



AM anti-theft systems

46XX platform – CAN products

Cobra AK4625 – wireless

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
- Wireless back-up battery 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
 Wireless back-up battery siren
 Siren fixing bracket
 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, even in the event that you forget to lock 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

Lithium back-up batteries: in the event that the normal power supply is cut, the system sounds and signals the sabotage

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

Additional output for high power siren/car horn (programmable): allows the connection of the original vehicle horn or the connection of an additional high power siren

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

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

Built-in pre-set ultrasonic volumetric protection (excludible): 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 (wireless 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

External optional sensors exclusion: the additional sensors can be temporarily deactivated in a simple way

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

Programmable confirmation of arming and disarming by audible signal

Additional functions

Cobra bus: a single communication wire 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	11
	disarmed	8
Siren sound pressure level (dBA)	>115	
Dimensions (mm)	alarm unit	91x67x33
	siren	114x79x39
Weight (g)	alarm unit	91
	siren	158
Origin	made in Italy	
Warranty	24 months	

Homologations

ECER116 (security, E marking)

ECER10 (electromagnetic compatibility, E marking)

99/5/EC (use of radio spectrum, CE marking)

Accessories

AM5462: hyperfrequency volumetric sensor

AM5452: level monitor

AM2057: shock sensor

AM8509: double engine immobilizer

Package

Carton box

Single package dimensions (mm)

250x156x60

Single package weight (g)

865

Quantity per shipping package (pcs)

21

