rLiNK

SR-i1100

Motorcycle GPS Security System

INSTALLATION MANUAL AND USER'S GUIDE

rLiNK includes a state of the art security system to deter theft as well as the ability to track and recover your vehicle if it is stolen. The GSM/GPRS technology keeps you connected from anywhere, allowing you to control alarm, tracking and reporting functions with the free iPhone application or any web enabled smartphone or browser. In addition, rLiNK allows you to share maps of your favorite rides, get ride stats, weather updates, progress reports and more.

Once the installation is complete, go to my.rlink.com to create your account, purchase the data plan and activate the unit

Encoding a Transceiver

> *Note: The transceivers are programmed from the factory. Encoding is only necessary should the transceiver lose its code and will not arm or disarm the security system or if a replacement remote is obtained.*

1. Disarm the alarm. Unplug HAR-1 from the MCM and plug it back in, the siren will chirp 2 times and the lights will flash 2 times. (if equipped with optional siren)
2. Within **6 seconds** of the lights flashing, turn ignition switch "ON" and "OFF" 3 times.
3. If step 2 is done correctly and within the time allowed , the siren will chirp 2 times and the lights will flash an additional 2 times to confirm that the system is in "Learn Mode".
4. Press and hold the remote button until the system chirps 2 times and the lights flash 2 times to indicate that the MCM has learned the code.
5. Turn ignition "ON" and "OFF" to exit "Learn Mode".

It is not recommended to clip the remote to your ignition key. Attaching the remote to your key may damage the remote and/or scratch your bike

Features

Communication
- Quad Band EGSM 850/900/1800/1900Mhz
- GPRS Class 10
- Over-the-air firmware updates
- Point-to-point mobile originated and mobile terminated SMS
- EASY SCAN automatic scan over GSM frequencies

GPS
- Mobile Web and iPhone app for Smartphone Access
- Police Accessible Theft Tracking
- View maps of your rides from a computer or smartphone
- Receive point-to-point weather updates during a ride
- Instant progress updates, top speed and trip stats through text message
- Group Ride feature allows rLiNK users to synch up and share trip information
- Upload maps, top speed and segment times quickly and easily to Facebook and Twitter
- GPS KickStart weak signal acquisition technology.
- SuperSense is capable of tracking and acquiring extremely weak signals even indoors.
- Under 1 second Time-To-Fix Positioning engine, providing excellent performance in the most challenging environments.
- Over 1 million correlators, capable of massive parallel time/frequency space searches enabling it to find satellites instantly,

Security
- 2-way communication with unlimited range
- Manual arm/disarm option
- Programmable override code to disarm alarm
- Single button, waterproof remote
- Remote panic alarm/bike locator
- Movement, Shock, Tilt and Ignition Alarm Notifications through text message
- Motorcycle battery voltage monitor
- Easy install universal mounting kit
- "Hands Free" RFID controller with selectable auto/manual arming
- Low power+/- 5g 3-axis accelerometer measuring static and dynamic acceleration to detect motion, shock, and vibration
- Programmable multi-stage perimeter sensor detects motion around the motorcycle and protects parts accessories and luggage.
- Ignition circuit sensor
- Built in NMH back up battery
- GPS antenna tempering detection
- Flash memory can record and store over 1000 position reports.

Accessories

- **Starter Disable** - Prevents the engine from being started or "hot wired" when the system is armed.

- **Perimeter Sensor -** Programmable multi-stage perimeter sensor detects motion around the motorcycle and protects parts accessories and luggage

- **Siren** - 120dB, multi tone, back up battery siren

- **Factory Connector Kits** - OEM style connectors that simply plug into the motorcycle's factory wiring harness.

Components List

Remote Transceiver

MCM (Main Control Module)

Generic Installation Kit (GEN-1)

Accessory Harness (ACC-2)

Main Harness (HAR-1)

RFID Module and harness

*This remote transceiver uses a CR2032 battery. To replace the battery, pry the cases apart using a flathead screwdriver at the small end of the remote. Slide the screwdriver toward the button until the case halves come apart. Pull the circuit board out of the rear case half and replace the battery. Snap the circuit board back into the rear case, and the two case halves back together.

Planning the Installation

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

(Planning the Installation cont)

1. Check that your motorcycle battery is fully charged and that all electrical circuits are in good working condition.
2. Check the layout and construction of the motorcycle to decide what space is available for 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 cut wires and cause a short.
5. Do not mount components near extreme heat areas such as exhaust pipes
6. Allow at least an inch of slack at all connection points to reduce the chance of a connection pulling apart due to vibration.
7. Do not drill any holes. Mount the components with the provided hook and loop fasteners and cable ties.

