



# HA - 240 Lite V5

## USER MANUAL



Manufacturer:  
COMMERCIAL ELECTRONICS CO. LTD  
264 HAYDONS ROAD, WIMBLEDON, LONDON SW19 8TT, UK

TEL: +44 020 8404 7105 FAX: +44 020 8404 7104  
<http://www.hawkcaralarm.com> e-mail: [info@hawkcaralarm.com](mailto:info@hawkcaralarm.com)

**THIS INSTRUCTION MANUAL IS IMPORTANT.  
PLEASE READ IT BEFORE INSTALLING THE UNIT.**



# Contents

Introduction.....	4
Arming, disarming, temporary isolation of shock/ultra sonic sensors.....	5
Car finder, panic mode.....	6
Anti hijack, auto re-arm, system diagnostics, auto nuisance prevention, siren silence during alarm.....	7
Silent mode, boot release, auto lock & unlock doors via remote, locking doors while driving, disarming without transmitter.....	8
Learning Transmitter Codes.....	9

# HA-240 Lite – Owner's guide

Congratulations on the purchase of your state of the art vehicle security system. This system has been designed to provide years of trouble-free operation.

HA-240 Lite is a reliable car alarm system, which provides 2 designs to prevent the car thieving. The first design is to use the loud siren. When any illegal intrusion happens, the siren will sound loudly to warn the intruder. The second design is to use an immobilisation system to disable the engine start. With the peripheral devices, the system can provide the following main protection:





- Ignition trigger: illegally turn IGNITION ON, the alarm will be triggered.
- Boot trigger: illegally open the boot, the alarm will be triggered.
- Door trigger: illegally open the door, the alarm will be triggered.
- AUX trigger: it can be used on any other additional sensor, e.g. bonnet trigger. Illegally open the bonnet, the alarm will be triggered.
- Dual zone Ultrasonic / Microwave trigger: moving inside the car, the alarm will be triggered.
- Dual zone shock sensor: this sensor is mounted in the vehicle and designed to pick up impacts to the vehicle or glass.

This owner's guide should help you to get the most out of your system. Please take the time to read it prior to using the system.


HAWK HA-240 Lite system consists of the following main components:

- Two military grade encrypted Remote transmitters.
- Main unit with central door locking relays built in.
- Dual zone HAWKGUARD Ultrasonic shock sensor / Microwave sensor (optional)
- HAWKGUARD Dual Zone Shock sensor built in
- Engine immobiliser relay.
- 125db Siren
- 2 x HAWK window stickers.



-  **Arm Alarm**
-  **Silent Alarm**
-  **Disarm Alarm**
-  **Full Car Finder**


## Arming

You can activate, or arm, the system by pressing  on your transmitter for one second. When system arms you will hear a short siren sound and the hazard lights will flash once. If the vehicle's central door locking have been connected to the system, the doors will lock and close electric window (if optional module HA-64 has been installed).

While the system is armed, the status LED will flash approximately once per second, indicating that the system is actively protecting your vehicle. If you hear second siren sound after 60 seconds followed by 3 chirps, it indicates door(s) not closed properly.


If dual locking selected Press Arm button for first pulse and for second pulse press Arm button again within 2 seconds.

## Disarming

To disarm the system press . You will hear 3 chirps, and the hazard lights will flash two times. If central locking is connected to the system, the doors will unlock.

If dual locking selected Press Disarm button for first pulse and for second pulse press Disarm button again within 2 seconds.

## Temporary isolation of shock/ ultra sonic sensors

It's possible to temporarily disconnect the shock and ultra sonic sensors when leaving children or pets in the car. Press and hold  for approx 5 seconds. You will hear 1 chirp, followed by further 3 chirps and the hazard light will flash three times. This indicates system is fully armed minus ultra sonic and shock sensors.



## Alarm memory

If any sensor has been activated whilst in armed mode, when disarmed system and open door will indicate alarm was triggered by sounding chirps 3 times.


## Dual Zone Ultrasonic / Microwave

If 1st stage triggered alarm will flash for 5 times and 5 chirps. 2nd stage will give full alarm.



## Car finder

When system is in armed mode, press  once, siren sound once, hazard light will flash once. This feature is particularly useful to find the car in a large car park etc. Or press  for 3 seconds under armed mode and you will enter Full Car Finder mode. The siren will sound for 25 seconds and the hazard lights will flash for 25 seconds.

## Panic mode

If you are threatened in or near your vehicle, you can attract attention by triggering system with your transmitter! Just press  for 3 seconds under armed mode and you will enter panic mode. The siren will sound for 15 seconds and the hazard lights will flash for 15 seconds.



