



## Motorcycle antitheft systems Spyball 6800 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 choice for demanding users. 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: the system activates automatically as the biker walks away from the parked vehicle with the transmitter in his/her pocket and deactivates as the biker comes back within the range of the integrated receiver. The anti-hijack function causes the alarm to sound and the indicators to flash uninterruptedly if the biker is aggressed and forced to leave his/her motorcycle with the key in; once the ignition is turned off, the vehicle is immobilised permanently. The platform features great flexibility of use: these and other functions can be selected/deselected by the biker following simple, user-friendly procedures.

### 6800

#### Description:

compact motorcycle antitheft alarm and engine immobiliser. Arming/disarming via anti-scan anti-grab remote control. Suits any model of powered two-wheeler with 12V battery.

#### Key features:

dual engine immobilisation ensures protection against unauthorized use of the motorcycle/scooter

if a theft attempt is detected by the built-in Spyball movement sensor, the peripheral protection circuit or the ignition lock tamper protection circuit, an audible/visual alarm cycle is triggered

the rechargeable Ni-MH back-up battery allows the system to operate in the event of cut of the power supply

anti-hijack and "panic" functions.



### Benefits

- ✓ Small dimensions, for easy siting on any model of powered two-wheeler
- ✓ Water resistant and vibration-proof
- ✓ Low current consumption rates

## Kit components

Alarm control unit with integrated movement sensor

Two push-button remote controls (p/n 8742), 433,92MHz

Fitting accessories

Universal or model-specific wiring harness (sold separately)

## 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 protected motorcycle

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

## Protection functions

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

Selectable (positive or negative) instantaneous alarm trigger input for protection of e.g. seat, storage compartment, topcase via (optional) contact switches

Ignition lock tamper 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 box

## Comfort & diagnostic 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, the biker 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

«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

Nominal operating voltage (VDC): 12

Operating voltage range (VDC): 9 – 17

Control unit operating temperature (C): - 20/+85

Current consumption rate (mA):  
 Armed 1  
 Disarmed <1  
 Sleep mode 0,4

Control unit dimensions (mm): 90x67x30

Remote control dimensions (mm): 50x37x12,5

Siren SPL (dB): 114

Remote control battery: 3V CR2032

## Homologations

97/24/EC Chapter 8 Motorcycle EMC Directive

99/5/EC: RTTE Directive

The British Insurance Industry's Criteria for Motorcycle Security, Issue 1 – Cat. 1