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Product Description

The TW-1000 is a Motorcycle security system based on the ATA5812 Transciever chip and a microprocessor controller. The system consists of the Control unit and antenna, a perimeter sensor, an LED and a pizeoelectric siren module that mounts on the motorcycle and a Key FOB. (see photo of components)

A wiring harness plugs into the Control Unit.

The wiring harness consists of:

- Red wire with an in line fuse that connects to the motorcycle battery Positive 12VDC.
- Black wire that connects to the motorcycle battery negative.
Note: there is also a black wire that goes directly into the control unit that should be connected to frame ground for protection.
- Two Yellow wires that are connected to a set of relay contacts that pulse +12VDC to the directional signal circuit on the bike.
- A pink and Gray wire that is connected to a normally closed set of relay contacts that open when the alarm is alarming, these wires are used for the disable feature by connecting between the starter swirch and the starter motor relay.
- Brown wire that is connected to any circuit on the motorcycle that gets 12VDC when the ignition switch is on and 0VDC when it is off. This wire is used for the reminding (when ignition is turned off), Panic mode if the alarm is armed and the ignition is turned on.

Sending information:

The control unit also consists of a pizeoelectric shock and vibration sensor and a perimeter sensor, if the alarm is disturbedby vibration or movement the microprocessor determines the appropriate action and sends a signal to the control unit, and then shrieks the alarm, see manual for further information.

The alarm is manufactured in China by LFF Security Equipment Company, an ISO 9001 certified facility and is virtually the same as the LFF LM209 with some minor modifications including removal of the remote starting feature and the associated relays.