Mounting the Components

Main Control Module
The MCM is equipped with three connectors. One is for the main harness (HAR-1), the second is for the RFID antenna, and the third is for the optional accessories. Select a suitable location under the seat or in a side cover. Mount the MCM using hook and loop fasteners or cable ties. Make sure the unit is not easily accessible and is securely attached.

Accessory Harness
Plug in the accessory harness to the matching connector on the MCM. Each one of the connectors on the accessory harness is unique and can only be connected to the correct accessory. Plug in the supplied dust cover if no accessories are installed.

Routing the RFID Antenna
Place the RFID module under the seat or in a plastic side cover. Do not choose a location where the RFID signal will be blocked by metal. Mount the unit with the hook and loop fasteners or cable ties. The signal range, depending on obstructions, is 2-3 feet. **Important note: The RFID cable has three wires on one end and two wires on the other. Be sure the end with 3 wires is connected to the MCM, and the end with 2 wires is connected to the RFID antenna.**

Routing the GPS Antenna
The GPS signal can transmit through fiberglass, leather and plastic, but not metal. Mount the magnetic antenna on any flat surface, making sure that the top side of the sensor is facing upwards.

Perimeter Sensor
The Perimeter Sensor signal can transmit through the seat, fiberglass, leather and plastic, but not metal. Mount this unit on top of the battery or any flat surface, making sure that the top side of the sensor is facing upwards. Mount the unit 6 to 8 inches away from the MCM to ensure proper operation.

Main Harness

If the optional factory connector kit is being used, please disregard this section of the instructions and refer to the instructions that were supplied with the factory connector kit.

The main harness consists of two harnesses. One is labeled (HAR-1) and the second is labeled (GEN-1). Plug in the white 4-pin connector from the (HAR-1) into the matching 4-pin connector from the (GEN-1). The (HAR-1) also has a waterproof connector that plugs into the MCM. The wires should be connected as follows:

HAR-1
Black wire with fuse and ring terminal – To battery Positive (+).

GEN-1
Black wire – To ground (-).
Grey wire – To turn signal power wire (Left).
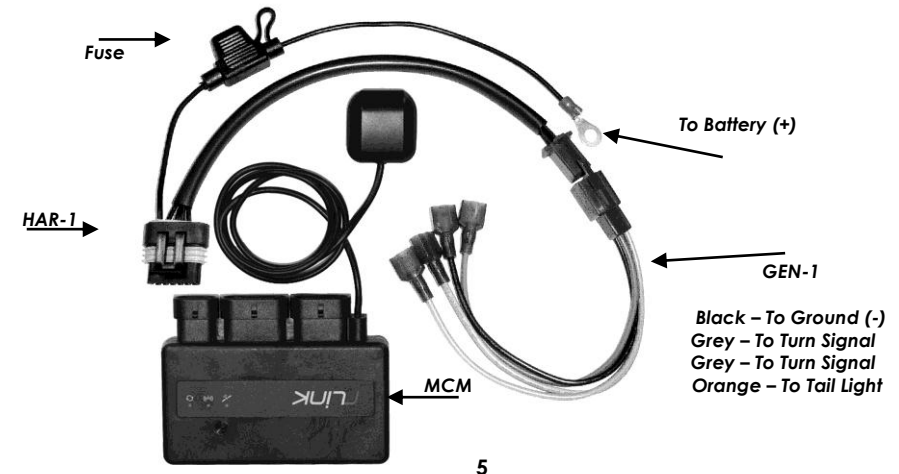Grey wire – To turn signal power wire (Right).
Orange wire – To license plate light power wire or tail light power wire OR any other wire that is hot (+) when ignition is ON. DO NOT CONNECT TO BRAKE LIGHT. (NOTE: this is an input to the alarm. This connection is not designed to flash the tail light).

> *Note: When the main harness (HAR-1) is plugged in, the siren will chirp (if equipped with optional siren) and turn signals will flash twice. If the siren does not chirp, check the fuse, battery power (+) and ground (-) connections.*
>
> *If the turn signal lights do not flash, make sure that the grey wires are connected to the turn signal power (+) wires. Connecting these wires incorrectly may damage the system.*

## Color Codes (individual models may vary)

	Ground (-)	Tail/License Switched power	Left Turn Signal power	Right Turn Signal power
Honda	Green wire	Brown or wht/blk stripe	Orange wire	Blue wire
Kawasaki	Black/yellow	Red wire	Green wire	Grey wire
Suzuki	Black/White	Brown wire	Green or Black	Grey wire
Yamaha	Black wire	Blue/red stripe	Green wire	Brown wire
Harley Davidson	Black wire	Blue wire	Brown wire	Purple wire
Ducati	Black wire	Yellow wire	White/Black	White/Green

Fuse

To Battery (+)

HAR-1

GEN-1

Black – To Ground (-)
Grey – To Turn Signal
Grey – To Turn Signal
Orange – To Tail Light

MCM

Note: Connect the (HAR-1) harness to the MCM only after installation is completed. If the battery is to be removed, disconnect this connector first. Reconnect only after battery terminals are reconnected.

