



Motorcycle anti-theft systems

Cobra Spyball 6500 platform

Vodafone
Power to you

The 6500 compact alarm platform is a response to the growing need for anti-theft protection of smaller motorcycles and scooters. These vehicles are at high risk of being stolen because they are easier for thieves to lift and carry away.

The 6500 is designed to be simple, user-friendly and affordable. Yet it provides all the functions needed for security: engine immobilisation, ignition lock anti-tamper protection, peripheral protection, backup battery, and movement detection via Cobra Spyball's patented movement sensor.

Description

Compact motorcycle antitheft alarm and engine immobiliser. Arming and disarming via anti-scan, anti-grab remote control. Suits any model of powered two-wheeler that has a 12V battery.



Benefits

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

Key features

- Dual engine immobilisation ensures protection against unauthorised use of the motorcycle or scooter.
- Audible and visual alarm signal when a theft attempt is detected by the built-in Cobra Spyball movement sensor, the peripheral protection circuit, or the ignition lock tamper protection circuit.
- Rechargeable NiMH backup battery that enables the system to operate even in the event that the power supply is cut.
- "Panic" function.

Kit components

- Alarm control unit with integrated movement sensor.
- Two push-button remote controls (part number 8712), 433.92MHz.
- Fitting accessories.
- Universal or model-specific wiring harness (sold separately).

System arming and disarming

- **Arming and disarming:** Performed via anti-scan anti-grab remote control.
- **Emergency disarming:** In the event of loss or failure of the radio remote control, the system can be deactivated by entering a PIN.

Protection functions

- **Double engine immobilisation:** Once the system is armed starting, becomes impossible.
- **Negative instantaneous alarm trigger input:** Protects seat, storage compartment or topcase, via optional contact switches.
- **Ignition lock tamper protection:** Triggers the alarm if ignition is turned on while the system is armed.
- **Movement sensor:** Triggers the alarm in the event of lifting, towing or forcing the steering lock. It can be adjusted to eight different levels of sensitivity.
- **Temporary deactivation of movement sensing via the remote control:** Prevents false alarms when anti-theft protection is required, but the two-wheeler is subject to movement (for example on a ferry).
- **Rechargeable NiMH backup battery:** In the event that the normal power supply is cut, enables the system to sound and signal the sabotage.
- **Visual alarm:** Flashes the turn indicators during the alarm cycle.
- **Panic function:** Enables a visual and audible alarm to be triggered deliberately to deter a threat.
- **Additional alarm output:** Supports connection of a telematics box.

Comfort and diagnostic functions

- **Confirmation signals:** Visually (by flashing the turn indicators) and audibly confirms arming and disarming.
- **Alarm memory and diagnostics:** In the event that the system is triggered, the biker is notified by audible signals upon disarming the system.
- **Function check:** During the inhibition time the protection functions can be tested without generating a full alarm cycle.

Product data

Nominal operating voltage (VDC)	12
Operating voltage range (VDC)	9–15
Control unit operating temperature (C)	-20 to +85
Current consumption rate (mA)	
Armed	1.5–1.8
Disarmed	1
Sleep	0.5
Control unit dimensions (mm)	80 x 88.5 x 31.7
Remote control dimensions (mm)	50 x 37 x 12.5
Siren SPL (dB)	114
Remote control battery	3V CR2032

Homologations

97/24/EC Chapter 8 Motorcycle EMC Directive.

99/5/EC: RTTE Directive.

