



SNIPER X2 VEHICLE SECURITY SYSTEM

Installation Manual

1. SYSTEM FEATURES

- Remote Arming/Disarming
- Silent Arming/Disarming
- 2 Plug-in Sensor Ports
- Temporary Remote Sensor Bypass
- Panic Mode
- Valet Mode
- Optional Coded Emergency Override
- Remote Boot Release
- Car Finder
- Open Circuit Alert
- Door Open Alert
- Total/Comfort Closure
- Auto. Engine Disable
- Programmable Auto. Rearming
- Tamper Alert
- Remote Passive Arming On or Off
- Interior Light Supervision

2. SYSTEM OPERATION

2.1. Arm Condition Memory

If power to the alarm is removed it will remain in the same status when power is restored.



2.2. Button Function

Button	Armed	Disarmed	IGN On
BTN #1 once	Arm	Arm	Door Lock
BTN #2 once	Disarm	Disarm	Door Unlock
BTN #1 2 sec.	Panic	Panic	
BTN #3 once	Car Finder	Car Finder	
BTN #3 2 sec.	Boot Release	Boot Release	Boot Release
BTN #4 3 sec.	Remote Engine Start	Remote Engine Start	Anti-hijacking
BTN #2+3 once*	Status Report	Status Report	Status Report
BTN #1+2 once	Silent Disarm	Silent Disarm	Silent Disarm
BTN #1+3**	CH3	CH3	CH3
BTN #1 then #1 once	Arm & Bypass I		
BTN #1 then #1 twice	Arm & Bypass II		
BTN #1+4 1 sec.		Passive Arming On/Off	Passive Arming On/Off
BTN #2+4 once*		2way RC Power Saving	2way RC Power Saving
BTN #3+4 once*	2way RC Vibration On/Off	2way RC Vibration On/Off	2way RC Vibration On/Off

*=For 2way LCD remotes only.
 **=The CH3 output will be continuous whilst BTN #1+3 are pressed.

2.3. Programming New Remote Controls

The included remote controls have been programmed to the system in the factory. Follow the procedure below to program a new remote control to the system:

- Turn the ignition on with the system disarmed.
- Within 10 seconds, press valet switch 6.
- The siren sounds for 2 sec. to confirm the system is now in code learning mode.
- Within 10 sec., press any button of 1st remote control
The siren will sound for 1 sec. and hazard lights flash twice to confirm the 1st remote has been programmed to the system and all the previous codes in the system will be erased entirely.
- Within 10 sec., repeat for the 2nd remote control and again for 3rd and 4th remotes as applicable.
- * Up to 4 remotes can be programmed to the system
- * The system will leave the code learning mode after programming 4 remotes to the system and the siren will sound for 2 seconds to confirm.
- * If no buttons are pressed within 10 seconds, the system will leave the learning code mode and the siren will sound for 2 seconds to confirm.
- * The system will leave the code learning mode if the ignition is turned off at any time and the siren will sound for 2 seconds to confirm.

2.4. To Arm the System

A. By remote control

Remote Arming:

- With the system disarmed and ignition off.
- Press button #1 once.
- Siren chirps once.
- Hazard lights flash once.
- Doors lock and windows close.*
- LED flashes slowly to confirm the system is armed.
- * Window closure requires car with total closure or separate window closure module.

B. By passive arming

To turn the Passive Arming feature on or off:

- While the system is disarmed or the ignition is on:
- Press button #1+4 for 1 sec.
- The siren will chirp once to confirm the function is on.
- The siren will chirp twice to confirm the function is off.

When Passive Arming is on:

- Turn the ignition off and close the doors, bonnet and boot properly.
- LED indicator flashes rapidly.
- The system will automatically be armed 30sec. later.
- The siren chirps once and hazard lights flash once to confirm the system is armed.
- * The doors will also lock when the system is armed if optional feature #2 is enabled.
- * The 30 second countdown will be interrupted if any of the doors, boot or bonnet are opened. Closing the last opened door, boot or bonnet will restart the 30 sec. countdown.

C. By auto rearming

If optional feature #11 is enabled the system will rearm itself to avoid accidental disarming as follows:

- Disarm alarm by remote control.
- The system will arm itself again 30 sec. later unless any of the doors, boot or bonnet are opened.

2.5. Open Circuit Alert

If a door/boot/bonnet is open when the alarm is armed by the remote control the siren will chirp once and hazard lights flash once as normal and then the siren will chirp and the hazard lights flash as follows:

When programmable feature #10 is disabled.

- The siren chirps 3 times and the hazard lights flash 3 times if any of the doors, boot or bonnet are not closed properly. The door/boot/bonnet input will be bypassed until it is closed properly.

When programmable feature #10 is set as 25/40/60 sec.