Using the T-tap Connectors

1) Place female T-tap connector over wire to be tapped. Close and squeeze until it snaps.
2) Slip male T-tap connector over hinged end of the female connector.

Motorcycle Wire

1)

Female T-tap

Female T-tap

2)

Male T-tap

Motorcycle Wire

Wire from (GEN-1)
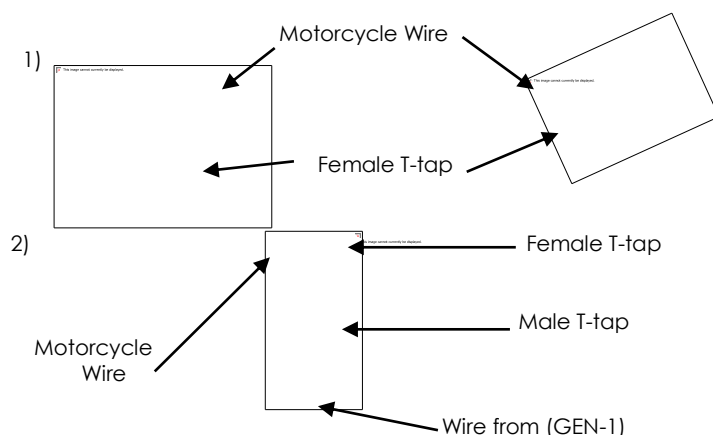
Operating Instructions

Violation Display

When the system is disarmed, the turn signals will flash to indicate that 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

Operating Instructions (Cont.)

Selecting Arming Modes

rLiNK can be manually armed and disarmed using the button on the remote, or automatically armed and disarmed by turning your ignition key on and off. When the alarm is first installed, the alarm will arm 5 seconds after the HAR-1 harness is plugged in. The default setting is to arm with the perimeter sensor (SN-5) on.

Automatic Arming
When keeping the remote in range and turning your key on, the alarm will recognize the remote and disarm the alarm. Once you turn the key off, the alarm will wait 5 seconds and arm again.

Manual Arming- Press and hold the button for 1 second. When you manually disarm the alarm, you are turning the auto arm off. To turn auto back on simply arm the alarm with the remote and go back to using the key to arm and disarm.

Manual Arming with Perimeter Sensor- Press and hold the button for 5 seconds. The turn signals will flash normally then will flash left-right twice to confirm the system is armed with the Perimeter Sensor active.

While armed double tap the button on your remote and the alarm will chirp once and the turn signal lights will flash once. The alarm is now manually disarmed and will not automatically arm. The alarm will only arm again when you push and hold the button on the remote for 1 second. To return to automatic arming, arm the alarm and go back to using the key.

Setting Perimeter Sensor Default

1. To select between perimeter sensor on and off, double tap the button on the remote to manually disarm the alarm.
2. Turn your ignition key on-off-on, double tap the button quickly and the siren will chirp 2 or 3 times to let you know whether the perimeter sensor is on or off. *(If equipped with optional siren)* Double tap again to change setting.

   Perimeter On: 2 Chirps
   Perimeter Off: 3 Chirps
3. Turn your ignition key off to save and exit program mode.
4. Manually arming the Perimeter Sensor will not change the default. The next time the system arms automatically, it will go back to the default setting. (see Arming with Perimeter Sensor above)

Note: **If the perimeter sensor is armed for more than 10 days, the system will automatically disable the perimeter sensor to conserve battery life.**

Adjusting G Sensor Sensitivity (Shock and Tilt Triggers)
The sensitivity is on a scale from 1-5 indicated by 1-5 chirps or turn signal flashes with 5 being most sensitive. (If equipped with optional siren)

1. Manually disarm the alarm by double tapping the button.

2. Turn your ignition key on-off-on and then hold the remote button. The siren will chirp and turn signals will flash to let you know the current sensitivity level. (Default is level 3)

Adjusting G Sensor Sensitivity (Shock and Tilt Triggers) (cont.)

3. Press the button to change the sensitivity level. Level 1 has two settings. The first Level 1 is trailer mode and turns off the shock and tilt triggers. Press the button again to get another single chirp/flash for sensitivity Level 1.

