



# **MAP1100S**

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Operator's Instruction Manual  
&  
**Product Warranty Terms & Conditions**

# CONTENTS

Operating your security system.....	4	Intrusion alert.....	7
Remote control key.....	4	2 stage impact sensor.....	7
Arming.....	4	Shock sensor bypass.....	7
Disarming.....	4	Vehicle lights flashing.....	7
Automatic engine immobiliser.....	4/5	Vehicle light flash codes.....	8
Automatic arming.....	5	Chirp codes.....	8
Doors, bonnet & boot protection.....	5	LED codes.....	9
Automatic re-set.....	5	Valet mode.....	9
Security rearm & relock.....	6	System override.....	10
Arm condition memory.....	6	Programming override code.....	10
Ignition safety door locking.....	6	Programmable options.....	11
Battery back-up siren.....	6	Testing your system.....	12
		Warranty conditions.....	13

## **OPERATING YOUR VEHICLE SECURITY SYSTEM**

**Thank you for purchasing this Mongoose vehicle security system. To ensure correct operation, please take the time to carefully read this operator guide, try out the features, and familiarise yourself with its operation. Ensure the installer informs of the coded override switch location.**

### **REMOTE CONTROLS**

This product uses the remote controls supplied with your vehicle to activate this security system. If your central locking fails to operate by your remote, this security system will not operate. It should not disarm by using the ignition key in the door locks.

### **ARMING THE SYSTEM**

Before arming the system, turn off and remove the keys from the ignition. Close all windows and doors. The system is armed by pressing your central locking remote control.

You will notice the vehicle lights flash once and the siren chirps once to indicate that the system is armed.

The alarm's LED, dash board warning light , will slow flash to indicate the security system is 'armed'.

### **DISARMING THE SYSTEM**

Press your remote control to disarm the system. The vehicle lights will flash twice and the siren will chirp twice to indicate the system is 'disarmed'.

If the siren chirps 4 times, this indicates an intrusion – see section on chirp codes & intrusion alert.

If the Perimeter Nite Lite feature has been enabled, the vehicle lights will stay lit for 15 seconds after the two flashes to provide perimeter illumination.

### **AUTOMATIC ENGINE IMMOBILISER – PROGRAMMABLE – FACTORY SET TO 'ON'**

This security system automatically immobilises an engine starting circuit to prevent unauthorised

engine starting. The authorised installer of this product should advise you which circuit has been immobilised. The automatic engine immobiliser arms automatically 30 seconds after ignition off and the last door closed (or bonnet or boot if these are last). The siren will chirp once and the lights will flash once to confirm immobilisation. If an attempt is made to start the engine whilst immobilised, the siren will sound. Once automatically immobilised, pressing your remote button will cause your doors to lock and also fully arm the system. You will therefore need to press your remote button twice to deactivate the immobiliser.

**AUTOMATIC ARMING – PROGRAMMABLE – FACTORY SET TO ‘OFF’**

As well as automatically immobilising the engine, the system may also be programmed to arm the alarm system but not lock the doors. If this feature is enabled, the system will arm 30 seconds after closing the last door (or bonnet or boot if these are last).

Once automatically armed (and immobilised), pressing your remote button will cause your doors to lock. You will therefore need to press your remote button twice to deactivate the system.

**DOORS, BONNET AND BOOT PROTECTION**

The siren will sound for 30 seconds should any of these be opened when the system is armed.

If a circuit is left open, the alarm will cycle 6 times and then turn off. (In NSW, the siren will sound for 30 seconds once only and must then be manually re-set) The system does require your vehicle to be fitted with courtesy light door switches for these to trigger the alarm. If these are not fitted to your vehicle the alarm will not operate correctly. Fitting door switches will incur extra costs.

**AUTOMATIC RE-SET**

Upon being triggered, the siren will sound for 30 seconds, after which, it will stop and reset to the armed position. It will then re-trigger on the next intrusion. (NSW, one sounding only - must be manually re-set) If a circuit is left open, the siren will sound for 6 cycles of 30 seconds.

