

GROUP PROFILE



Our parent company, PFK Electronics was established in 1985 and now employs over 350 people, PFK electronics is the largest supplier of automotive security to the South African after-market. A large proportion of PFK's production is exported to over 25 countries and has other subsidiary companies in the United Kingdom and Australia.

PFK's engineering passion and humble approach has been the key to its success. The Autowatch customer base has been established through innovative design, reliability, personalised service and relationships, with the founders of the company remaining closely involved in all aspects of the business.

Although predominantly concentrating on the automotive electronic security after-market, PFK also produces products for three of the largest motor manufacturers.

PFK's manufacturing facility uses the latest technology and automated state-of-the-art assembly techniques providing the smallest, most reliable and cost effective products. PFK is quality certified to ISO9001 and ISO/TS 16949 – the quality standard recognised by motor manufacturers worldwide.



Specialists in the following approvals:



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**AUTHORISED AUTOWATCH DEALER**

DPFK140/554

SECURITY SYSTEMS CROSS-REFERENCE CHART

**NOTE 1:** PLEASE CHECK WITH YOUR INSURANCE COMPANY OR BROKER WHAT THEIR REQUIREMENTS ARE BEFORE YOU HAVE A SYSTEM INSTALLED.  
**NOTE 2:** SOME OF THE FEATURES LISTED IN THE CHART MAY HAVE A COST IMPLICATION - PLEASE CHECK WITH YOUR AUTOWATCH DEALER.

ADVANCED VEHICLE SECURITY	THATCHAM APPROVED SECURITY SYSTEMS						ALTERNATIVE SECURITY SYSTEMS		
	Alarm/Imm.	Alarm	Alarm	Imm. (Alarm)	Imm.	Imm.	Alarm/Imm.	Alarm/Imm.	Alarm
PRODUCT	457RLi/T	458RL/T	375CLAM/T	172Ri	171PPi	239Ti	346RLi-Blue	346RLi-Red	375CLAM
Thatcham (MIRRC) Category	CAT 1	CAT 2-1	CAT 2-1	CAT 2	CAT 2	CAT 2	-	-	-
<b>USER INTERFACE</b>									
Encrypted Remote Control - 4 Button	2	2	-	-	-	-	-	-	-
Encrypted Remote Control - 2 Button	-	-	Option	2	-	-	2	2	Option
Vehicle's Original Remote	-	-	Yes	-	-	-	-	-	Yes
Coded Transponder	-	-	-	-	2	-	-	-	-
Coded Touch-key	-	-	-	-	-	2	-	-	-
<b>EMERGENCY OVERRIDE</b>									
PIN-Code Override	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Keypad Override	-	-	Yes	-	-	-	-	-	Option
Touch-key Override	-	-	-	-	-	-	Option	Option	-
<b>INTRUSION DETECTION</b>									
Perimeter (Door, Boot & Bonnet)	Yes	Yes	Yes	Alarm only	-	-	Yes	Yes	Yes
Early Warning Sensor Input	Yes	Yes	Yes	Option	-	-	Yes	Yes	Yes
Ultrasonic Movement Sensor	Yes	Yes	Yes	Option	-	-	Yes	Option	Yes
Microwave Movement Sensor	Option	Option	-	Option	-	-	Option	Option	Option
2 Zone Wireless Sensor Facility	Yes	Yes	Option	-	-	-	-	-	Option
<b>SECURITY FEATURES</b>									
On-board Immobilisation	Yes	-	-	Yes	Yes	Yes	Yes	Yes	-
Self-arming Immobiliser	Yes	-	Option	Yes	Yes	Yes	Selectable	Selectable	Option
Battery back-up Siren	Yes	Yes	Yes	Option	-	-	Option	Option	Option
Upgrade to Alarm System	-	-	-	Yes	-	-	-	-	Yes
Auto Re-arm Alarm	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Auto-arming Alarm	Yes	Yes	Selectable	-	-	-	-	-	Selectable
Lock / Unlock with Ignition	Yes	Yes	Selectable	Selectable	-	-	Selectable	Selectable	Selectable
Pager Output (neg out)	Selectable	Selectable	Selectable	-	-	-	Yes	Yes	Yes
Negative Output when Armed	Selectable	Selectable	Selectable	-	-	-	Selectable	Selectable	Selectable
Indicator / Park Light Flashing	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Door Open Audible Warning	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Anti-tamper Security Housing	Yes	Yes	Option	Yes	Yes	Yes	Yes	Yes	Option
Remote Panic Alarm Facility	Yes	Yes	Option	-	-	-	Yes	Yes	Option
Anti-key Theft Facility	Yes	-	Selectable	-	-	-	Option	Option	Option
Ignition Anti-hotwire	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>CONVENIENCE FEATURES</b>									
Central Locking Output	Neg / Neg	Full	Neg / Neg	Neg / Neg	-	-	Full	Full	Neg / Neg
Boot Release	Selectable	Selectable	Option	Option	-	-	Option	Option	Option
Window Closure Facility	Selectable	Selectable	Option	Yes	-	-	Yes	Yes	Option
Turbo Timer Output (seconds)	60 / 180 sec	60 / 180 sec	-	-	-	-	-	-	-
Temporary Sensor Exclusion Facility	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Indicator Illumination (On disarm)	-	-	-	-	-	-	Yes	Yes	-
Silent Arm / Silent Disarm	Yes	Yes	Selectable	Selectable	-	-	Selectable	Selectable	Selectable
Courtesy Light Illumination	Yes	Yes	-	Option	-	-	-	-	-
False Alarm Nuisance Prevention	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Alarm Trigger Diagnostics	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes
Rapid Test Mode for Installer	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes

**\*WHILST CONSIDERABLE CARE HAS BEEN TAKEN TO ENSURE THE ACCURACY AND INTEGRITY OF THIS CHART, NO RESPONSIBILITY CAN BE ACCEPTED BY KNIGHTWATCH LIMITED FOR ANY OMISSION OR SHORTCOMING.**

EURO-LINE VEHICLE SECURITY SOLUTIONS

PRODUCT OVERVIEW



**AUTOWATCH EURO-LINE**

The Autowatch Euro-Line range of vehicle security systems has been developed over many years to meet the requirements of the UK after-market, with a strong emphasis on Insurance Approved products.

As a result of the design and build quality, Autowatch security systems have proved themselves in the UK, gaining a reputation for long-term reliability.

**THATCHAM APPROVED SYSTEMS**

The Motor Insurance Repair Research Centre (MIRRC) is based in the town of Thatcham, hence the adoption of the term, Thatcham approval. One of the MIRRC functions is to define the specifications for vehicle security systems and carry out the approval tests.

There are three Thatcham Approval Categories for Electronic Vehicle Security Systems:

Category 1 (CAT 1) is an alarm/immobiliser security system  
Category 2 (CAT 2) is an immobiliser security system  
Category 2 to 1 (CAT 2-1) is an alarm upgrade system

**Note:** Any CAT 2 Approved factory fitted immobiliser can and should be upgraded to a CAT 1 security system by installing the appropriate CAT 2-1 alarm upgrade system. Most Insurance Companies require the installation of a Thatcham approved vehicle security system if theft cover is required.

**THATCHAM CATEGORY 1  
457Rli/T REMOTE ULTRASONIC  
ALARM/IMMOBILISER SYSTEM (457-004)**  
Approval No: TC2 906/0198

The Autowatch 457Rli/T is a comprehensive remote alarm immobiliser security system offering maximum security and all the comfort features a customer would ever require, with ease of operation being one of its key selling features. And the ability to use up to 6 wireless sensors (PIR &/or Reed switch).

**THATCHAM CATEGORY 2-1  
458RL/T REMOTE ULTRASONIC  
ALARM UPGRADE SYSTEM (458-004)**  
Approval No: TU2 908/0198  
LCV Approval No: TUL1 29/1099

The Autowatch 458RL/T remote alarm system has all the features and facilities of the Autowatch 457Rli/T CAT 1 system except that it does not have immobilisation.



The Autowatch 458RL has the added selectable feature of auto arming the alarm and locking the vehicle if required.

**THATCHAM CATEGORY 2-1  
375 CLAM - PLIP ALARM SYSTEM.**  
(375-002)

Approval No: TU2 1313/0504  
LCV Approval No: TUL1 116/0704

Plip refers to vehicles that are fitted standard with remote keyless entry.

The Autowatch 375 Central Locking Alarm Module [CLAM] can be fitted to all new vehicles that require an alarm. The system is designed to operate with the car's original remote control. This means that the alarm will automatically arm and disarm with the vehicle's keyless entry remote, so no additional remote is needed for the alarm. The system includes an illuminated keypad offering additional security and convenience features

as well as anti-car key theft option. A kit is also available comprising two remotes and a receiver, which is a much cheaper alternative to purchasing an original spare key with the built-in remote.