4. Turn ignition key off to save and exit. The siren will give 1 chirp to indicate the save.

Alarm Triggers

1. If bike is bumped, the siren (if equipped) will sound for 5 Seconds and the turn signal lights will flash.
2. If the bike is tilted, the siren (if equipped) will sound for 30 seconds and the turn signal lights will flash.
3. If the ignition switch is turned "on", the siren (if equipped) will sound for 30 seconds and the turn signal lights will flash.

> **Note: Once an alarm trigger has occurred and the siren duration is completed, the system will remain armed and accept any additional triggers.**

Manual Override Procedure

Programming Personal Override code*

A personal override code will be a sequence of left – right - left turn signal flashes that can be used to disable the alarm if the remote is lost.

Enter programming Mode
1. Manually disarm system.
2. Turn ignition on – off – on – off – on.
3. Press and hold the button until the siren chirps 3 times.

Select number of flashes for Code

The code will be a combination of left-right-left-right turn signal flashes.

1. Turn on left turn signal to desired number of flashes. (up to 9)
2. Turn on right turn signal to desired number of flashes. (up to 9)
3. Turn on left turn signal to desired number of flashes. (up to 9)
4. Turn on right turn signal once to exit mode. (Will only register one chirp)
5. The bike will flash the code in the same sequence entered.

Using code in case of lost remote
1. Turn ignition key to on position. Let the alarm go through a full cycle until the turn signal lights stop flashing.
2. Enter code as originally entered.
3. When correct code is entered, the alarm will deactivate.

*This feature is not compatible with all motorcycles.

Perimeter Sensor (SN-5)

Mounting the SN-5
The Perimeter sensor uses high frequency microwave technology to detect mass density movement around the motorcycle. The signal can transmit through the seat, fiberglass, leather and plastic, but not metal. It is recommended to place this sensor under the seat as close as possible to the center of the motorcycle. With the provided Velcro, you can mount this sensor on top of the battery or any flat surface, making sure that the top side of the sensor is facing upwards.

Adjusting the Sensor
Although the sensor is pre set from the factory it may be necessary to adjust the sensitivity to suit your specific application.

1. Stand at least 10' away from the motorcycle and arm the system.

2. Walk towards the motorcycle and lean over the top of it. Once the sensor detects movement, the siren will begin to chirp slowly. (if equipped with optional siren) If you back away from the motorcycle the siren will stop chirping. If you continue to move closer to the motorcycle the siren will start to chirp faster and faster and then go into a full alarm.

3. Sensitivity can be adjusted by removing the plastic cap and tuning the adjustment screw. To increase sensitivity, turn adjustment screw clockwise. To decrease sensitivity, turn the adjustment screw counter clockwise.

4. The Perimeter sensor has an internal tuning control, which has been set at the factory. This tuning control should only be changed if the sensor can not be properly set as described in #3 above, please call Aritronix' technical support.

> *Note: Do not turn sensitivity above half way. Doing so may cause false alarms.*

Plastic Cap: Remove to adjust sensitivity

To Accessory Harness on Main Control Module (MCM)

rLiNK Account Set Up

1. Go to http://my.rLink.com
2. Click on "Register my device"
3. Enter the 15-digit IMEI number of your rLiNK.

4. Enter your 8-digit activation code.
5. Follow the prompts to create your account, modify settings, etc.

Note: To receive text message alerts, be sure to enter your phone number and service provider and click the box marked "SMS Enabled". Call Aritronix if your provider is not listed.

my.rLiNK.com Operation Instructions

rLiNK's location reporting (tracking) is always on when the motorcycle is running or when the system is armed. **Always arm the system when the motorcycle is not running to be fully protected.**

Signal Strength

Ignition On/Off

Motorcycle Battery

PerimeterSensor On/Off

Armed/Disarmed
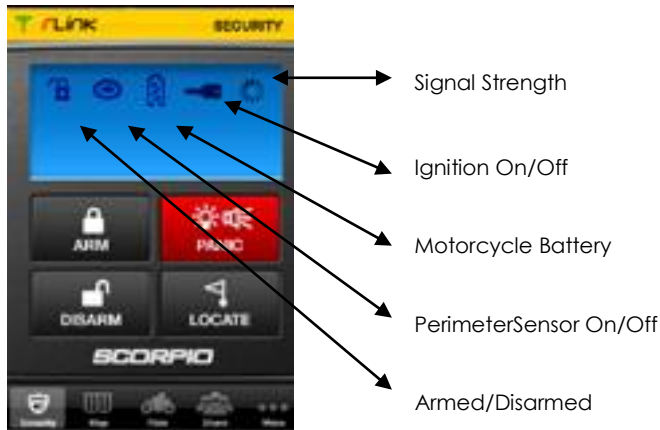
To preserve the motorcycle's battery, rLiNK will go into sleep mode 1 hour after the ignition is turned off. Commands from your virtual remote will not work while the unit is in sleep mode. Any alarm trigger, movement or turning on the ignition will wake up the system and allow the virtual remote to function.

