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SCORPION AUTOMATIC 7854T Alarm Control Devices User Guide

Contents

SCORPION AUTOMATIC 7854T Alarm Control Devices

INTRODUCTORY NOTE

Dear Customer,

Thank you for choosing a Scorpion product.

Please read the present manual carefully to familiarise yourself fully with the alarm system features and operating procedures and do keep it handy for future reference.

The following signal words are used throughout this manual to emphasize important instructions or special information.

WARNING

Non-compliance to this instruction will result in serious damage to the alarm system and the vehicle itself.

CAUTION

Non-compliance to this instruction may cause serious damage or operational failures to the alarm system.

NOTE
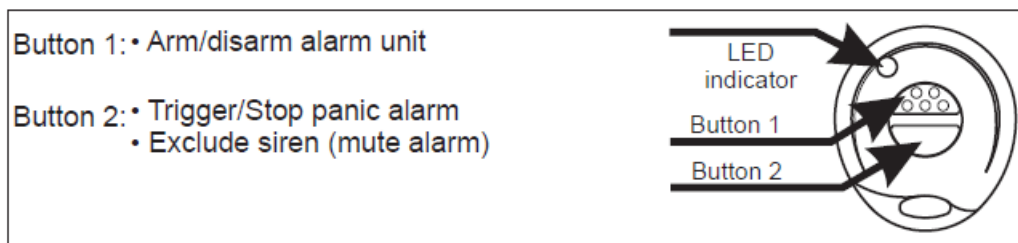
Provides useful information.

ALARM CONTROL DEVICES

The 2-button remote control and the override touch key are used to operate the alarm system.

Remote control

The remote control has 2 different function buttons each of which corresponds to a control signal that activates a selected action according to the operational condition and alarm configuration.

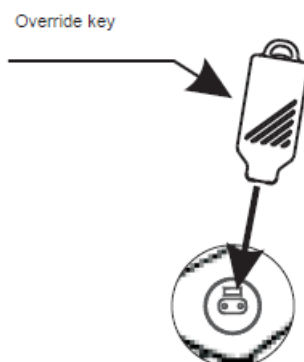The textured button is for arming/disarming the alarm while the smooth button is used to exclude or trigger the siren.

The remote control has a low charge battery indicator that gives you early warning to avoid malfunctioning. When the batteries are fully charged, the LED will show a steady light at the press of a button. If the batteries are too weak for normal operation, the LED will start blinking at the press of a button.

Button 1: • Arm/disarm alarm unit

Button 2: • Trigger/Stop panic alarm
          • Exclude siren (mute alarm)

Override touch key

The override key is a simplified remote control. In emergency situations (remote control lost or inoperative), it can be used to arm/disarm the alarm or trigger/stop the panic alarm (selectable feature, factory enabled).
To use the override key, simply touch it to its receptacle. The receptacle incorporates a LED warning light that serves as both a system status indicator and a visual theft deterrent.

ALARM OPERATION

Arming
Press remote control button 1 or touch the override key to its receptacle to arm the alarm. Arming is confirmed by a 2 short Beeps. The LED turns ON steady.

Passive immobilisation (For reference only)
The alarm has a feature called passive immobilization, although the immobilization circuits of the alarm system are NOT used on a caravan installation passive immobilisation will occur. Passive immobilization will activate 40 seconds after the ignition is turned OFF or the alarm is disarmed, in this state the alarm is not active. Opening a door with a wired door contact connected during the 40 second arming delay will cause the procedure to interrupt; it will resume once the door is closed. Passive arming is confirmed by 2 Beeps and the LED will start flashing quickly. To disarm passive engine immobilizer, turn ignition ON and press any remote-control button or with the ignition off arm the alarm in the normal way.
NOTE: When passive immobilization is active the alarm is in the disarmed state and will not trigger on any circuit.

Wired Door Contact
If, during the arming process, a door with a wired door contact is opened or incorrectly closed, a BOP will sound after the arming confirmation tones.
The alarm will arm but an alarm condition will be triggered after the arming delay.

Arming delay
There is a 20 sec. activation delay from the time the system is armed. During the arming delay the LED is ON steady it will start flashing as soon as the system will be fully armed. Optional module inputs are immediately enabled.

Siren exclusion (mute alarm) (For reference only)
During the first 4 seconds of the arming delay, the siren can be excluded by pressing remote control button 2, this feature is not suitable to be used on caravan installations.

Motion sensor exclusion
It is recommended if you are traveling by ferry that the alarm is not armed as the motion sensor could trigger the alarm system.
To disable the motion sensor arm then disarm the alarm or with the alarm disarmed press the simulated ignition switch on then off, after 40 seconds you will hear two Beeps.
The alarm is now disabled and all sensors motion sensor, ignition sense, battery disconnection and door contacts switch are DEACTIVATED.

Arm the alarm as normal to restore normal operation.

Full Arming

After the 20 sec. arming delay, the alarm is fully armed and ready to detect any alarm event. The LED will start blinking to confirm the armed state.

