MOTORCYCLE ALARM

by **META SYSTEM®**

GB

M357T OPERATING INSTRUCTIONS

Engine immobilisation (passive arming)
-50s after the ignition is turned off, the immobiliser will become active.
-After the 50 second arming period, the system emit a short beep and a short flash of the indicators to indicate that the immobiliser is active.
-The LED flashes slowly.
-If the system remains in this state for 10 days, it enters sleep mode. (To re-activate the system see Sleep Mode Section)
Note: When the system is armed as an immobiliser, the battery back up is not active. The siren will not sound if the bikes battery is disconnected. This can be useful when servicing the bike or replacing the battery.

Fully arming the system (Alarm and Immobiliser)
-With the ignition off, press the remote control. Do this within the first 50 seconds of turning the ignition off or the immobiliser will be active.
-The direction indicators will flash twice.
-Two audible tones will be heard. If there is a fault with the system, a different arming tone will be given (see Trigger Warning Section).
-The LED will flash at an increased rate for 26 seconds.

Alarm test
-During this 26 second arming period, it is possible to test the alarm trigger inputs without sounding the alarm. An audible beep will be heard as each input is tested.
-At the end of the 26-second arming period, the LED will flash at a reduced rate and the alarm will sound when any input is activated.

Disarming with remote control
-To disarm the system when immobilised, fully armed, or sounding, press the remote control once.
-The direction indicators flash once.
-A single audible tone will be heard unless the system has sounded. (see Trigger Warning Section)
-The immobiliser is now off.
-The LED will be off unless the system has sounded. (see Trigger Warning Section).
-You now have 50 seconds to turn the ignition on and start the machine.
-If the ignition is not turned on within 50 seconds, the machine will re immobilise.

Trigger warning:
-If the alarm gives an extra warning beep on arming, this indicates that a trigger circuit is still active. Disarm and check all circuits.
-If the alarm has sounded in your absence, the system will emit an extra warning beep when you disarm. The LED will also flash to signal the alarm trigger (see LED Diagnostic Section).
-If the bike battery is in a low state of charge, the system will emit 4 fast "bips" and the machines indicators will not flash.

Arming the alarm without the movement sensor
-The system has an internal movement sensor. You can override this feature during transportation of the bike. When arming the system, keep the remote pressed until an extra short beep and flash of the indicators are observed. This will turn off the movement sensor for this arming cycle only. The movement sensor will automatically re-instate when the system is next armed normally.

Operation of the alarm when fully armed (active phase)
-The LED flashes slowly, the engine immobilisation circuits are active.
-Activation of one of the protective switches, ignition, or the movement sensor (if set) generates a maximum of 10 alarm cycles per arming period.
-If the protective switch or the ignition circuit is latched, 10 alarm cycles of 26 seconds in duration are generated with a pause of 5 seconds between each cycle.
-Disconnection of the bike battery generates 9 alarm cycles with 15-second intervals.

Sleep mode
-If the bike battery voltage is low, the alarm enters sleep mode.
-If the system is not armed, disarmed, or triggered for 10 days, the alarm also enters sleep mode.
-All alarm features are disabled except the immobiliser.
The current draw is now zero reducing battery consumption.

Exiting sleep mode
-To exit sleep mode, turn the ignition on.
-Disarm using remote.
-If the alarm entered sleep mode from a fully armed state, it gives a 5 second pre-alarm beep signal to allow disarming before sounding.
-If, after the 5 second period, the system is not disarmed with the remote, the siren will sound.

Disarming with secure PIN number
-All systems are supplied with a random 5-figure PIN number. This number is printed on the orange remote control code card.
KEEP PIN NUMBER SAFE as it also required to code additional remote controls (dealer function).
-Familiarise yourself with this procedure.

Turn the ignition on (the LED will be on)
1. **Turn the ignition off within 10s (the LED will flash with an even sequence)**
2. **Turn the ignition on when the LED has flashed the number of times corresponding to the first digit of the override code**
3. **Turn the ignition off within 10s (the LED starts a new flash sequence)**
4. **Turn the ignition on when the LED has flashed the number of times corresponding to the second digit of the override code**
5. **Continue with this procedure until the entering of the fifth digit.**
6. **When the fifth digit has entered, if the code is correct, the system disarms.**

Warning
If an incorrect code is entered 3 times, the system will block all further attempts for 30 minutes. Leave ignition off for this period then re-enter correct code. If the alarm is armed, the system will be sounding during this procedure.

Remote controls
-2 anti scan rolling code remote controls are supplied.
-An orange code card is issued with all systems when produced. This card contains the remote control and override code numbers. These are required to introduce new remotes and override the system. These numbers cannot be re issued. It is therefore of utmost importance that this card is stored securely. Should you sell the machine, please pass the code card to the new owner.
-It is possible to remove a lost or stolen remote control or add one or more remote controls up to a maximum of 6. All extra remote controls must be pre coded to the number issued on the orange card issued with the original alarm. Return to your dealer for this service.
-To enable you to determine how may remotes are programmed to your system, when you turn off the ignition count the number of flashes on the LED.

LED Diagnostics

Alarm Diagnostic memories	
Movement sensor	1 pulse on, 3 second pause
Negative input or loop circuit	2 pulses on, 3 second pause
Ignition sensing	3 pulses on, 3 second pause
Self powered (12volt supply removed)	4 pulses on, 3 second pause