



# Anti- Key Theft and Key Cloning Cobra Alarms

A4615 with ADR – product platform

**Vodafone**  
Power to you

Telematics technology has brought about substantial changes in the automotive world. Vodafone Automotive stands out as an innovator in this field. As a pioneer of Automatic Driver Recognition (ADR) technology, it's comprehensive solutions are the result of more than 20 years' experience and intense R&D activities in telematics.

To combat the modern car theft criminal, it has become necessary to provide more robust and ground-breaking solutions to the growing problem of key theft and key cloning.

Vodafone Automotive has provided, with 4615 ADR system, a solid defence in the battle against the more sophisticated car thief. The 4615 ADR also offers the ability to tailor its operation to the driver's needs.



## Description

The 4615 alarm is Thatcham CAT 2-1 accredited and provides maximum installation flexibility, cutting fitting time by around 30 minutes thanks to wireless communication between the central unit and the siren.



## Key features

- Self powered wireless siren.
- Built in immobiliser circuit
- Passive immobilisation
- Anti Hi-Jack
- Hi- security disarm
- Pager output
- Authorised driver recognition
- Diagnostic LED function
- Self adjusting ultrasonic sensors
- Input/output for additional sensors
- Perimetric protection (doors, boot, bonnet)
- Integration in either CAN or Plip configuration
- Easily programmable via Andromeda tool

## Benefits to the Dealer

- Exclusive to automotive trade
- Latest Alarm technology: Driver card allows for passive crank inhibition, high security disarm and passive immobilisation
- Quicker installation, cuts fitting time by 30 minutes. Professional installation is required
- Suitable for 2 wire CAN vehicles + plip
- Also available for leisure market- including Motorhomes
- Seamless integration with most alternative alarm systems

## Benefits to the Customer

- Built to automotive quality standards
- Driver card- Automotatic Driver Recognition (ADR) gives the user **peace of mind** with the advanced security and automotive technology
- Thatcham CAT 2-1 accredited but with the ability to upgrade when in conjunction with original manufacturer immobiliser.
- With Thatcham accreditation, there is a potential to reduce your insurance premium and/or liability.
- Latest Alarm technology helps to prevent OBD theft
- Recognised and trusted brand
- Ease of use: Integrated with factory remote control

## Main functions

The 4615 security system when used in conjunction with NAV117A ADR cards provides three major security benefits. These work in the following ways:

### 1) Passive crank inhibition

When the vehicle is unlocked, the system goes into a pre-disarmed state. It will fully disarm if the ADR card is detected and the vehicle will be authorised to start. If the card is not detected the vehicle will be immobilised until a valid driver card is detected or the correct pin code is entered into the system via the LED control panel.

### 2) High security disarm

When the vehicle remote gives the command to unlock, the 4615 will enter the pre disarm state and will wait for 15 seconds. At this point it will try to detect a recognised ADR card for a further 15 seconds. If a card is not detected, the system will go into full alarm trigger. The 4615 system will flash the vehicle hazard lights and the siren will be activated for a period of 30 seconds or until a valid ADR card is detected or correct pin code is entered via the LED control panel.

### 3) Passive Immobilisation

If the vehicle is hijacked whilst driving and the driver is forced from the vehicle, the system will try to detect a valid ADR card. If the card is not detected, after 90 seconds, the system will go into full alarm trigger. The alarm will sound for 30 seconds and repeat after 15 seconds. At this point, if the vehicle ignition is cycled, it will then be immobilised. The system will only allow a reset if either a valid driver card or the correct pin code is entered into the LED control panel.

## Product data

Rated Supply Voltage:	+12 VDC
Operating Voltage:	+8V÷+16VDC
Current consumption (central unit, LED and Siren) disarm	8mA
Current consumption (central unit, LED and Siren) armed	12mA
Central unit operating temperature	-40°C +85°C
Siren operating temperature	-40°C +85°C
Self-power supply	Lithium battery 6V 1300mAh
Transmitter battery/Driver Card	Lithium battery 3V CR2032
Central Dimensions	91X69X35mm
Siren Dimensions	113X79X45mm

