

## standard features

- Remote on/off
- Central door lock activation
- Remote activation of original equipment total closure feature
- Earth contact circuit
- Immobilisation
- Automatic reset
- Flash on/off
- Indicator circuit - fused
- Status LED - Identification of attempted theft
- Safety circuit
- Exit delay - 60 seconds
- Audible on/off when optional 354 siren is used
- Auto diagnosis - circuit verification

## selectable from remote

- Ultrasonic protection
- Panic mode

## selectable at time of fitment

- Passive mode
- Panic mode
- Override keyswitch

## optional features

- Door lock motors (Art. 284/287)
- Electronic siren (Art. 334)
- Battery back up siren (Art. 345)
- Battery back up siren with audible on/off (Art. 354)
- Window closer (Art. 281/282)
- Sunroof closer - various
- Secondary immobilisation circuit (Art. 450)
- Anti-jack sensor (Art. 125/L99)

## operating instructions

You will have received from the installer a key and spare and a telecontrol device and spare. Your installer will already have turned the **key switch** to the 'on' position.

### important!

Where the alarm controls a window closing system, any window left open will automatically close when the telecontrol is operated.

Accordingly the alarm should only be activated when the vehicle is clearly in view and the windows are free from actual or potential obstruction.

### notes

1. Regularly test the courtesy light and always check it is switched 'on' by the doors as you leave the vehicle.

2. A safety circuit ensures that the alarm cannot be switched 'on' when the engine is running and the power supply to the alarm is maintained.

**important!** Keep the override key with the keys of the vehicle to allow the alarm to be switched off when the vehicle is being serviced.

3. The telecontrol unit is powered by a standard 12 volt alkaline battery model GP23 or equivalents. With normal usage this should last 12 months but we recommend that the battery be replaced after 6 months to ensure continuity of alarm.

Replacements can be obtained from your dealer or stores stocking lighter batteries.

Each telecontrol unit is identified by a number. Please record the number and remove the label. In the event of a replacement being required, apply to the dealer from whom you purchased your Scorpion equipment. He will require proof of purchase (i.e. invoice in your name) and the serial number of the telecontrol.

4. Alarm units should not be steam-cleaned or power-washed.

5. If the alarm should sound for five minutes, after this time the siren will cease to sound but the vehicle will remain immobilised until the alarm is switched 'off'.

## mode of operation

When the alarm is switched 'on' by depressing the left button of the telecontrol device, the alarm will be triggered immediately by:

1. An attempt to start the vehicle
2. Opening a boot or bonnet which is fitted with an original equipment contact switch
3. Opening a boot or bonnet which is fitted with an earth contact switch (Art. 111/112)

Following a 60 second set up time the alarm will also be triggered by:

1. Opening a door which is fitted with an original equipment contact switch
2. Opening a door which is fitted with an earth contact switch (Art. 111/112)
3. Movement inside the passenger compartment via the ultrasonic detection system

**NB.** If the optional anti-jack sensor is connected the alarm will be triggered by altering the reference angle of the vehicle following a 20 second set up time.

When the alarm is triggered, the vehicle will be immobilised, the optional siren will pulsate and all traffic indicators will blink for approximately 30 seconds. The alarm will then reset automatically to provide protection against a further attempt to enter the vehicle.

Where the vehicle is equipped with a total closure system (e.g. doors, windows and/or sunroof closing from the door key switch), the alarm will, if connected, activate this system by remote control.

If the vehicle is not equipped with a total closure system, the alarm may also close electric windows and sunroofs if required when Scorpion closure modules (Art. 281/282 etc.) are fitted.

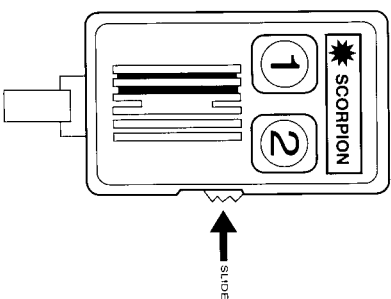
Where the alarm is connected to original equipment central locking, or Scorpion central door locking motors have been fitted (Art. 284/287), switching 'on' and 'off' the alarm will simultaneously lock and unlock doors.

If optional sirens (Art. 345/354) are fitted, the siren will sound if the power supply is disconnected.

## alarm functions programmable from remote with ignition switched 'off.'

function	action
Alarm 'on' plus ultrasonic protection	Press Button 1 with slide up Indicators flash 3 times
Alarm 'off'	Press Button 1 Indicators flash once
Alarm 'on' without ultrasonic protection	Press Button 1 with slide down Indicators flash twice
Alarm 'off'	Press Button 1 Indicators flash once
Panic 'on'	Press Button 2 Siren sounds
Panic 'off'	Press Button 1 Siren off

**N.B.:** If the alarm is not armed, pressing button will cancel the siren and set the alarm. Pressing button 1 a second time will disarm the alarm.



## passive arming

If the passive arming standard feature was selected at the time of fitment, the alarm will arm automatically 20 seconds after the ignition is switched 'off' or the last door has been closed.

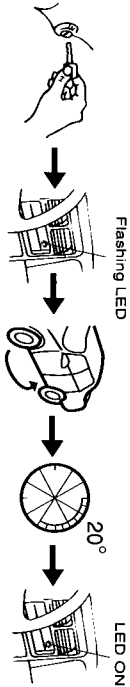
When the ignition is switched 'off' the LED will flash to indicate **passive arming** of the alarm. The alarm will then arm 20 seconds later or after the last door has been closed.

The alarm will **not** lock the doors.

The alarm is disarmed by pressing button no. 1 of the remote control. Switching 'off' the alarm will unlock doors where central door locking is connected to the alarm system.

**N.B.** If the panic alarm is pressed the **passive arming** feature will be delayed until the **panic** alarm cycle ends.

The **passive arming** feature can be interrupted by pressing button no. 1 of the remote control which will switch 'off' the alarm. This is useful if the driver remains in the vehicle without having the ignition switched 'on.' Turning the ignition 'on' and 'off' will restore the passive arming function.



## LED - status indications

The LED communicates the following information to the driver:

1. Alarm system 'on' - LED illuminated.
2. Alarm system 'off' - LED extinguished.
3. Passive Arming 'on' - LED flashes for 20 seconds after ignition is switched 'off'.
4. When the alarm is disarmed, after the driver returns to the vehicle and the ignition is turned on the LED will indicate an attempted break-in as follows:

no. of flashes	type of intrusion detected
7	Attempt to start the vehicle
5	Door opened
4	Boot/bonnet opened
2	Alteration of vehicle reference angle (where anti-jack sensor is coupled)
1	Movement within the passenger compartment via ultrasonic sensor

**N.B.** The sequence of flashes will be repeated three times.

## technical specification

Voltage	12V
Quiescent current	13mA armed
Quiescent current	9mA disarmed
Immobilisation relay	20 amps contacts
Central locking relay	10 amps contacts
Indicator relay	10 amps contacts
Remote range	10 metres
Operating temperature	-30°C to +85°C