The PANIC button will sound the siren (if equipped) and flash the turn signals for 30 seconds or until armed/disarmed.

The LOCATE button with sound the siren (if equipped) and flash the turn signals for 5 seconds.

Tracking and Recovery

With current and historical reporting capabilities, rLiNK will report where your motorcycle is and where it has been. In the case of theft, activating the emergency feature will generate a PIN number that you can give to the police. The police can then log in with that PIN and immediately locate the stolen vehicle.

In case of a verified theft scenario **only**, click the Activate Emergency button and follow the prompts. Activating emergency mode will increase draw on the motorcycle's battery.

Call the Police to file a theft report. Give them the PIN number and direct them to log in at http://my.rLink.com to locate and recover the vehicle.

MCM Indicator Lights

Solid green light indicates GPS lock.

Fast blinking red light indicates rLiNK is searching for cellular signal.

Slow blinking red light indicates rLiNK has connected to cellular signal.

Blue light indicates rLiNK is receiving over the air updates. Do not unplug the MCM or turn on ignition while the blue light is lit.

Mobile Phone Support

iPhone/iPod touch/iPad

1. Download the free app from the app store
2. Launch the app on your device and enter your email and password to log into your account.

Blackberry

1. Open your mobile browser to http://my.rlink.com.
2. Log into your account using your username and password.
3. Click the "Install Blackberry rLiNK Launcher" link at the bottom of the page; this will install a quick launch icon on your BlackBerry desktop allowing you to access your account with a single click

Android

1. Open your mobile browser to http://my.rlink.com.
2. Log into your account using your username and password, and create a bookmark to the rLiNK site.
3. From your main device desktop, select the "Create Shortcut Icon" option, and select the rLiNK bookmark you just created. This adds an rLiNK browser launcher to your device desktop.

Powersave Mode

Powersave mode is a setting that allows the device to go to sleep in a shorter amount of time. The sooner the rLiNK goes to sleep, the less the draw on the motorcycle's battery.

The default setting keeps the device awake for 1 hour after any arm/disarm commands, alarm triggers, or ignition off. Enabling Powersave mode will shorten this time to 15 minutes.

Log in to your account at my.rlink.com. Go to ACCOUNT SETTINGS > MOTORCYCLE INFO > LONG TERM POWERSAVE MODE. Click the ENABLE/DISABLE button to change between Default and Powersave mode.

TIP: The selected mode will not synch with the rLiNK device until the ignition is turned on and the system connects to the network".

## Turning Off Arm/Disarm Chirps

Follow these steps to turn off the arm/disarm chirps.

1. Disarm the alarm.
2. Within 3 seconds, arm the system.
3. Within 3 seconds, disarm the system.
4. Within 3 seconds, arm the system.
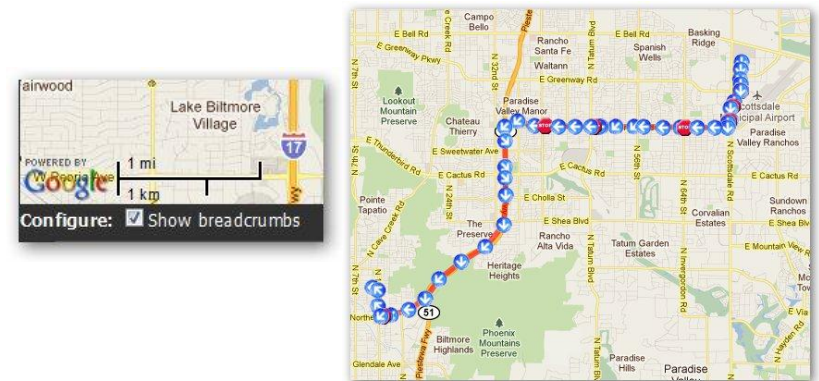5. Within 3 seconds, disarm the system.

If the system was in chirp mode, it will toggle to chirp-less. Follow the steps to put it back to chirp mode.

