



MOVING **INTELLIGENCE**

# Caravan Alarm



Protect your investment  
**Moving Intelligence (Phantom)**  
User Guide



**Manufactured exclusively for Phantom by our partners at Gemini, the Vanguard alarm is designed to secure your caravan simply and reliably.**

The standard alarm incorporates an electronic tilt sensor and a wireless Passive Infrared sensor PIR long with 2 four button remotes.

The alarm does have the facility to turn the awning light on during the arm and disarm process. This is likely only available where your alarm is factory fitted.

The PIR can be excluded if necessary and the sensitivity of the tilt sensor adjusted where required.



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## 1 System arming

The alarm unit can be armed by pressing the arm - button 1. Two high-pitched beeps will confirm the operation and the dome light will turn ON for approx. 30 sec. The system has a 30 sec. arming delay which allows you to exit the caravan without triggering an alarm. After this delay, the system is fully armed.

If the PIR sensor battery level is becoming exhausted, a 'Bop' will sound after the arming acoustic signals (replace PIR internal batteries. Use only 2 CR2032 batteries.)

## 2 System disarming

To disarm the system, press disarm - button 2 on the remote control. Three high-pitched beeps will confirm disarming and the dome light will turn ON for approx. 30 sec.

## 3 System arming without Internal sensors\*

The system can be armed without enabling the wireless PIR sensor(s). To do so, press button 3 on either remote control to arm the system. One high-pitched beep will confirm the system is armed with the sensors excluded.

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## 4 Tilt sensor exclusion\*

Arm the alarm as usual by pressing button 1. After the usual two beeps wait 4 seconds and press button 3. Tilt sensor exclusion is confirmed by one beep.

**\*Please note: Sensor exclusion is bound to a single arming cycle. Sensors will automatically be enabled the next time the alarm is armed**



## 5 Awning Light\*

Arming/Disarming the alarm will activate the awning light for 30 seconds. Button 4 on the remote will also activate the light for 5 minutes before automatically turning off.

**\*Typically awning light control will only be possible with factory installations.**

## 6 Tilt sensor adjustment

The TILT sensor sensitivity level is factory set to trigger an alarm if the vehicle is tilted at an angle of approx. 1.5° with respect to the x, y and z-axis. Sensor sensitivity can be custom-adjusted :

### Disarm the alarm system.

Simultaneously press, twice in a row, remote control buttons 1 and 2 'Bops' will confirm the system is in 'Adjustment Mode'

**(every time you enter in 'Adjustment Mode', the sensitivity level will automatically be restored to the 1.5° default setting).**

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Press button 2 once to increase the tilt angle to 3.5°: operation will be confirmed by 1 beep.

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Press button 2 again to increase the tilt angle to 7°: operation will be confirmed by 1 beep.

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Press button 2 once more to increase the tilt angle to 14°: operation will be confirmed by 1 beep.

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The system will automatically exit the adjustment mode after this step. 1 'BOP' will confirm the end of the procedure.

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To exit the adjustment procedure and confirm the selected tilt angle, simultaneously press remote control buttons 1 and 2

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PHANTOM  
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## 7 Alarms

An alarm event will trigger the siren for a maximum of 30 seconds. If the alarm condition remains or the alarm is not disarmed it will trigger another cycle after a pause of 5 seconds. Each alarm condition will trigger a maximum of 8 cycles.

## 8 Alarm trigger memory

If there has been an activation in your absence it will be signaled by 2 long beeps on disarming, followed by a number of high pitched 'chirps' to indicate the cause of the last trigger. (See table)

## 9 Pairing new devices

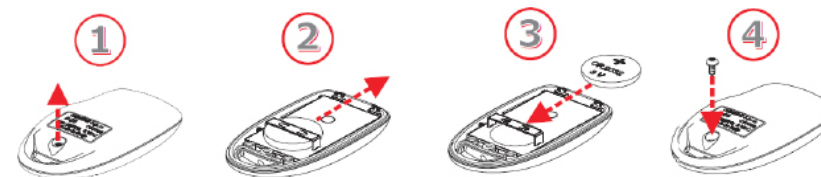
The alarm is supplied with 2 remotes and a wireless PIR sensor but extra sensors can be added via the LEARN button.

Press the LEARN button 5 times in a row within 5 seconds. Each press will generate a single beep and then a final 2 beeps will confirm the system is in pairing mode for the next 30 seconds.

Press one of the new remote buttons or trigger the sensor to be paired. A single beep will confirm the new device is added. To exit pairing mode press the LEARN button once

## 10 Battery replacement

When the remote batteries are too weak you'll notice the blue LED flicker/flash when arming or disarming the alarm. Replace the CR2032 battery



If the PIR battery is running low a secondary "bop" will sound after the usual arming 2 beeps of the siren. To replace the batteries detach the cover of the PIR from its mounting base.



### SIREN CHIRPS

### ALARM EVENTS

1 Chirps	: Wireless contacts Door opening
2 Chirps	: Infrared (PIR) Sensors
3 Chirps	: External Input
4 Chirps	: Tilt sensor

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**UPGRADE**

We offer **UPGRADE** deals if you have an existing unit with us these can be arranged if you contact us by phone or email. And are solely for existing customers.

0161 219 4299  
sales@movingintelligence.co.uk

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