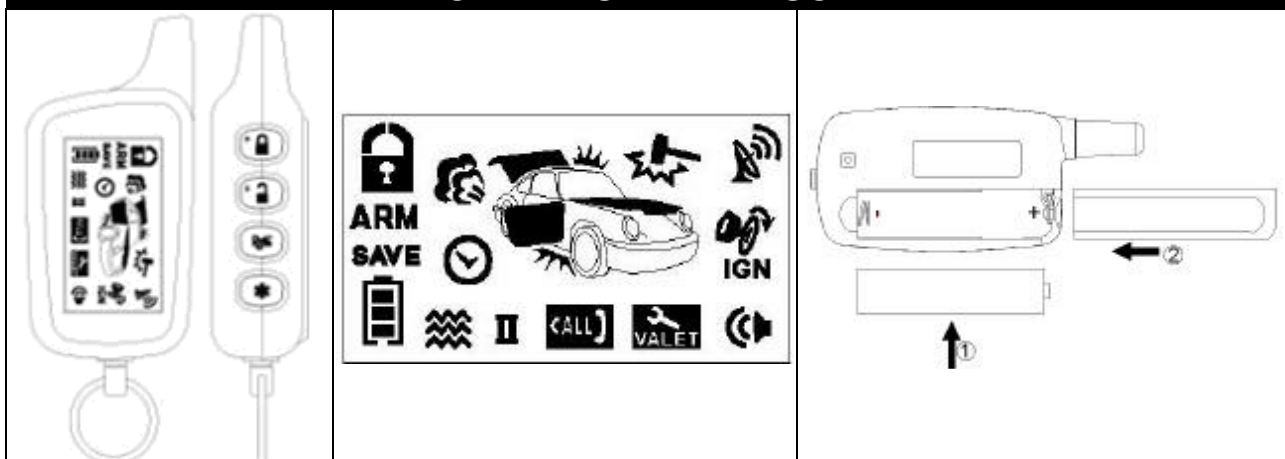1. If user is within the range, the RANGE icon will display on the LCD screen.
2. If user is out of range, it has five short "bi" sounds and RANGE icon will disappear on the LCD screen.
  Note: Programming "out of range indication" will decrease the life expectancy of battery

U. POWER ON MEMONRY:
This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

LCD REMOTE TRANSCEIVER:

Note: If the system is interfered by stronger radio frequency around, sources of high voltage electric power or such obstacles like tall buildings and so on, the transmission range may get shorter as the system uses low output powered frequency.

A. BATTERY REPLACEMENT:

A 1.5V type AAA Alkaline battery powers the Remote Transmitter. When the power of the battery weakens, an 🔋 icon shall be displayed on the LCD screen. When the old battery is replaced to new one, there will be beep sounds indicate the power is up.

Note: Press the 🔓 button two times when the battery compartment is empty, then insert the new battery.

REMOTE LCD ICONS WITH FUNCTION:

🔒	**Door Lock** Your vehicle doors are locked	🔓	**Door Unlock** Your vehicle doors are unlocked and the system is disarmed
ARM	**Armed Mode** Your vehicle is in armed mode	VALET	**Valet Mode** All the function shall be temporarily on hold.
📶	**Remote Transmission** You are transmitting the signal to control unit	📡	**In – Range Indicator** You are within the remote control range.
🚗	**Trunk/Hood Trigger** Trunk or Hood is illegally opened (Zone 2)	🚗	**Door Open Warning** Doors are illegally opened (Zone 3)
	Shock Sensor Trigger Trigger on Shock Sensor (Zone 4)	IGN	**Ignition Trigger** Trigger on Ignition Switch (Zone 5)
	Warn Away trigger Trigger on Shock Sensor (Zone 1)	🔋	**Low Battery** You have to replace the battery of remote control.
〰〰	**Vibration Mode** Remote Control vibrates when the system is triggered	(ALL)	**Driver paging / Lose and Found** Someone is paging you in front of your vehicle
SAVE	**Power Save Mode** Save the battery power	🐾	**Engine Running** Your vehicle's engine is running

PROGRAMMING OF THE LCD REMOTE TRANSMITTER:

NOTE: Press and hold all four remote control buttons simultaneously until one long beep is heard. LCD PROGRAMMING MODE has now been entered.