Breadcrumbs

rLiNK's mapping pages at my.rlink.com offer two views. The default view is without breadcrumbs.
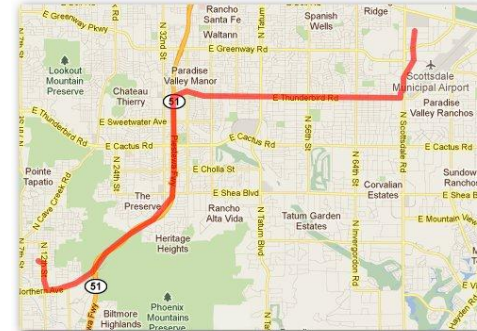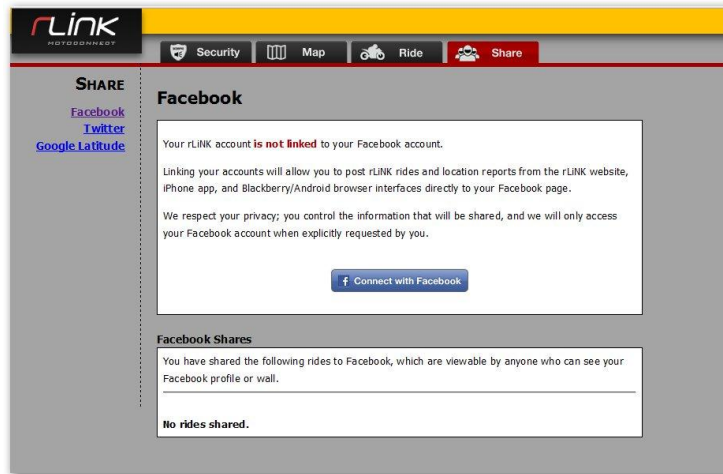

Clicking the breadcrumbs box in the bottom left corner of the map with enable a much more detailed view of the ride.


Hover your computer mouse over the blue breadcrumb points on the map to view the speed, heading and time at that point.

Sharing Location to Facebook and Twitter

1. Log in to your account at my.rlink.com and click on the SHARE tab.
2. Click on the Facebook and/or Twitter links and follow the prompts to link your accounts.
3. iPhone App – To share your current location, launch the app and click the SHARE tab. Enter the text you want to appear on the posting and click the "Post to Facebook" or "Post to Twitter" button.

Sharing a Ride to Facebook and Twitter
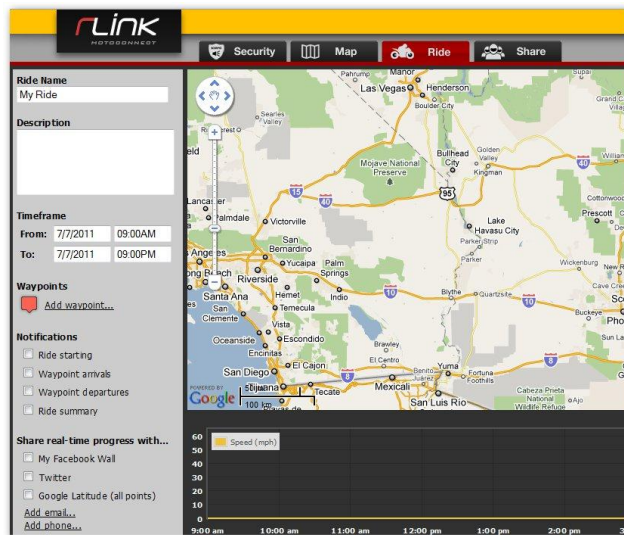
1. Go to the RIDE tab and click on Plan a New Ride on the left hand side of the screen.
2. Enter text for the ride title and description.
3. Set the start and end times with the timeframe drop down menus.
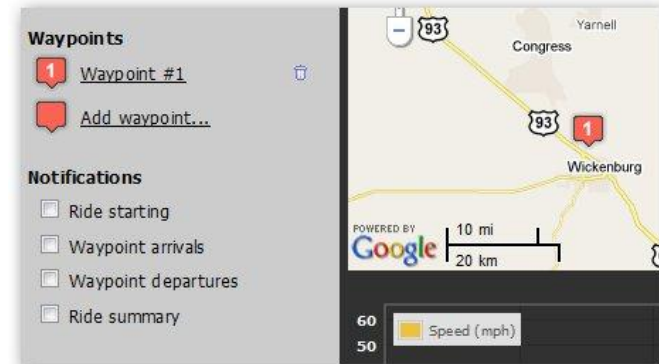
4. Click on waypoints and position them on the map in the desired locations. These geo-tags will create points during the ride for location and progress updates.

5. Click again on the waypoint in the left hand column to add names the individual points such as HOME. WORK, REST, etc.
6. Under Notifications, choose when notifications will be sent during the ride.
7. Under "Share Real Time Progress", choose where, if any, to send notifications during the ride. Notifications during the ride can go to Twitter, Facebook, any phone number or any email address.
8. Click SAVE.

