



CYL-300DX

**INSTALLATION MANUAL
AND USER'S GUIDE**

Standard Features

3 channel programmable remote transmitter – Miniature 3 channel remote with anti-scan and rolling code, controls system operation and programs custom features

Remote Panic Feature – The remote can activate and trigger the siren during an emergency.

Ignition protection – Electronically detects changes of power supply to the ignition. Detects an attempt to tamper with or circumvent the ignition switch.

Built-in dual axis G force accelerometer- Derived from the air bag industry, this sensor electronically measures changes of gravity to detect tilt and impact with a high degree of accuracy.

Remote sensor control - Sensor sensitivity level is controlled by the remote.

Automatic sensitivity adjustment – To prevent false alarms, sensor will automatically reduce sensitivity during extreme environmental conditions

Violation display – System notifies of trigger events and displays the violated sensor.

Passive arming – The system can be programmed to automatically arm every time the ignition is turned off, making sure you'll never park unprotected.

Silent arming / disarming – System can be armed / disarmed without siren chirps

Automatic reset – Once triggered, the alarm cycles for 30 seconds. The system will then reset and rearm.

Optional Accessories

Long range paging transmitter – High output digital paging system that has a typical range of up to 1 mile. Includes a data receiver with vibration feature and sensor display.

Perimeter Sensor – A miniature multi stage microwave sensor technology to detect motion in mass around the motorcycle, and uniquely protects its parts and accessories. Detects tampering with saddle bags, luggage and accessories

Ignition Disable and anti-hijack kit. Allows remote disabling of the engine's electrical system, should someone forces you off your bike. Also prevents the engine from being started when the system is armed

Factory Connector Kit - OEM style connectors that plug into factory wiring. Available for select motorcycles.

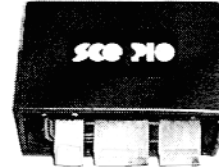
High power 6 tone siren - 125dB siren for additional audible deterrent

Components list

Remote
Transmitter



Master Control Module



Siren



Planning the installation

It is very important that before starting the installation of the security system, you carefully read the installation instructions and spend time planning the installation. By planning ahead you will be able to select the best approach in placing, securing and wiring the system to your specific motorcycle. Although the installation is not difficult, there are a number of steps that must be done for the system to operate properly. We suggest the following steps to be taken.

1. Check that your motorcycle battery is fully charged and that all electrical circuits are in good condition.
2. Check layout and construction of the motorcycle to decide what space is available for placement of the components.
3. Verify that no moving parts interfere with the components or the wires.
4. Do not route wires near sharp edges, which could cause possible shorts.
5. Do not mount components near extreme heat areas such as exhaust pipes etc.
6. Allow at least an inch or two of slack at all connection points to reduce the chance that connections will break apart from vibration or impact.
7. Do not use a drill. Mount the components with the provided Velcro and cable ties.

Mounting the components

Master control module – Select a suitable location under the seat or in a side cover. Use Velcro to mount this module. This module may be mounted in any position, although it is recommended that the wires are not facing up.

Siren – The siren can be mounted on the frame and secured with cable ties, or Velcro. Make sure to have the bell of the siren pointing downwards, or to the side.

Wire connections

The Master Control Module is equipped with a series of connectors for the accessories and options. For simple installation, each of these connectors is unique and can only be plugged into the correct corresponding connector. There may be connectors that are not used, these are for future options.

Main Harness

The master control module includes a connector for the main harness plug.

The main harness wires are identified by flags, and should be connected as follows:

Red flag – To battery Positive

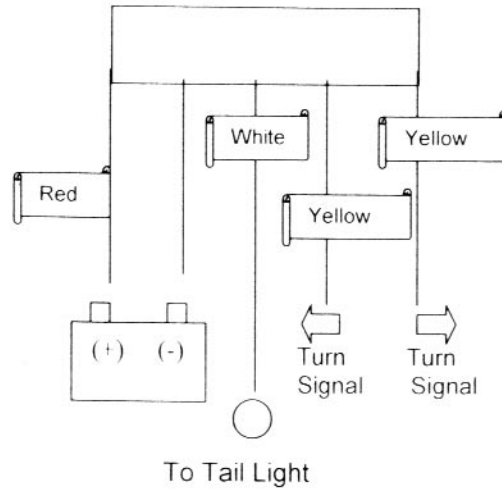
Black wire without a flag – To battery negative

White Flag – To Tail Light or any wire that provides +12 volts when ignition is on.

Yellow Flag – To Left turn signal power wire (+12 volt)

Yellow Flag – To Right turn signal power wire (+12 volt)

NOTE: Coming out of the master control module is a short black wire without a connector. This is the antenna for the remote key fob, do not cut this wire.



NOTE: Connect this connector to the control module only after installation is completed. If the battery is to be disconnected unplug this connector first and reconnect only after battery terminals are connected.

Operating Instructions

Arming (audible)

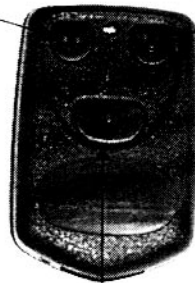
Press button #2, siren chirps 3 times and lights flash.

Disarming (audible)

Press button #2, siren chirps 1 time and lights flash.

Button #2
Arm/Disarm

Button #3
Silent Arm/Disarm (Without Siren Chirps)



Button #1
Arm Without Perimeter Sensor

Arming (silent)

Press button #3, lights flash.

Disarming (silent)

Press button #3, lights flash.

Arming (disabling perimeter sensor)

Press button #1, siren chirps 4 times and lights flash.

Arming (no audible/paging only)

Press button #2 and #3 at the same time, siren chirps 5 times and lights flash.

NOTE: When the system is armed there is a 5-second arming stand-by mode. This mode allows the G sensor to calibrate. During this mode do not move or bump the bike, this may change the sensitivity setting.

Violation Display

When the system is disarmed the turn signals will flash to indicate if there has been an alarm trigger. The lights will flash once to indicate that the system has been disarmed and additional flashes indicate the following trigger has occurred:

- 1 flash then 1 additional flash = Shock Trigger
- 1 flash then 2 additional flashes = Tilt Trigger
- 1 flash then 3 additional flashes = Perimeter Sensor Trigger
- 1 flash then 5 additional flashes = Ignition Trigger

Panic

With system armed press button #1

Selecting Arming Modes

Turn ignition on and press button #2 for 5 seconds.

- Manual arming- siren chirps 2 times, lights flash 2 times.
- Automatic arming- siren chirps 3 times, lights flash 3 times.

Adjusting G sensor Sensitivity

Turn ignition on and press and hold down button #1, turn ignition off. The siren will chirp and lights flash to correspond with the current sensitivity setting. To check sensitivity stand motorcycle to the upright position, a short siren chirp indicates an alarm trigger. To get out of the sensitivity adjustment mode, turn ignition back on.

- Increase sensitivity- Press button #2 5 chirps = Level # 5 (Maximum)
- Decrease sensitivity- Press button #3 1 chirp = Level #1 (Minimum)