



Motorcycle antitheft systems Spyball 68XX platform

Cobra's latest motorcycle security platform provides enhanced anti-theft protection and comfort thanks to a number of new interesting features that will make it the ideal response to this need. Spyball's patented movement sensor is still the core of the system, with important structural and functional improvements that allow for a wider range of adjustment and detection. The transmitter can be used as a conventional remote control or in "Biker Recognition" mode (automatic arming/disarming). The anti-hijack function ensures protection in the event that the biker is aggressed and forced to leave his/her motorcycle with the key in. The platform features great flexibility of use: these and other functions can be selected/deselected by the biker following simple, user-friendly procedures.

AB6829 Thatcham cat. 1



Key features:

- ✓ two pushbutton remote controls with "Biker Recognition" function
- ✓ suitable for any model of powered two-wheeler with 12V battery
- ✓ universal black wiring harness
- ✓ meeting the British Insurance Industry's Criteria for Motorcycle Security (Thatcham cat. 1 approval)

Description:

compact alarm unit (+ immobiliser) suitable for motorcycle and scooters

Benefits

- ✓ Small dimensions
- ✓ Water resistant
- ✓ Built-in movement detection sensor (improved configuration)
- ✓ Low current consumption

Product positioning

Installation time

1 to 5 (1=20 minutes)



Protection

1 to 5



Comfort

1 to 5



Kit main parts

Alarm control unit (ACU) with movement sensor

Two pushbutton remote controls (8742) (433.92 MHz)

User manual (the installation manual is available for download from the professional area of Cobra's website)

Single-colour (black) wiring

Tamper-proof metal shield

System arming & disarming

Arming/disarming via anti-scan anti-grab remote control with "Biker Recognition" function (selectable mode): the transmitter can be used as a conventional remote control ; alternatively arming/disarming can take place automatically when the biker walks away from/comes back to the parked motorcycle

Low current consumption rates in both disarmed and armed status, to preserve the two-wheeler's battery life

Emergency disarming procedure: in the event of loss or failure of the radio remote control, the system can be deactivated by entering a (customizable) pin code

Alarm status dashboard LED (dissuasive function)

Protection functions

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

"Passive" arming of the immobiliser: the motorcycle engine is immobilised automatically about 60 seconds after the ignition has been turned off, even in the event that the system is not set via the remote control

Selectable (positive or negative) instantaneous alarm trigger input for protection of e.g. seat, storage compartment, topcase via contact switches; a magnetic switch is included in the kit for the mandatory protection of the area where the ACU is fitted

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

The movement sensor triggers the alarm in the event of e.g. lifting, towing, forcing the steering lock. It can be adjusted to 8 levels of sensitivity to shock + 8 levels of sensitivity to displacement. Movement is monitored over 360°

Temporary deactivation of movement sensing via the remote control: allows to prevent false alarm when anti-theft protection is required but the two-wheeler is subject to movement (for example on a ferry)

Rechargeable NI-MH back-up batteries: in the event that the normal power supply is cut, they allow the system to sound and signal the sabotage

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

Audible alarm (built-in piezoelectric siren); the sound power can be lowered when the motorcycle is parked in areas where unnecessary noise has to be avoided

Panic function: visual and audible alarm can be triggered deliberately with the purpose of deterring a "suspected thief"

Anti-hijack function (can be enabled / disabled). The alarm is triggered uninterruptedly in the event that the biker is aggressed and the vehicle stolen with the engine running; once ignition is turned off, re-starting becomes impossible

Additional alarm output for connection of a telematic unit

Comfort functions

Confirmation of arming/disarming by visual signals (flashing of the turn indicators) and audible signals

Alarm memory and diagnostics: in the event that the system is triggered during the biker's absence, the latter is notified by audible signals upon disarming

Function check: during the inhibition time the protection functions can be tested without generating a full alarm cycle

Safety functions

"Turn indicator ON" audible warning signal: the system warns you with audible reminder signals after a turn indicator has been flashing for more than 24 secs

Product data

Dimensions (mm): alarm control unit (ACU) remote control	90 x 67 x 30 50 x 37 x 12,5
Nominal operating voltage (VDC) :	12
Operating voltage range (VDC):	9 - 17
Alarm control unit (ACU) operating temperature range (° C) :	- 20 /+85
Current consumption (mA): armed disarmed sleep mode	1 <1 0,4
Siren sound pressure level (dB):	114
Remote control battery:	3V CR2032

Origin: made in Italy

Warranty: 24 months

Homologations

EMC: electromagnetic compatibility complying with 97/24/EC

R&TT: radio remote control complying with 99/5/EC

THATCHAM: the British Insurance Industry's Criteria for Motorcycle Security – Thatcham, Issue 1

Package

Carton box	
Single package dimensions (mm):	245 x 155 x 55
Single package weight (g):	690
Pieces per shipping package (n°):	16