- The siren chirps 3 times and hazard lights flash 3 times when remote arming the system if the boot or bonnet is not closed properly. The boot/bonnet input will be bypassed until it is closed properly.
- The siren chirps 3 times and hazard lights flash 3 times 25/40/60 seconds (depending on setting of feature #10) after remote arming the system if a door is not closed properly. The door input will be bypassed until it is closed properly.

2.6. To Disarm the System

A. By remote control

- With the system armed.
- Press button #2 once.
- Siren chirps twice.
- Hazard lights flash twice.
- Doors unlock.*
- Immobiliser turns off.
- LED turns off.
- Interior light turns on for 20 sec. (if connected).

* The system will unlock the drivers door only if the optional feature #7 is programmed as "Driver" Pressing button #2 again will unlock the passenger doors. Note: Requires special wiring of central locking.

B. By emergency override

If the remote controls are lost or broken the system can still be disarmed as follows:

- With the system armed or alarming.
- Turn the ignition on.*
- The LED starts to flash 10 times slowly after 2 sec.
- Press the valet switch once after the LED flashes a number of times equal to the override code.*
- The system will be overridden and enter disarm mode.
- * If the previous operation failed turn the ignition off and start again from the beginning.

After 3 failed attempts you must wait for 3 minutes before the emergency override will work again.

2.7. LED Indications

A. System status

Slow Flash = Armed
Fast flash = Auto rearm or passive arming
Steady Light = Valet mode
No Light = Disarmed

B. System trigger memory

To warn the user that the system was triggered whilst they were away from the vehicle, after disarming the system the siren will chirp 4 times, the hazard lights flash 3 times and the LED will flash to indicate the triggered zone as follows:

1 flash = Plug in sensor 2nd stage trigger.
2 flashes = Boot or Bonnet trigger.
3 flashes = Door trigger.
4 flashes = Ignition trigger.

* The trigger memory will be erased after turning the ignition on.

2.8. Silent Arm and Disarm

Following the steps below will arm or disarm the system without the confirmation chirp:

- With the system disarmed and ignition off, Press buttons #1+2 once, The system will be armed without the chirp but the hazard lights will still flash once to confirm.
- With system armed, Press the button #1+2 once, the system will be disarmed without the chirp but the hazard lights will flash twice to confirm.
- * If the programmable feature #1 is set as Off, then the system will always be armed and disarmed without the chirp confirmation but the hazard lights will still flash once(arm) and twice(disarm) to confirm.

2.9. Trigger and Alarming

A. 1ST stage of sensor trigger

- The siren will chirp 3 times.

B. 2nd stage of sensor trigger

- The siren will sound for one cycle.
- The hazard lights will flash for one cycle.
- The LED will flash for 1 cycle (1 flash).

C. Boot or bonnet trigger (opened then closed)

- The siren will sound for 1 cycle.
- The hazard lights will flash for 1 cycle.
- The LED will flash for 1 cycle (2 flashes).

D. Boot or bonnet trigger (opened then not closed)

- The siren will sound for 3 cycles.
- The hazard lights will flash for 3 cycles.
- The LED will flash for 3 cycles (2 flashes).
- After the 3 cycles, the boot/bonnet switch will be bypassed until the boot or bonnet is closed properly.

E. Door trigger (opened and then closed)

- The siren will sound for 1 cycle.
- The hazard lights will flash for 1 cycle.
- The LED will flash for 1 cycle (3 Flashes).

F. Door trigger (opened and not closed)

- The siren will sound for 3 cycles.
- The hazard lights will flash for 3 cycles.
- The LED will flash for 3 cycles (3 Flashes).
- After the 3 cycles, the door trigger will be bypassed until the door is closed properly.

G. Ignition trigger (on and then off)

- The siren will sound for 1 cycle.
- The hazard lights will flash for 1 cycle.
- The LED will flash for 1 cycle (4 Flashes).

H. Ignition trigger (on and not off)

- The siren will sound for 3 cycles.
- The hazard lights will flash for 3 cycles and pause for 5 sec. until the trigger is cleared.
- The LED will flash for 3 cycles (4 Flashes).

* 1 cycle = 30 or 60 sec. depending on the setting of programmable feature #9.

2.10. Stop the system when alarming

A. Press button #1 once

When the system is triggered, the siren and hazard lights are activated, press button #1 once, the siren and hazard lights will be deactivated but the system will remain in armed mode.

B. Press button #2 once

When the system is triggered, the siren and hazard lights are activated, pressing button #2 once will disarm the system and the siren will chirp 4 times, the hazard lights will flash twice to confirm and the LED will flash to indicate the triggered zone.

2.11. Panic Mode

A. With the system armed

- Press button #1 for 2 seconds, the siren will sound and hazard lights flash for one cycle. The system will remain armed.