Transceiver Button	System Function	Remark
PROGRAM MODE - 🔒	Switching code for 2nd / 1st Car Operation	Press within 5 seconds
PROGRAM MODE - 🔓	Melody / Vibration Mode	Press within 5 seconds
PROGRAM MODE - ✱	Power Save Mode	Press within 5 seconds
🔦	LCD screen lamp turns on for 5 seconds.	
🔦 - 🔒 + 🔓	System's Status Check	Press within 3 seconds
🔦 - 🔒 + ✱	Clear the Flash Icon and Melody Sound	Press within 3 seconds

1. **Second Vehicle Security Operation:** Your remote transmitter can be utilized to control a second vehicle security system. To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming. All programming parameters be the same except for the following:
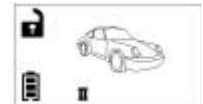
For Regular Remote Control Transmitter:

1. Prior to pushing any button on the transmitter. Press the Select **II** button first on the transmitter.

2. Once **II** button is pressed the LED on the transmitter will illuminate for 3.5 seconds to indicate the second transmitter pin code has built-in.

3. While the LED is illuminated, press any button on the remote control transmitter to control a second vehicle security system.

For 2-way LCD Remote Control Transceiver:

2nd Car Operation: While the "**II**" icon display on the LCD screen, you can remote control and communicate with a second vehicle security system. It has **two** short "bi" sounds while pressing the button of the LCD screen transceiver.

1. Press and hold **all four remote control buttons simultaneously until** one long beep is heard. Programming has now been entered.

2. Within 5 seconds press & hold 🔒 button until **two** beep sounds are heard & the "**II**" icon will display on LCD screen indicating 2nd transceiver pin code has built-in.

3. To exit programming mode, take no action for five seconds. The remote control will generate two long beeps to indicate programming mode has been exited.

Back to 1st Car Operation: You can remote control and communicate with a first vehicle security system. It has **one** short "bi" sound while pressing the button of the LCD screen transceiver.

1. Press and hold **all four remote control buttons simultaneously until** one long beep is heard. Programming has now been entered.

2. Within 5 seconds press and hold 🔒 button until **one** beeping sound is heard.

3. To exit programming mode, take no action for five seconds. The remote control will generate two long beeps to indicate programming mode has been exited.

2. **Vibration / Melody Mode:** It is useful when you are in a noisy place and difficult to hear beep sound from the remote control as the remote control in this mode, vibrates it if your security system is triggered.

1. Press and hold **all four remote control buttons simultaneously until** one long beep is heard. Programming has now been entered.

2. Within 5 seconds, press the 🔓 button to select the mode of vibration or melody, the ≋ icon will displayed on the LCD screen to show the LCD remote transceiver is on vibration mode.

3. To exit programming mode, take no action for five seconds. The remote control will generate two long beeps to indicate programming mode has been exited.

3. **Power-Save Mode:** While the power save mode, the LCD remote transceiver "sleep" until a button is pushed, extending the life of battery. When power save mode is "Off", the remote control will wake up periodically to check for messages from the security module.

1. Press and hold **all four remote control buttons simultaneously until** one long beep is heard. Programming has now been entered.

2. Within 5 seconds, press the ✳ button to toggle "On" or "Off". The remote will beep once for "On", twice for "Off". When power save mode is "On", the **SAVE** icon on the LCD screens to indicate entry the "power save mode"

3. To exit programming mode, take no action for five seconds. The remote control will generate two long beeps to indicate programming mode has been exited.

4. **Screen Lamp ON:** Press the 🔦 button once, the LCD screen lamp will turns on for 5 seconds

5. **System's Status Check:** When you want to check the system's present status through the LCD screen, Press the transceiver 🔦 button first, within 3 seconds press 🔒 and 🔓 buttons at the same time. It responds with one melody sound, the LCD screen should be illuminated.
Note: If it has no responds then you are out of range.

6. **Clear the Flash Icon and Melody Sound:** Press the 🔦 button first, within 3 seconds press 🔒 and ✳ buttons at the same time. It will clear the flash icon and melody sound on the LCD screen transceiver

7. **Stop The Trigger Melody Sound:** While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transmitter to stop melody sound only, the remote control buttons will not send a command to the system.

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.