TIP: To share the entire ride to Facebook, be sure to check the boxes "Ride Summary" and "Share to Facebook Wall".

Starter Disable Installation Instructions

1. Test the Engine control wire. (refer to options below)
2. Attempt to start bike to test if correct wire is selected. If bike starts, the wrong wire is selected. (contact Aritronix for assistance) If bike does not start, correct wire was selected continue to step 3.
3. Connect one end of cut wire to one of the blue-taped wires in RSD-7 with provided butt connector or any other solid connection options.
4. Connect second end of cut wire to second blue-taped wire in RSD-7 with provided butt connector or any other solid connection options.
5. Test connections to insure that they are as solid as possible. *
6. Plug the RSD-7 connector into the matching connector on Main Control Module (MCM) Accessory Harness.
7. Test RSD-7 by activating alarm (without perimeter sensor) and try to turn on bike. If bike turns on, please contact Aritronix for assistance.

* A loose wire could cause an accidental engine cut off

The Ignition / Engine control wire options:

Note: For specific Instructions on individual bikes please call (800)428-0440 or for international (480)951-1109.

Option #1: Power or ground wire on fuel pump (Fuel injected bikes)
Option #2: Wire running to the ignition fuse in fuse box. This should be either a 10 or 15 amp fuse labeled **ign** or **start.** (Carbureted Bikes)
Option #3: Ground wire from ignition module
Option #4: Positive wire from ignition module to ignition coil.
Option #5: Wire connected between the Ignition module and engine stop button.
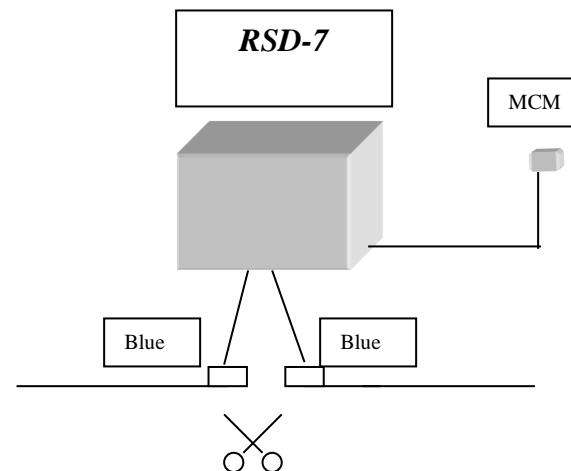
Note: The RSD-7 adds a Starter Disabling feature, and will prevent unauthorized starting of the engine automatically when the system is armed.

Troubleshooting Guide

Will not arm/disarm or one way communication - system arms but icons do not change (SR-i600/900)	Remote is locked (SR-i600)	Unlock remote by pressing button 4 for two seconds.
	Power or ground not connected	Verify all connections are secure including t-taps, harnesses, battery positive and GEN-1 ground.
	Remote lost code	Follow instructions "Encoding the Transceiver".
	Blown fuse	Check fuse in HAR-1 and replace if necessary.
	Antenna not routed correctly	Check connections and re-route antenna so it is not blocked by metal components.
Turn signals do not flash	Verify connections	Check the grey wires from GEN-1 are securely connected to the turn signal power wires, orange wire to the license plate light power and black wire to ground.
		If the motorcycle is equipped with an aftermarket tail section or tail light conversion kit, connect GEN-1 or factory harness in line to the stock wiring before it connects to the aftermarket pieces.
Siren will not trigger	Remote lost code	Follow instructions "Encoding the Transceiver".
	SR-i800/i900/i1100 RFID	Take the remote 10 feet away from the bike (outside RFID range) when testing alarm triggers.
	Silent Mode	Follow instructions in the manual to turn off/turn on the siren (Scorpio). SR-i1100 requires optional siren to be installed. Check siren plug for bent prongs.
Auto arming/disarming does not work	RFID Antenna	Verify RFID antenna is installed correctly, within 3 feet of the ignition, and not blocked by metal components.
	Verify connections	Check the orange GEN-1 wire is connected to the taillight or license plate light, NOT the brake light, and is receiving 12 volts of power when ignition is switched on.
		If the motorcycle is equipped with an aftermarket tail section or tail light conversion kit, connect GEN-1 or factory harness in line to the stock wiring before it connects to the aftermarket pieces.
Perimeter Sensor not working	Verify connections	Check all connections including Perimeter Sensor plug at ACC-1, and ACC-1 at MCM.
	Check Sensor	Check that the sensor is picking up movement, red LED on the sensor will flash.
	Sensor Enabled	Follow the "Turning Perimeter Sensor on/off" procedure in the manual to check that the sensor is enabled.
	SR-i800/900/1100 RFID systems	Take the remote 10 feet away from the bike (outside RFID range) when testing sensor triggers.
Perimeter Sensor false triggers	Sensitivity adjustment	Turn the sensitivity all the way down (counter clockwise), then raise sensitivity one click at a time and test by moving hand over the unit until desired level is reached.
	Mounting location	Mount the Perimeter Sensor at least 6 inches away from the MCM to ensure proper functionality.
Ignition Disable does not function	Verify connections	Check the orange GEN-1 wire is connected to the taillight or license plate light, NOT the brake light, and is receiving 12 volts of power when ignition is switched on.
	Installation	Check that the unit is installed on the correct wire. Choose a fuel pump, fuel injection or ignition fuse wire and test to be sure it kills the ignition when interrupted.
System is unresponsive or false triggers after storage or extensive inactivity	Alarm left armed	Your Scorpio alarm will go into "battery safeguard mode" to try and protect the motorcycle's battery if left armed for extensive periods of time. Trigger the alarm to wake it up.
	Battery maintenance	If the motorcycle's battery was removed, charged or disconnected, check the alarm power wire to be sure it was re-installed to the battery positive. Always unplug HAR-1 from the MCM when adding or taking away power.
	Remote lost code	Follow instructions "Encoding the Transceiver".