**NOTE:** The majority of people that buy a new vehicle with remote central locking and an immobiliser are driving around with a false sense of security. **They assume they have an alarm system and only find out when their vehicle is broken into that no alarm goes off!** The easy way to check is to lock your vehicle with a window down, wait a while and then put your head through the window and see if the alarm triggers. Remember, thieves know and target vehicles without an alarm !!

**THATCHAM CATEGORY 2 IMMOBILISER SYSTEMS**

Autowatch offers three Category 2 systems mainly differentiated by the method of deactivation.

**THATCHAM CATEGORY 2  
239Ti TOUCH KEY IMMOBILISER SYSTEM**  
(239-000) Approval No: TE2 907/0198.

The 239Ti is our most cost effective immobiliser with over four billion different code variants. The system is supplied with two robust touch keys, and an illuminated dash receptacle which doubles up as the system's status light.

**THATCHAM CATEGORY 2  
171PPI PASSIVE PROXIMITY  
IMMOBILISER SYSTEM (171-000)**  
Approval No: TE2 905/0198.

The 171 PPI transponder based system requires no conscious effort by the driver to operate the system. It works exactly as the factory fitted transponder immobilisers. The only difference is that the transponders are supplied separately and are not integrated into the vehicle's ignition key. Other advantages are that there are no batteries to go flat or receptacles to be damaged.

**THATCHAM CATEGORY 2  
IMMOBILISER SECURITY SYSTEM (172-000)**  
Approval No: TE2 1006/0198

The system comes with two remote transmitters and can be connected to interface into a vehicle's existing central locking. The system can also be upgraded to a full alarm offering many of the features and facilities found in the more expensive Category 1 products.

**ALTERNATIVE ALARM / IMMOBILISER SECURITY SYSTEMS****THE 346Rli-Blue REMOTE ULTRASONIC  
ALARM/IMMOBILISER SECURITY  
SYSTEM (346-005)**

This is the ideal choice for the customer who wants a full featured security system, remote keyless entry and does not require a Thatcham Category 1 approved system. The 346Rli-Blue system includes a vivid blue dash-mount warning LED (alarm status light) and blue LEDs in both the miniature two button remotes.

The 346Rli-Blue has full on-board locking and immobilisation, with a useful anti-key theft option.

**THE 346Rli-Red REMOTE PERIMETER  
ALARM /IMMOBILISER SECURITY  
SYSTEM (346-004)**

The Standard 346Rli-Red provides the same security/convenience features as its sister model above. The only differences are that it is supplied as a perimeter alarm to provide for flexibility and individual choice of a sensor. This system is also supplied with traditional red LEDs in the remote transmitters and in the dash-mounted warning LED [Alarm Status Light].

**THE 375 CLAM- PLIP UPGRADE ALARM SYSTEM (375-000)**

The Autowatch 375 CLAM alarm is identical to the Thatcham approved version except that it comes with a standard neodymium siren and the keypad is offered as an optional extra.

**IMPORTANT:**

It is highly recommended by Police and Insurance companies that all vehicles should be fitted with a full feature security system for maximum protection. To be an effective deterrent to car thieves, it such a system is fitted. This is achieved by the visibility of the ultrasonic interior movement sensor, the alarm status light and even better if an early warning sensor is added.

Speak to your Autowatch dealer or phone Knightwatch for more information

**OTHER INNOVATIVE PRODUCTS****AUTOWATCH KEYGUARD SYSTEM (924-008)**

The Autowatch Key Guard system allows you to Chip & Pin your car. It is designed to stop thieves from using stolen car keys to steal vehicles. To disarm the immobiliser a unique customer chosen PIN code is needed and entered into the remote to start the vehicle. The remote can be added to your car keys or mounted in the vehicle.



Ask your Autowatch Dealer for more information.

**ADDITIONAL SENSORS****ADD EXTRA SECURITY SENSORS TO ENHANCE YOUR  
AUTOWATCH SECURITY SYSTEM.**

Glass Break sensors  
Tilt sensors  
Duel Stage Shock sensors  
Microwave (Single & Duel zone) sensors  
Ultrasonic sensors  
Infrasonic (Air Pressure) sensors  
PIR (wired & wireless) Infrared sensors  
Magnetic Reed Switches (wired & wireless)

**AUTOWATCH ALSO SUPPLY A NUMBER OF  
CONVENIENCE PRODUCTS INCLUDING:**

Tracking Reversing Cameras & LCD Monitors  
GSM Paging systems Trailer Reverse Parking Sensors  
Reverse Parking Sensors Front Corner Detection Systems

Ask your Autowatch Dealer for more information.