**SECURITY RE-ARM & RE-LOCK**

The system will automatically re-arm if it has been disarmed by remote but a door has not been opened within 30 seconds. Doors will also re-lock. For this feature to operate, the system must have been initially set by the remote control. This is to prevent your keys being locked in the vehicle. This feature cannot be programmed off.

**ARM CONDITION MEMORY**

Should the vehicle battery be disconnected, the system memorises the last set position of the alarm. If the alarm was disarmed prior to battery disconnection, reconnection does not cause the alarm to sound. If the battery was disconnected whilst the system was armed, reconnection will return the system to the armed state and trigger.

(The system has a battery back-up siren. Vehicle battery disconnection will cause the battery back-up siren to sound - this is turned off at the siren with the special key provided)

**IGNITION SAFETY DOOR LOCK (ANTI HI-JACKING) – PROGRAMMABLE – FACTORY SET TO 'OFF'**

If this feature is programmed on, the doors will lock 5 seconds after ignition 'on' and unlock with ignition 'off'. If a door is left open for more than 5 seconds after the ignition has been turned on the safety door lock feature will be bypassed.

**BATTERY BACK-UP SIREN**

This is mounted under the bonnet. When armed, it should sound if the vehicle is intruded through the doors, bonnet or boot. It will also sound if the ignition is turned on or the shock sensor senses an impact. The siren will emit different sounds depending on the type of intrusion. Familiarise yourself with the different sounds by triggering the alarm in the ways detailed above. Disconnecting your vehicle battery will cause the siren to sound due to its built-in back-up batteries. The siren is supplied with separate keys to enable you to turn the siren off before the vehicle battery is disconnected.

**INTRUSION ALERT**

When disarming, if the lights flash 4 times and the siren chirps 4 times, you know the system has been triggered whilst you were away. Refer to LED flash codes to show which circuit has been triggered. Turning the ignition 'on' resets the flash codes.

**2 STAGE IMPACT SENSOR**

The impact sensor is designed to detect major vehicle movement such as impact to the bodywork, vehicle towing or glass breakage. It may also be triggered by shock waves produced from loud exhausts, thunder and heavy vehicle traffic. It should not be triggered by normal wind or rocking motions. If the vehicle receives a light impact, the siren should chirp a few times and indicators flash twice as a warning. If the vehicle receives a heavier impact, the siren should sound for 30 seconds. (NSW one sounding only) The sensitivity level is set by the installer and should be at its optimum. Avoid over sensitivity as people nearby may not respond due to your alarm triggering too often through false alarms. (Impact sensors may not prevent wheel theft, we advise the fitting of locking wheel nuts)

**SHOCK SENSOR BYPASS**

You may choose to bypass the shock sensor when arming to avoid false alarms caused by excessive vibrations from heavy moving vehicles near your vehicle. Turn the ignition off. Press the system switch once. Exit the vehicle and arm the alarm and lock the vehicle. The siren will 'wolf whistle' and then chirp to confirm arming and the sensor bypass.

**VEHICLE LIGHTS FLASHING – PROGRAMMABLE – FACTORY SET TO 'ON'**

The lights flash to confirm the arming and disarming of the system. The lights will also flash in an alarm situation. The light circuits of the alarm system are fuse protected.

**VEHICLE LIGHT CONFIRMATION / CODES**

This is a visual indication of system status.

- A) 1 Flash - Armed by remote, or after the 30 second countdown for automatic functions.
- B) 2 Flash - Disarmed
- C) 3 Flash - Open circuit when system is armed (When programme #2 is 'OFF')
- D) 4 Flash - Disarmed and triggered
- E) Permanently lit for 15 seconds - Perimeter Nite Lite feature

**CHIRP CONFIRMATION / CODES**

This is an audible indication of system status.

- A) 1 Chirp - Armed
- B) A 'wolf whistle' followed by a chirp – System armed but the shock sensor bypassed
- C) 1 Chirp pause 2<sup>nd</sup> chirp - Indicates open circuit whilst arming (When programme #2 is 'OFF')
- D) 2 Chirps - Disarmed
- E) 4 Chirps - Disarmed and indicates that the system has been triggered.
- F) Chirps each time the ignition is turned ON and then OFF – This warns you that the system is in 'valet mode' and is not providing any security. See 'valet mode' section.