MASTER RESET
If the solutions listed do not correct the issue, perform a Master Reset. The reset procedure will clear any faults and return the software to factory settings. If the problem persists, call Aritronix technical support.

1) Disarm the alarm. Unplug HAR-1 from the MCM and leave it unplugged for 30 minutes.
2) Remove the rubber plug from the top of the MCM. Plug in HAR-1 to the MCM. IMMEDIATELY after plugging in the unit, press and hold the reset button under the rubber cap with a paperclip or small screwdriver. Hold the button for 8 seconds, but no more than 10 seconds. Once the button is released, the siren will chirp two (2) times (if equipped) and turn signals will flash two (2) times. If the siren and/or turn signals do not respond, check that HAR-1 is properly connected to the battery positive.
3) Within six seconds, quickly turn ignition switch on and off three (3) times.
4) If done correctly and in the time allowed, the siren will chirp two (2) times (if equipped) and turn signals will flash two (2) times to confirm the unit is in learn mode. If the siren and/or turn signals do not respond, check that the orange wire from the connector kit is going to a switched power that receives a constant 12 volts when the key is on.
5) Press and hold the button on the remote until the siren chirps two (2) times (if equipped) and turn signals flash two (2) times to confirm the MCM has learned the code.
6) Turn ignition on and off to exit learn mode. Replace the rubber cap to keep the MCM weather proof.

Limited Warranty

Limited Warranty
Products manufactured by Aritronix, Ltd are warranted by the company to the original consumer purchaser to be free from defects in workmanship and materials. Should a product be found defective Aritronix shall repair or replace the product or any part of the product that Aritronix agrees is defective without charge during the first 12 months from the date of original purchase if the product is returned to Aritronix freight prepaid and accompanied by a copy of the purchase receipt.

This warranty does not apply to any product damaged by accident, physical or electrical misuse or abuse, improper installation, alteration, any use contrary to its intended function, fire, flood, unauthorized repair or any other acts of God.

Aritronix shall not be responsible for removal and/or reinstallation charges or theft of the motorcycle or its contents or any incidental or consequential damages caused by any failure of the product to function properly. Under no circumstances should this warranty or the product covered by warranty be construed as an insurance policy against loss or damage of any kind.

Aritronix neither assumes nor authorizes any person or organization to make any warranties or assume any liability in connection with the sale, installation, or use of this product.

This completes Aritronix warranty and no other warranty exists.

What should you do if you experience a problem with a Scorpio product?
First contact Aritronix, Ltd **[Proof of purchase, installer and motorcycle information will be requested]**. If after assistance from our trained staff it is determined that the Aritronix product may be faulty then you will be provided with detailed information on processing a warranty claim and instructions on how to send the product into our repair office. All warranty claims must contain a return material authorization (RMA). Aritronix will not accept any package that has not been approved for warranty repair/exchange and been issued an RMA. **Shipping charges may apply**.

FCC Notice

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

For technical assistance, please contact Aritronix:

www.rlink.com
support@aritronix.com

Toll Free
(800)428-0440
International
(480)951-1109

Aritronix Ltd
16055 N Dial Blvd B-10
Scottsdale, AZ 85260