



**ADVANCED  
MOTORBIKE  
SECURITY**

**500 RLi REMOTE  
MOTORBIKE  
ALARM / IMMOBILISER**

**OWNER'S  
MANUAL**

## **GUARANTEE**

PFK ELECTRONICS (PTY) LTD AND KNIGHTWATCH LIMITED GUARANTEE THE UNIT FOR A PERIOD OF TWO YEARS. FAILURE DUE TO INCORRECT INSTALLATION, FAULTY CONNECTIONS OR ACCIDENTS OR DAMAGES TO EITHER VEHICLE OR THE UNIT IS NOT COVERED BY THE GUARANTEE. THE GUARANTEE IS LIMITED TO THE REPLACEMENT OF FAULTY PARTS OR COMPONENTS IN THE REPAIR OF THE UNIT - THE GUARANTEE BECOMES NULL AND VOID IF THE UNIT HAS BEEN TAMPERED WITH, REPAIRED OR DAMAGED BY ANY UNAUTHORISED PERSONS.

## **INDEMNITY**

PFK ELECTRONICS (PTY) LTD AND KNIGHTWATCH LIMITED INDEMNIFY THEMSELVES AGAINST ANY CLAIMS OR DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE USE OF ANY OF ITS IMMOBILISER DEVICES AND/OR FAILURE ALBEIT DUE TO DESIGN, MANUFACTURE, QUALITY, COMPONENTS, RECOMMENDED INSTALLATION TECHNIQUES AND/OR ANY CONSEQUENTIAL CLAIMS BY THIRD PARTY, ACCIDENT, FIRE, THEFT, INSURANCE OR VEHICLE MANUFACTURERS GUARANTEES OR FOR ANY REASON WHATSOEVER THAT MAY ARISE FROM THE USE OR INSTALLATION OF THEIR PRODUCTS.

**INSTALLATION CENTRE:**

## **INTRODUCTION**

Congratulations! Your Motorcycle is protected by an Autowatch remote alarm/immobiliser system. Using state of the art Microprocessor Technology, this system is highly sophisticated and will thwart the attempts of the most determined motorcycle thief. The system has been designed to offer years of trouble free operation. Refer to the instructions below to familiarise yourself with the operation of the system.

## **IMPORTANT NOTICE**

On the back page of the owner's manual is a 5 digit Emergency override code number. This is the "Identity Number" of your alarm. **DO NOT LOOSE IT - at the very least make sure that you record the number as it can be used to override the alarm and the immobiliser in the event of a malfunction. See 7.0.** This number is

also required when ordering additional remote controls or removing remote controls previously programmed to work with your alarm. Contact your Autowatch dealer for further details.

## **OPERATION**

### **1.0 SWITCHING THE ALARM AND IMMOBILISER ON**

The alarm and immobiliser are turned ON by momentarily pressing any one of the remote control buttons. When leaving your motorbike depress the remote control button once. A single tone will be heard. (The motorbike's indicators will flash once, if the optional hazard relay had been fitted.)

The alarm is now ON and after 30 seconds the motorbike is fully protected. The siren will sound (And the indicators will flash, if this option had been included) for 30 seconds under the following conditions:

Excessive movement of the motorbike  
(paragraph 3.0)

Opening of the protected pannier or  
delivery box (only if an optional sensor  
had been fitted - paragraph 4.0)

Switching the ignition "ON" (paragraph  
5.0)

If the alarm is not switched ON, the  
immobiliser will automatically switch on  
30 seconds after the ignition is  
switched off.

If the motorbike has not been used for  
a few days, the microprocessor will  
switch off the receiver and switch itself  
into a low power "sleep" mode. This will  
reduce the already low current  
consumption to a very low level.

The alarm and immobiliser will remain  
ON but the triggering of the alarm will  
be delayed for 2 minutes, to allow the  
microprocessor time to wake up from  
any of the alarm trigger inputs and  
accept the transmitter's code.