B. With the system disarmed

- Press button #1 for 2 seconds and the system will arm and then the siren will sound and the hazard lights will flash for one cycle. The system will remain armed.

* During the panic mode, pressing button #1 once will deactivate the siren and hazard lights and the system will remain in the arm mode.

* During the panic mode, pressing button #2 once will deactivate the siren and hazard lights and the system will be disarmed.

2.12. Temporary Sensor Bypass

The plug in sensors can be bypassed temporarily until the next arming of the system as follows:

- Press Button #1 to arm the system.
- Within 2 sec. press button #1 again.
- The hazard lights flash once to confirm the warning stage of the plug in sensors has been bypassed.
- And then press button #1 again within 2 sec.
- The hazard lights flash once again to confirm the plug in sensors have been bypassed completely.

2.13. Ignition Lock and Unlock

A. Ignition lock

After turning the ignition on, the system will lock the doors automatically depending on the setting of programmable feature #3.

B. Ignition unlock

After turning the ignition off, the system will unlock the doors automatically depending on the setting of programmable feature #4.

C. Whilst driving

If the doors are unlocked during driving they will be locked again automatically after stepping on the brake pedal. (Brake light wire must be connected).

2.14. Door Open Alerts

The hazard lights will flash when a door is opened with ignition on. The operation will depend on the setting of programmable feature #13.

2.15. Boot Release

A. With the system armed

Pressing button #3 for 2 sec. will operate the boot release output. If programmable feature #15 is set as disabled the plug in sensors will be bypassed until the boot is closed.

If programmable feature #15 is set as enabled the system will be disarmed.

B. With the system disarmed

Pressing button #3 for 2 sec. will operate the boot release output.

C. During Auto-rearming

Pressing button #3 for 2 sec. will operate the boot release output and cancel the auto-rearming procedure.

2.16. Valet Mode

Valet mode is a convenient feature to use when handing your keys to third parties, eg. for valet parking or vehicle servicing.

- Turn the ignition on with the system disarmed.
- Within 10 seconds, press and hold the valet switch for 2 seconds.
- The system will enter the valet mode and the LED will be on all the time to confirm.
- * To exit valet mode repeat the steps above again, the LED will be turned off to confirm leaving the valet mode.
- * Under valet mode and with the ignition off, pressing buttons #1 and #2 will still lock and unlock the doors and the hazard lights will flash once for locking and twice for unlock.
- * The anti-hijacking, code learning, optional features and AED will not be activated with the system in valet mode.
- * To disable the AED you must leave the valet mode first.

2.17. Car Finder

With the system armed or disarmed, press button #3 once and the hazard lights will flash 12 times.

- * During the car finder mode, press button #3 once again then the hazard lights will flash 12 times more.
- * During the car finder mode, the system can be armed or disarmed by press the remotes as normal.

2.18. Interior Light Supervision (if connected)

The interior light will be turned on for 20 sec. when disarming unless the ignition is turned on.

The Interior Light will be turned on all the time during system alarming.

2.19. Door Open Alert (if enabled).

When enabled this feature flashes the hazard lights when a door is opened. When feature #13 is programmed as Mode 1 the hazard lights will flash if a door is opened and the ignition is on. When programmed as Mode 2 the hazard lights will always flash when a door is open regardless of whether the ignition is on or off.

2.20. Anti-hijacking by Remotes (if enabled).

When enabled the Anti-hijacking will be activated as follows:

- With the system disarmed and the ignition on.
- Press button #1 for 2 sec. to activate the anti-hijacking and the hazard lights flash once to confirm.
- The anti-hijacking countdown will start immediately or after the brake pedal is pressed depending on the selection of feature #17. The LED will flash every 2 secs. once the countdown starts.
- After 30 or 60 sec. depending on the selection of feature #16, the system enters the Anti-hijacking mode. 10 sec. before the countdown ends, the siren and hazard lights will activate as a warning.
- When the system is in anti-hijacking mode, the siren will sound and hazard lights flash until the system is overridden using the emergency override procedure described in section 2.6b.

2.21. Anti-hijacking by Ignition+Door (if enabled)

When enabled the Anti-hijacking will be activated as follows:

- With the system disarmed and the ignition on.
- Opening and closing a door will activate the anti-hijacking and the hazard lights will flash once to confirm.
- The anti-hijacking countdown will start immediately or after the brake pedal is pressed depending on the selection of feature #17. The LED will flash every 2 secs. once the countdown starts.
- After 30 or 60 sec. depending on the selection of feature #16, the system enters the Anti-hijacking mode. 10 sec. before the countdown ends, the siren and hazard lights will activate as a warning.
- When the system is in anti-hijacking mode, the siren will sound and hazard lights flash until the system is overridden using the emergency override procedure described in section 2.6b.