**DASH MOUNTED WARNING LIGHT - LIGHT EMITTING DIODE (LED)**

Located on or near the dashboard area, the LED is a small red flashing light that indicates the vehicle is fitted with a security system. The LED also tells the status of the system, intrusion and security integrity codes;

- A) Slow flashing - system armed
- B) LED off - system not armed
- C) Fast flashing - 30 second countdown for auto engine disable, auto arm & re-arm.
- D) On permanently - system in valet mode
- E) 2 flashes - indicates a bonnet intrusion
- F) 3 flashes - indicates door intrusion
- G) 4 flashes - indicates impact sensor
- F) 5 flashes - indicates attempted engine start (after setting by remote)

**VALET MODE (SYSTEM BYPASS) - L.E.D. STAYS PERMANENTLY ON**

Valet mode turns off the system but still allows normal remote operation of the central locking. Valet mode should only be used when you intentionally want to disable the security system such as when the vehicle is in for a service. To activate, press the system switch for approximately 2~3 seconds. The LED will now stay permanently lit indicating valet mode.

When in valet mode, the siren will chirp once each time the ignition is turned on and then off to warn that the alarm system is inactive.

To return the system to its normal state, just press the system switch once.



#### **SYSTEM OVERRIDE .....SECURITY CODED PUSHBUTTON SWITCH – USER PROGRAMMABLE**

At the time of installation, the installer fitted a hidden switch under the dashboard. For better security, the system switch should be hidden so only you know of its location. If the switch is too obvious, ask your installer to relocate it.

If the system fails to respond to the remote control, you can override it as follows;

- 1) Open the door with the ignition key – the siren will sound and the lights will flash
- 2) Turn on the ignition (if the ignition circuit is immobilised, no dash board lights will show)
- 3) Press the system switch the pre-programmed number of times.

***After 1 second of receiving the correct code, the siren will stop and the vehicle may be started.***

#### **PROGRAMMING THE SECURITY CODE FOR THE OVERRIDE**

You can at any time re-programme the code for the override sequence. Changing the code can only be done when disarmed and with use of the ignition key.

- 1) Turn the ignition ON
- 2) Press the system switch 5 times
- 3) Siren will sound one long chirp to indicate learning mode
- 4) Press the system switch the required number of times (1 to 6)
- 5) The siren will chirp after each press
- 6) Leave system for 10 seconds to memorise the number
- 7) Siren will sound twice to indicate that learning is completed

**PROGRAMMABLE OPTIONS** (items marked are factory default)

When the system is being installed, there are a few choices to enable or disable certain features. Discuss these with the installer prior to installation:-

	DEFAULT	
1. Automatic (last door) arming	.....	OFF
2. Dome light delay *	ON	.....
3. Arm/disarm with (on) / without (off) '+' signal *	ON	.....
4. Pulse or constant (-) signal *	PULSE	.....
5. Automatic engine immobiliser	ON	.....
6. Ignition safety door lock	.....	OFF
7. Light confirmation	ON	.....
8. Perimeter Nite Lite	.....	OFF
9. NSW siren timing (mandatory in NSW)	.....	OFF
10. Chirps	ON	.....

- **Automatic Arming:** System will arm the bonnet, boot, doors and any other sensors 30 seconds after ignition off and last door closed. Engine is automatically immobilised at the same time.
  - **Automatic engine immobiliser:** Factory set ON. We do not advise turning this feature off, or it may infringe insurance requirements.
  - **Ignition Safety Door Lock:** System will automatically lock all doors 3 seconds after the ignition is turned on providing all doors are closed. Leaving a door open for more than 3 seconds during engine starting bypasses this feature. Doors will automatically unlock when turning ignition off.
  - **Chirps:** The chirps can be permanently turned off. Only the lights confirm the arming and disarming.
  - **Lights:** The light flash of this system can be permanently turned off.
  - **Perimeter Nite Lite:** Upon disarming, indicators will stay lit for 15 seconds to give exterior illumination.
  - **NSW Siren Timing:** It is a mandatory requirement in New South Wales, Australia, for vehicle alarm systems to sound the siren for one cycle of 30 seconds only for any intrusion before it is re-set manually by remote control. With this feature turned on, the indicators will continue to flash for any intrusion. Factory default is multiple soundings.
- Standard Siren Timing:** The siren will sound for 6 cycles of 30 seconds if an individual circuit has been left open. After this time, the noise pollution circuits will cancel the sounding. Subsequent triggers will repeat this process.