## **2.0 SWITCHING THE ALARM AND IMMOBILISER OFF**

To switch the alarm and immobiliser OFF press any of the remote control buttons. Two tones will be heard. (The optional relay will flash twice if this option had been included.)

After turning your alarm off you have approximately 30 seconds in which to start your motorbike. Failure to do so will result in the immobiliser arming, indicated by the alarm's siren beeping for a period when the ignition is turned off. To start your motorbike once the immobiliser has armed, switch the ignition on and depress any of the remote control buttons.

## **3.0 SHOCK / TILT SWITCH**

This sensor is built into the alarm and can distinguish between a bump and when the motorbike is moved or tilted.

When the motorbike is bumped, the siren will beep for half a second, as a

warning. If the motorbike is moved, or bumped too severely, then the siren will sound, for 30 seconds. (The indicators will also flash if this option had been included.)

The sensitivity of the sensor is preset and cannot be adjusted and is also independent of the position of the motorbike.

#### **4.0 ADDITIONAL SENSOR OPTIONS**

This system has a separate alarm input that can be used to detect the opening of a pannier or a delivery box. For further information contact your Autowatch dealer.

#### **5.0 ANTI "HOT WIRE" FEATURE**

The alarm will sound if the ignition is turned on while the alarm is on or if the ignition is "hot-wired".

#### **6.0 FALSE ALARM "NUISANCE" PREVENTION**

The Autowatch alarm is designed to limit any irritation to your neighbours.

Should a malfunction occur - a faulty pannier switch as an example, the alarm will not sound continuously throughout the night, but detect that the circuit is faulty and limit the number of times it sounds to eight cycles.

## **7.0 EMERGENCY DISARM PROCEDURE**

In the event of a malfunction with the Remote control, or the batteries are flat it may be necessary to use the emergency disarm procedure.

This may be done by entering the 5 digit emergency override code on the back page of the Owner's Manual.

**NOTE:** In order to satisfy the requirements of the leading insurance companies no permanent override facility is permissible. This is a "One Event" override. You will need to enter this number every time you wish to cancel the immobiliser.

As a comprehensive guide of how to



enter the number, the following example shows how the override code number "46032" would be entered.

1. Turn the ignition on, if the alarm was on the siren will sound. Wait until the siren has stopped sounding.
2. Turn the ignition OFF, the siren will start beeping. Count the number of beeps. After the 4th beep, turn the ignition on. The siren will stop beeping. The first digit "4" has been entered.
3. Turn the ignition OFF, the siren will start beeping. Count the number of beeps. After the 6th beep, turn the ignition on. The siren will stop beeping. The second digit "6" has been entered.
4. Turn the ignition OFF, the siren will start beeping. **Note: That the digit is a "0", wait for 10 beeps before turning the ignition on.** The siren will stop beeping. The third digit "0"

has been entered.

5. Turn the ignition OFF, the siren will start beeping. Count the number of beeps. After the 3rd beep turn the ignition on. The siren will stop beeping. The fourth digit "3" has been entered.
6. Turn the ignition OFF, the siren will start beeping. Count the number of beeps. After the 2nd beep, turn the ignition on. The siren will give a double beep to indicate that the fifth digit "2" has been entered and the code is correct. The immobiliser will disarm.

If an incorrect digit has been entered, just wait for the siren to stop beeping and then try again.

## **ENTERING THE EMERGENCY OVERRIDE CODE**

Refer to the 5 digit number on the card. Each digit of the number must be entered individually as follows:-

1. Turn the ignition ON.
2. Turn the ignition OFF. The siren will start to beep. When it beeps the number of times equal to the first digit of the code, switch the ignition ON. The siren will stop beeping.
3. Repeat step 2 for each of the digits of your code (Note - if the digit is a "0", wait 10 beeps before turning the ignition ON.)
4. After you enter the fifth digit, the siren will give a double beep to indicate that the immobiliser is disarmed and that the motorbike can be started.

Should you enter a digit incorrectly, wait until the siren stops beeping and then simply start entering your number again, starting from the first digit of your code.



***RECORD THIS NUMBER IN A SAFE PLACE***