

GEMINI Technologies S.r.l.
Via Luigi Galvani 12 - 21020 Bodio Lomnago (VA) - Italy
Tel. +39 0332 943211
www.gemini-alarm.com
ISO 9001 Certified Company



7854T

USER MANUAL

UK



Made in Italy

AC2685 Rev.03 - 06/22



CONTENTS

1.0 - INTRODUCTORY NOTE.....	PAGE 3
2.0 - ALARM CONTROL DEVICES.....	PAGE 4
2.1 - Remote control.....	PAGE 4
2.2 - Override key.....	PAGE 4
3.0 - ALARM OPERATION.....	PAGE 5
3.1 - Arming.....	PAGE 5
3.2 - Passive arming.....	PAGE 5
3.3 - Topcase/Seat open warning signal.....	PAGE 5
3.4 - Arming delay.....	PAGE 5
3.5 - Siren exclusion (mute alarm).....	PAGE 5
3.6 - Motion sensor exclusion.....	PAGE 6
3.7 - Full arming.....	PAGE 6
3.8 - Alarm events.....	PAGE 6
3.9 - Limiting acoustic signals.....	PAGE 6
3.10 - Neutral time between alarms.....	PAGE 6
3.11 - System disarming without alarm memory.....	PAGE 7
3.12 - System disarming with alarm memory.....	PAGE 7
3.13 - Hazard feature.....	PAGE 7
4.0 - PROGRAMMABLE FEATURES.....	PAGE 8
4.1 - Acoustic signals.....	PAGE 8
4.2 - Panic alarm.....	PAGE 8
5.0 - Sleep mode Activation/Deactivation.....	PAGE 8
6.0 - Use and maintenance.....	PAGE 8
7.0 - Replacing remote control batteries.....	PAGE 9
8.0 - WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT.....	PAGE 9

1.0 - INTRODUCTORY NOTE

Dear Customer,

Thank you for choosing a Gemini product. This Thatcham approved 7854T alarm system has been designed and manufactured in Italy specifically for two-wheeled vehicles.

Please read the present manual carefully to familiarize 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.

R&TTE DECLARATION OF CONFORMITY

We, Gemini Technologies, hereby declare that the radio equipment is in compliance with Directive 2014/53/EU.

Homologation number 7854T Cat 1:

TQA426

NOTE: please send a copy to the insurance company if necessary.

2.0 - ALARM CONTROL DEVICES

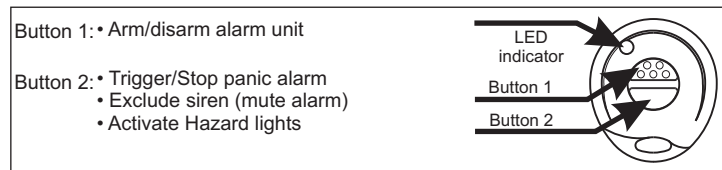
The 2-button remote control and the override touch key are used to operate the alarm system.

2.1 - 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.

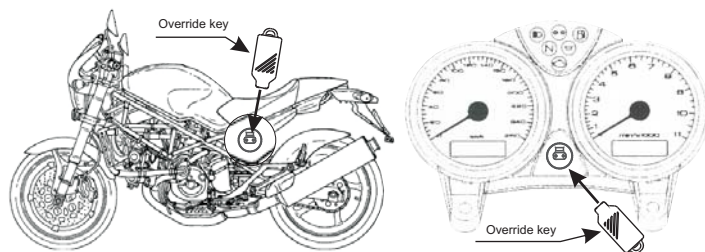
The remote control has a low charge battery indicator that gives you early warning to avoid malfunctioning. When the batteries are fully charged, the LED will show a steady light at the press of a button. If the batteries are too weak for normal operation, the LED will start blinking at the press of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



2.2 - 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.



3.0 - ALARM OPERATION

3.1 - Arming

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

3.2 - Passive arming

Passive engine immobilizer arms automatically 40 sec. after ignition is turned OFF. Lifting the seat or opening the topcase (if protected by a contact switch) during the 40 sec. arming delay will cause the procedure to interrupt; it will resume once the seat or the topcase are closed. Passive arming is confirmed by 2 Beeps and 2 flashes of the turn indicators and the LED will start flashing quickly. To disarm passive engine immobilizer, turn ignition ON and press any remote control button.

3.3 - Topcase/Seat open warning signal

If, during the arming process, the seat or topcase are open 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.

3.4 - 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. Engine immobilization and optional module inputs are immediately enabled.

3.5 - Siren exclusion (mute alarm)

During the first 4 seconds of the arming delay, the siren can be excluded by pressing remote control button 2. The turn indicators will flash to confirm the siren has been excluded.