## Anti hijack

Press  for 2 seconds when engine is running, hazard light will flash quickly, and then press  once within 15 seconds. Siren will sound, hazard light will flash continuously. Engine will stop immediately.

Press  to de-activate anti hijack mode.

## Auto re-arm

If you disarm the system and do not enter your car within 30 seconds, the alarm will automatically re-arm and close doors, if central locking system fitted (default is on).

To enable Auto Arming- in disarmed mode press  &  simultaneously for 3 seconds. Indicator flashes once to indicate Auto Arming is on.

To cancel Auto Arming: follow the above procedure. Indicator flashed twice to indicate Auto arming off.

## System diagnostics


The 8bit microprocessor at the heart of your security system is constantly monitoring all of switches and sensors that are connected to it. It detects any faulty switches and sensors and prevents them from disabling the entire system.

When arming the system after 60 seconds if any door or bonnet left open, system will automatically notify by extra chirp and hazard light will flash.

## Auto nuisance prevention

It prevents annoying repetitive trigger sequences due to faulty sensors. If system detects faulty sensor, it will automatically by-pass faulty sensor.



## Siren silence during alarm

When the siren has been triggered, siren can be turned off without switching off the alarm. Press  button once during siren sounding duration.

## Silent mode

To temporarily turn off arm or disarm chirps, use silent mode. Simply press , hazard light will flash once and the confirmation chirp(s) will be eliminated for that one operation only.

To disarm in silent mode just press  once.



To turn on permanent silent mode: in disarm mode press  &  buttons simultaneously for 3 seconds.

To turn off permanent silent mode: follow the above procedure.

## Boot release

Under disarm mode press and hold  for approx 3 seconds to release boot.

## Auto lock & unlock doors via remote

Turn the ignition on, press  to close all doors. Press  to open all doors.

## Locking doors while driving

When you press brake pedal your system will automatically lock all doors after six seconds while driving.

Please note: if ignition on and any doors opened, it will not lock doors via above method.

## Disarming without transmitter

This feature allows you to disarm the security system without the remote transmitter should it be lost, damaged or disabled.

To disarm the security system, open the door (alarm will sound) turn ignition to the on and off position five times within 5 seconds. Successful disarming of security system will be indicated by siren sounding 3 times. If the system does not disarm, you may have waited too long; turn the ignition off and try again.



## Interior light

When system disarmed interior light will come on automatically for 25 seconds.

## Rapid resume logic

This system will store its current state to non-volatile memory. If power is lost and then reconnected the system will recall the stored state from memory. This means if the unit is in armed mode and the battery disconnected for any reason, when battery is reconnected the unit will still be in armed mode. This applies to all states of the system including armed, disarmed etc.

## Learning transmitter codes

This alarm system can support up to 4 remote controls. The included transmitter is pre-programmed into the system memory at the factory. Follow the below steps to add or delete a new transmitter.

1. In disarming mode, IGNITION OFF position. Turn IGNITION ON/OFF 8 times within 5 seconds and lastly turn it ON, siren will sound once, indicating system entered into code learning mode.
2. Press and hold (within 10 seconds) any button on the first remote for 1 second, siren will sound for longer duration once and followed by siren sounding for short duration. This indicates remote has been learned. The second, third and fourth remote can be learned at the same way. After the fourth remote finished learning, the siren will sound for long duration to indicate the system exited learning mode. Turn IGNITION off. If the remote did not get any new codes within 10 seconds, the system will exit learning mode automatically.

Note: once entered into code learning mode, all previously learned remotes will be cleared.



# Consumer Warranty

Commercial Electronics ("HAWK<sup>®</sup>") promises to the original purchaser to repair or replace with a comparable reconditioned model any HAWK unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during one year from date of purchase, provided the following conditions are met: the unit was professionally installed and serviced by an authorised HAWK dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorised HAWK dealer; and the unit is returned to HAWK, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorised dealer's name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number. All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. This warranty is non-transferable altered, the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. HAWK, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage.

**TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND HAWK NEITHER ASSUMES NOR AUTHORISES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. HAWK DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORISED DEALERS OR INSTALLERS. HAWK SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT. HAWK IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOUR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING HAWK OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE ENGLAND & WALES . THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST HAWK SHALL BE STRICTLY LIMITED TO THE AUTHORISED HAWK DEALER'S PURCHASE PRICE OF THE UNIT. HAWK SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED ONE YEAR WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.**

