



Owner's manual
AVS 3010+
AVS 3010
AVS keyless entry



Thank you for choosing a system from the AVS 3010 car alarm range. This range has been designed to provide reliable security and functionality for you and your vehicle. Please read this guide carefully and keep it in a safe place for future reference.



Remote controls

Two remotes are supplied and are used to control the system's functions. The remotes have rolling codes (4 billion codes) to prevent scanning and code grabbing devices. The remotes are also waterproof in normal use conditions.

REMOTE BATTERIES

Each remote is fitted with CR1616 x 2 long life Lithium batteries. You can purchase new batteries online at avscarsecurity.com, from your local AVS dealer or good electrical retailers. Replace the remote batteries if the remote range begins to decrease.


NOTE: Like any electrical device the remotes contain sensitive components that are easily damaged or broken, especially if dropped. They are expensive to replace so please take care of them.



Spare remotes and batteries

Normal operation AVS 3010+ and AVS 3010

ARMING

1. Press the  button.
2. The indicators will flash once and the siren will chirp once.
3. The doors will lock (if optional central locking installed).
4. The LED light on the dash will light solid for 15 seconds.
5. The LED light will then start flashing. The system is now armed.

ALARM TRIGGER

If a door, bonnet or boot is opened while the system is armed the siren will sound and the indicators will flash for 30 seconds. The system will then re-set itself.

AVS 3010+

The AVS 3010+ can also be triggered from the shock sensor. See Shock Sensor later in this manual.


DOOR AJAR WARNING/ZONE ERROR

If the siren chirps after four seconds on arming a door, bonnet or boot is opened or there is a problem with one of the zones in the vehicle. The system will exclude that zone until there is no error. See the table below for the zone error message:

Number of chirps	Error zone
1	Door*
2	Bonnet/boot
3	Voltage drop
4	Optional sensor
5	Shock sensor
6	ACC/ignition

* If your vehicle has a factory interior light delay this feature may not be available.

DISARMING

1. Press the  button.
2. The indicators will flash and the siren will chirp three times.
3. The doors will unlock (if optional central locking installed).
4. The LED light on the dash will go out. The system is now disarmed.

ALARM TRIGGER ZONE

If the alarm is triggered while you are away from the vehicle the LED light on the dash will tell you which zone has been triggered.



1. Disarm the alarm and turn on the ignition.
2. Watch the LED light on the dash and count the number of flashes.
It will only flash the first time you turn on the ignition after a trigger.
3. See the table below for zone codes.

Number of flashes	Triggered zone
1	Door
2	Bonnet/boot
3	Voltage drop
4	Optional sensor
5	Shock sensor
6	ACC/ignition



IMMOBILISATION

The alarm includes two immobiliser cuts via the starter motor and ignition system or fuel pump. The immobilisers come on automatically when the alarm is armed so the car cannot be started unless the alarm is disarmed via the remote.

PANIC/CAR FINDER

1. Make sure the car ignition is turned off.
2. Press the  button on the remote.
3. The indicators will flash and the siren will sound for 30 seconds.
4. To cancel panic, press the  button.


VALET MODE

This mode will stop the alarm arming. It is a useful if your vehicle is being serviced or repaired. In valet mode only central locking from the  (if connected) and the boot release from the  button (if connected) of the remote will operate.

Turn valet mode on

1. Disarm the alarm.
2. Turn the ignition on.
3. Push and hold the  button on the remote for two seconds.
4. The siren will chirp 10 times to confirm it is in valet mode.

Turn valet mode off

1. Turn the ignition on.
2. Push and hold the  button on the remote for two seconds.
3. The siren will chirp 10 times to confirm valet mode is off.

EMERGENCY DISARM/PIN CODE OVERRIDE

IMPORTANT: PLEASE READ

Emergency disarm allows you to override the system if the remotes are lost or broken (or the remote batteries are flat) so you can start the car.

How to use PIN code for emergency disarm

1. Open the driver's door. The siren will sound.
2. Enter the car and close the door. If your car has interior light delay, wait until the light fades out.
3. Within 30 seconds turn the ignition from OFF to ACC back to OFF the number of times for your PIN code (5 times for the factory code) and leave in the OFF position.
4. Wait 30 seconds until the siren stops. If the code is correct the alarm will disarm. If the alarm does not disarm the code was entered incorrectly. Start again from 1.


The code can be set to any number between 5 and 15. We recommend you ask your AVS installer to change it from the factory code to a number you choose to enhance the security of the system. Please note that if the code is changed you must make a careful note of the new PIN code as it will be the only record of it.

Normal operation AVS keyless entry

LOCKING

1. Press the  button.
2. The doors will lock.

UNLOCKING

1. Press the  button.
2. The doors will unlock.


Additional AVS 3010+ features

SHOCK SENSOR

The AVS 3010+ comes with a dual stage shock sensor. If the sensor detects a light impact to the vehicle the alarm will chirp the siren and flash the indicators three times. If the sensor detects a heavy impact the alarm will enter full alarm mode.

Disable the shock sensor

The shock sensor can be temporarily turned off.

1. Arm the alarm.
2. Press the  button on the remote again within two seconds.
3. The siren will give a long chirp. The shock sensor is now disabled. The next time the alarm is armed the shock sensor will automatically turn back on.