NOTE

If the siren is excluded only the turn indicators will flash during an alarm event. Engine immobilization remains enabled.

NB: Siren exclusion is bound to each single arming cycle.

3.6 - Motion sensor exclusion

The alarm built-in sensor which detects tilt, motion or a sudden shock can be excluded during the first 4 sec. of the arming delay by touching the override key to its receptacle. The status LED will blink once to confirm the sensor has been excluded.

NB: Sensor exclusion is bound to each single arming cycle.

3.7 - 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.

3.8 - Alarm events

If an alarm condition is detected during the armed state, the siren will sound, the red LED will turn ON steady and the turn indicators will flash repeatedly for approx. 30 seconds.

The following conditions will trigger the alarm:

- Cable tampering;
- Ignition attempt;
- Motion detection (ex. lifting, towing, forcing the steering lock);
- Seat/topcase unauthorized access;
- Panic siren (button 2).

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.

3.9 - Limiting acoustic signals

Alarm conditions caused by unauthorized movement or seat/topcase opening, will trigger a maximum of 8 consecutive alarm cycles. The siren will then be automatically excluded for the following reasons:

- To comply with the regulations in force aimed at limiting noise pollution;
- To save power and maximize vehicle battery life;
- If, after 8 times, no one checks the vehicle, it is useless to have it sound again.

3.10 - 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.

3.11 - 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 3 flashes of the turn indicators and the LED will turn OFF.

3.12 - System disarming with alarm memory

An alarm event detected while the system is armed will be signaled upon disarming by 2 Bops and 2 flashes of the turn indicators.

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

- **Ignition attempt:** 2 flashes of the turn indicators, 2 LED flashes and 2 Bops.
- **Topcase/seat tamper:** 3 flashes of the turn indicators, 3 LED flashes and 3 Bops.
- **Wire tampering:** 4 flashes of the turn indicators, 4 LED flashes and 4 Bops.
- **Motion detection:** 5 flashes of the turn indicators, 5 LED flashes and 5 Bops.
- **Wireless magnetic contacts or opening detectors:** 8 flashes of the turn indicators, 8 LED flashes and 8 Bops.
- **Wireless infrared sensors (PIR) or wireless hyper-frequency sensors:** 9 flashes of the turn indicators, 9 LED flashes and 9 Bops.

3.13 - Hazard feature

To make the turn indicators flash as hazard warning lights proceed as follows:

- Turn ignition key OFF.
- Then turn it back ON; the LED will light up for approx. 1sec.
- While the LED is ON, press remote control button 2.
- Turn ignition key OFF; the turn indicators will start flashing.
- To stop the flashing, turn ignition key ON (and eventually OFF) or arm and disarm the system via the remote control or the override key.

4.0 - PROGRAMMABLE FEATURES

The alarm is factory preset with the following features enabled:

<i>Factory settings</i>	
<i>Feature</i>	<i>State</i>
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 and the turn indicators for approx. 30 seconds.
To turn OFF the panic alarm, press button 2 again.

5.0 - SLEEP MODE ACTIVATION/DEACTIVATION

If the vehicle 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:

- Turn ignition key 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.
- Turn ignition key OFF.
- To restore normal operation, turn ignition key ON and then OFF.

6.0 - USE AND MAINTENANCE

Care should be taken to protect the electronic alarm system:

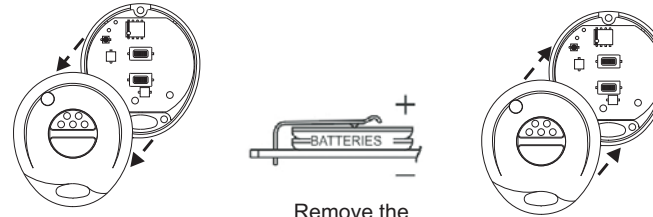
- Do not clean the alarm with water but use a damp cloth to wipe.
- Do not expose the alarm to heat sources.
- Do not use voltages other than the one specified by the manufacturer.
- Protect the alarm from any direct water flow, such as a high-powered water jet found in a car wash.

⚠ WARNING

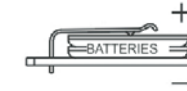
GEMINI TECHNOLOGIES WILL NOT BE HELD RESPONSIBLE FOR ANY DAMAGE CAUSED BY IMPROPER USE.

7.0 - REPLACING REMOTE CONTROL BATTERIES

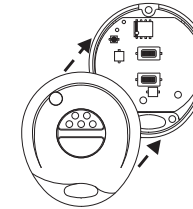
If the batteries are running low the status LED will blink at the press of a button. To replace the batteries proceed as follows:



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.

8.0 - 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.

