AM anti-theft systems
46XX platform – CAN products

Cobra AK4620

**Vodafone
Power to you**

The 46XX modular range has been designed for vehicles with original remote controls and CAN platform, but it is also suitable for non CAN (PLIP).

One remote control can be supplied as an addition to the OE one. The driver card is supported in order to increase the level of security.

The 46XX range is fully programmable with Data Linker tool and Andromeda software.

It is available for single and double wire CAN bus, for both low and high speed CAN layers.

Easy and quick to install as it requires the connection of 6 wires (average). Thanks to the wireless siren – not available for all products - there is no need of routing wires from the engine to the central unit location.

Description

Modular alarm system suitable for all vehicles equipped with original remote control

Key features

- Modular CAN/PLIP alarm system

- Built-in volumetric ultrasonic sensor

- High power siren

- Double wire CAN network interface

Benefits

- The system is designed to be fully compatible with a wide range of CAN bus vehicles and can also be used for non CAN based vehicles (PLIP)

- The Data Linker programming tool and Andromeda software allow to configure the product with vehicle specific application files available

- The system is designed to cut fitting time and to provide major flexibility as it can be easily customized for the destination vehicle, thanks to the CAN compatibility. Additional flexibility is also offered thanks to the use of wireless technology

Product positioning

Installation time
1 to 5 (1=20 minutes)

Protection
1 to 5

Comfort
1 to 5

Kit main parts

Alarm unit with built-in volumetric ultrasonic sensor
Universal wiring harness
High power siren
Emergency panel with led – pin code card
Quick reference user guide

System arming & disarming

Vehicle original remote control: by closing and opening the vehicle with its original remote control the system arms and disarms

Electronic emergency disarming (pin code by pushbutton): in the event of loss or failure of the original remote control, the system can be deactivated by entering the pin code

Protection functions

Single engine immobilisation: once the system is armed starting becomes impossible

"Passive" arming of the immobiliser (programmable): the vehicle engine is immobilised automatically 115 seconds after the ignition has been turned off to arm the system even in the event that you forget to close the car via the remote control

"Passive" arming of the complete system (programmable): the system automatically arms about 30 seconds after the ignition has been turned off, even in the event that you forget to lock the car via the remote control

Automatic re-arming in case of accidental disarming (programmable)

Additional output for high power siren/car horn (programmable)

Perimetric protection by contact (door, bonnet, boot): any attempt to open any doors, boot and bonnet will trigger an alarm

Ignition lock protection: the alarm triggers if ignition is turned on while the system is armed

Built-in pre-set ultrasonic volumetric protection (excludable): no need of any sensitivity adjustment. The volumetric detection can be temporarily switched off in a simple way

Driver recognition: the driver – entering in the car – is recognised by means of the driver card

Audible alarm (high power siren)

Output for telematic unit connection

Visual alarm (turn indicators flashing during the alarm-cycle)

Anti-hijack function (programmable): the alarm is triggered in the event that the driver is attacked and the vehicle stolen with the engine running; once ignition is turned off, re-starting becomes impossible

Comfort and diagnostic functions

Alarm memory and diagnostics: in the event that the system is triggered during the driver's absence, the user will get a notification upon disarming

Doors closure check: during the inhibition time the system signals if any doors, boot and bonnet have been left opened

Exclusion of external optional sensors: the additional sensors can be temporarily switched off in a simple way

Garage mode (programmable): to allow the vehicle usage in case of maintenance. All automatic functionalities will be enabled again once the engine has been started for 10 times

Additional functions

Bus: a single wire communication line which allows an easy connection of additional devices.

Product data

Nominal operating voltage (VDC)		12
Operating voltage (VDC)		8-16
Alarm unit operating temperature (°C)		-40 +85
Siren operating temperature (°C)		-40 +85
System (unit+siren) current consumption (mA)	armed disarmed	7 5
Siren sound pressure level (dBA)		>115
Dimensions (mm)	alarm unit siren	91x67x33 67x75x40
Weight (g)	alarm unit siren	90 207
Origin		made in Italy
Warranty		24 months

Homologations

ECER116 (security, E marking)
ECER10 (electromagnetic compatibility, E marking)
99/5/EC (use of radio spectrum, CЄ marking)

Accessories

AM5462: hyperfrequency volumetric sensor
AM5452: level monitor
AM2057: shock sensor
AM8509: double engine immobilizer

Package

Carton box
Single package dimensions (mm)   186x143x85
Single package weight (g)   865
Quantity per shipping package (pcs)   21