\* Programmes 2,3,& 4 are selected by the installer as they are dictated by your type of vehicle.

## **TESTING YOUR SYSTEM**

We advise regular monthly checking of your security for correct operation.

- 1) Arm the system and then open the vehicle using the ignition key. The alarm should trigger when the door is opened. Repeat for the other doors, bonnet and boot to ensure the alarm triggers.
- 2) Arm the alarm and apply varying degrees of impact to check the shock sensor (be careful not to cause damage to the vehicle panels or glass)
- 3) Sit in the vehicle with the doors closed and arm the alarm system. Now try to start the engine. The engine should not start and the siren should sound.
- 4) Arm the system, then disarm but do not open a door. The system should rearm and relock after 30 seconds.
- 5) If other automatic functions have been enabled, test them to ensure they are operating.
- 6) Arm the system and test the override sequence.

If during your testing you are uncertain about the operation, please contact your Mongoose installer for assistance.

# PRODUCT WARRANTY CONDITIONS

Mongoose warrants that it will make good without charge, by repair or replacement with a reasonable equivalent, at Mongoose's discretion, any defect in the product, **excluding defect in installation**, submitted for claim for a period of three years from date of sale provided that:

- (a) the defect has been notified to an authorised Mongoose installation centre, distributor or agent (in the first instance to the original installation centre).
- (b) the system is less than 3 years of age from the date of sale and was manufactured within the last 4 years.
- (c) the system has been installed according to our written instructions and to the practices of AS/NZS3749.2 1997
- (d) the product warranty registration card returned within 30 days of purchase
- (e) an authorised installation centre has determined that the defect complained of is one of workmanship and not caused by:
  - (i) misuse or abuse such as misdirected current, water or fluid damage
  - (ii) operation of system after it is known to be defective
  - (iii) accident or deliberate act
  - (iv) alteration or modification of the system or its components by any party not authorised by Mongoose
  - (v) the fitting of parts or accessories not marketed or approved of by Mongoose
  - (vi) any work carried out on the system by someone other than an authorised Mongoose installation centre
  - (vii) any consequential damage
  - (viii) if the system is installed by anyone other than an approved installer a limited parts only 12 month warranty applies

Exclusions from this warranty are;

- (i) systems operated outside the original country of purchase
- (ii) the vehicle's remote controls
- (iii) normal wear and tear
- (iv) transportation of repairs or replacement parts etc. to rectification centres
- (v) faults associated with the installation
- (vi) mobile service costs for repairs
- (vii) labour costs for removal/refitting components
- (viii) vehicle damage caused during the installation

**Warranty for the installation is borne by the original installing agent only.**

Whilst every care is taken by Mongoose installers in fitting the system, Mongoose takes no responsibility for any damage caused to a vehicle in the installation process. Responsibility for this is borne by the installer.

**THIS WARRANTY IS ONLY TRANSFERABLE AS SET OUT BELOW**

If the vehicle is sold, the new owner receives the balance of the warranty period between the original installation date and 3 years.

If the original owner has the system re-installed into an alternative vehicle by an authorised Mongoose installation centre, the owner receives the remaining period between the original installation date and 3 years. The installer bears the warranty for installation.

Mongoose does not by inference, intent or any other means guarantee that a vehicle fitted with one of our security systems will not be stolen, broken into, tampered with, or parts taken. Vehicle security systems are deterrents and we recommend vehicle owners to have fully comprehensive insurance and to fit other security devices such as locking wheel nuts if the vehicle has expensive wheels and tyres.



**MONGOOSE OFFICES**  
**SYDNEY, MELBOURNE, BRISBANE, AUCKLAND**

For service contact your Mongoose agent;