BATTERY BACK-UP SIREN

The AVS 3010+ siren has its own battery and charging system so it will continue to sound if power is cut to it from the car. The siren is supplied with two keys for the key switch on the top of the siren. If you need to disconnect your vehicle's battery the siren will need to be turned off with the key switch before disconnecting the battery. Remember to turn it back on when the battery is reconnected!

Optional features

Optional features are dependent on the systems already in your vehicle. Features are subject to change and not all features are available on all models of alarm and/or all vehicles. Additional parts and installation may be required. Please check with your AVS installer.


Central door locking

The alarm can lock/unlock the doors when the alarm is armed/disarmed.

Door lock on brake

The system will lock the doors when the ignition is on and the brake pedal is touched twice (if central locking is connected).

Boot release from the remote

1. Make sure the car ignition is turned off.
2. Press the  on the remote.
3. The indicators will flash five times and the boot will unlock.

Silent arm/disarm

The AVS 3010+ and AVS 3010 can be programmed to silently arm and disarm. The indicators will still flash.

Auto re-arm and re-lock

The alarm will automatically re-arm and re-lock the doors (if central locking connected) if the system is disarmed and a door not opened within 30 seconds. This prevents the accidental disarming of the alarm system.

Accessories AVS 3010+ and AVS 3010 models

The AVS 3010+ and AVS 3010 can be fitted with additional accessories. A charge will apply.



Digital tilt sensor

Sets itself to the angle you are parked on when you arm the alarm. If the car is tilted in ANY direction from one degree it triggers the alarm.



Glass break sensor

Triggers the alarm if the sound of breaking glass is detected.



Microwave sensor

Ideal for convertibles it detects body mass, such as a person, entering the vehicle.



PIR sensor

Triggers the alarm if the infrared sensor detects body heat and movement (use to protect the rear of vans and trucks).



Reed switch

Will trigger if the two halves are moved apart while the alarm is armed (use to protect ute canopies).



Ultrasonic sensor

Triggers the alarm if a change of air pressure or movement is detected in the cabin of the car.



Screamer siren

An extremely high-pitched screamer siren installed in the cabin of the car.

Frequently asked questions

Why is the remote range getting shorter?

The remote batteries are going flat. You can purchase new batteries online at www.avscarsecurity.com, from your local AVS dealer or good electrical retailers (Model: CR1616 x 2 per remote).

I would like to purchase another remote?

You can purchase new remotes online at www.avscarsecurity.com, from your local AVS dealer or good electrical retailers.

I have lost/damaged my remotes. How do I start the car?

You can disarm the system by using the emergency disarm/PIN code override (AVS 3010+ and AVS 3010).

My alarm chirps more than once when I arm the system?

The system is warning you that a door or bonnet/boot is open. Disarm the system, correct the problem and start again.

I disarmed the system a few minutes ago but now it is armed again?

It is most likely the system recognised you did not enter the car so it has automatically re-armed. This feature can be turned off by your AVS installer.

The system disarms and the dash lights are working but the car won't start? There is a clicking sound when I try to turn on the car but it won't start?

This is often an indicator of a flat car battery. The system draws such a small amount of power the system can be armed and disarmed (just like you can still see the dash lights) but the car does not have enough power to start. You will need to replace or recharge the car battery.

Note: if jump-starting the car please use protected jumper leads as failure to do so can do irreparable damage to the alarm system and your car's computer system and will void your car alarm warranty.

I'm worried the alarm will drain the car battery?

The alarm has been designed to draw as small an amount of current from your car battery as possible (<20mA). As long as the car's battery is in good condition the system should not adversely affect it if left unattended for up to three weeks approximately.

3-year warranty

Complete the information below and keep with your original receipt for the three year warranty period.

Installation details:

Date of Installation: _____

Installer: _____

Installer NZSA #: _____

Product: _____

Additional accessories: _____

Your details:

Surname: _____

Initials: _____

Address: _____

Vehicle Make: _____

Rego #: _____

Vehicle Model: _____

Terms and conditions:

Manta Electronics Ltd warrants the original consumer purchaser that the product described above, installed in the vehicle above, is free from defects in material and workmanship. Should this product be proven to be defective in materials or workmanship during the term of the warranty, Manta Electronics Ltd shall replace or repair any product or part of the product which Manta Electronics Ltd agrees is defective, without charge. Warranty on installation labour, removal and reinstallation charges are not the responsibility of Manta Electronics Ltd. If you require a mobile technician to call there will be a call out charge regardless of the cause of the fault. Any damage to the products as a result of

misuse, abuse, neglect, accident, incorrect wiring, improper installation, repair or alteration or installation outside Manta Electronics Ltd approved dealers will void warranty. Remote control transmitters and batteries are not covered under warranty. This warranty shall not apply to any product which is found to have been modified, repaired or altered in any way without the express written consent of Manta Electronics Ltd. This warranty shall not apply to any equipment or product connected to the Manta Electronics Ltd product. This warranty does not constitute a guarantee or insurance against the theft of the vehicle or contents thereof. This warranty does not affect your rights under the Consumer Guarantees Act.



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