Alarm events

If an alarm condition is detected during the armed state, the siren will sound for approximately 30 seconds, the red LED on the receptacle will turn ON steady. The following conditions will trigger the alarm:

- Battery Disconnection;

- Ignition attempt;

- Motion detection (ex. lifting, towing, forcing the steering lock);

- Seat/top case unauthorized access;

- Panic siren (button 2).

- PIR Detection

When the alarm condition ceases, the system returns to the armed state.

To mute the siren during an alarm condition, without disarming the alarm, press button 2.

Limiting acoustic signals

Alarm conditions caused by a sensor will trigger a maximum of 8 consecutive alarm cycles during any armed period. The siren will then be automatically be excluded for the following reasons:

- To comply with the regulations in force aimed at limiting noise pollution

- Save power and maximize the caravan's battery.

Neutral time between alarms events

When the alarm cycle is over, any further alarm condition will be ignored for 8 seconds; the LED will be ON steady. After this time interval, the system will return to the armed state confirmed by the blinking LED.

System disarming without alarm memory

Press remote control button 1 or touch the override key to its receptacle to disarm the alarm. Disarming is confirmed by 3 Beeps and the LED will turn OFF.

System disarming with alarm memory

An alarm event detected while the system is armed will be signaled upon disarming by 2 Bops.

The last cause of alarm can be identified by observing the status LED:

- Simulated Ignition Switch Activation 2 LED flashes and 2 Bops

- Wired Door Contact 3 LED flashes and 3 Bops

- Battery Disconnection 4 LED flashes and 4 Bops

- Motion Detection 5 LED flashes and 5 Bops

- Wireless Magnetic Contacts or Opening Detectors 8 LED flashes and 8 Bops

- Wireless Infrared Sensor (PIR) or Wireless Hyper-Frequency Sensors 9 LED flashes and 9 Bops

PROGRAMMABLE FEATURES

The alarm is factory preset with the following features enabled:

Factory settings	
Feature	**State**
Acoustic signals	Enabled
Panic alarm	Enabled

- **Acoustic signals:**

  to confirm arming/disarming, alarm memory, programming and learning of new devices.

- **Panic alarm:**

  for use in emergency situations.

  Panic alarms can be triggered as many times as necessary, but at least 5 sec. must elapse between 2 consecutive alarms. Pressing button 2 will immediately trigger the siren for 30 seconds.

  To turn OFF the panic alarm, press button 2 again.

SLEEP MODE ACTIVATION/DEACTIVATION

If the caravan will be sitting idle for long periods of time, the alarm can be switched off (Sleep Mode) to preserve battery life.
To activate Sleep Mode, proceed as follows:

- Press the simulated ignition switch ON; the LED will light up for approx. 1 second.
- Touch the override key to its receptacle within 4 seconds. A Beep will confirm the alarm has been turned off.
- Press the simulated ignition switch OFF.
- To restore normal operation, press the simulated ignition switch ON and then OFF.
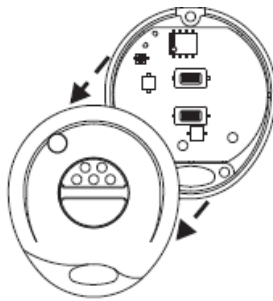
USE AND MAINTENANCE

Care should be taken to protect the electronic alarm system:

- Do not clean the alarm with water but use a damp cloth to wipe.
- Do not expose the alarm to heat sources.
- Do not use voltages other than the one specified by the manufacturer.
- Protect the alarm from any direct water flow, such as a high-powered water jet found in a car wash.

REPLACING REMOTE CONTROL BATTERIES

If the batteries are running low the status LED will blink at the press of a button. To replace the batteries proceed as follows:
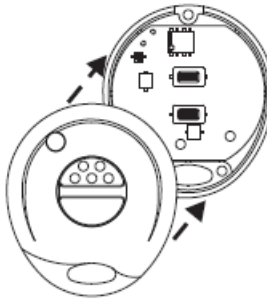
- Separate the shell halves taking care not to damage the internal circuit.

- Remove the discharged batteries and insert the new ones taking care not to invert the polarity.

- Close the plastic shells and make sure the remote works properly.

WARNING
Use only CR1616 batteries.
Different type batteries can seriously damage the remote control unit. Discard used batteries properly in special dedicated containers.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The present device falls within the field of application of the current WEEE Directive. The crossed-out wheeled bin symbol on the equipment or on its packaging indicates that the product, at the end of its useful life, must be discarded separately from other waste to allow adequate treatment and recycling.
The user must therefore take the equipment, at the end of its useful life, to an appropriate waste collection facility.

Documents / Resources

 SCORPION AUTOMATIC 7854T Alarm Control Devices [pdf] User Guide
7854T Alarm Control Devices, 7854T, Alarm Control Devices, Control Devices, Devices

References

- ˢᴬ **Scorpion Automotive | Global Vehicle Security Solutions**

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