SCORPIO
/MOTOSECURITY/

SRX SERIES

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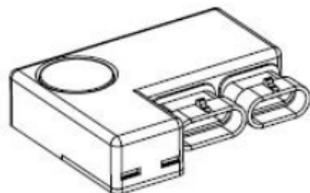
Module
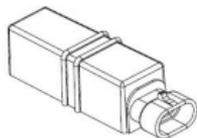
RFID Antenna
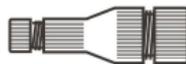
Quick Connector

Hook & Loop / Cable-ties
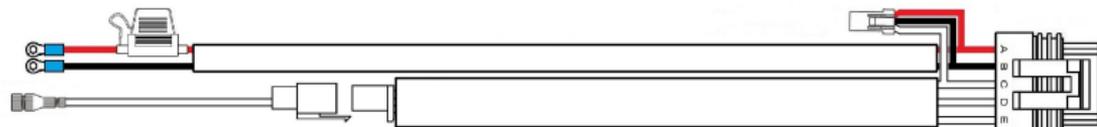
Main Harness

Options

Accessory Harness

USB Charger

2-Way RF Remote

RFID Remote

Planning the Install

Make sure that the motorcycle battery is fully charged and verify that no moving parts will interfere with the components. Do not route wires near sharp edges which could cut wires and create a short. Do not mount components near high heat sources such as the exhaust pipes.

The SRX system harness has three wires; you will need to connect these to your Motorcycle:

Red: Install the terminal ring of this wire directly to the battery positive post.
White Wire with Blue Ring Terminal: Install the terminal ring of this wire directly to the battery negative post.
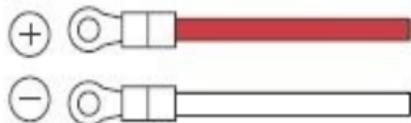
White Wire with Quick Connector: Install this wire to a 12 volt switched source using the provided Quick Connector. Remove the cap on the open end of the Quick Connector attached to the white wire of the installation harness. Insert the switched power wire of the vehicle into the slot in the cap. Tighten the cap back on to the Quick Connector.

Locate the 12 volt switched wire source on your vehicle. The most common applications are the tail light power wire (not the brake light) or the license plate light power wire. Do not attach the white wire to any LED light sources, as LED lights may operate at a lower voltage.

Mounting

Select a suitable location under the seat or in a side cover. Mount the MCM using Velcro or cable ties. Make sure that it is not exposed or easily reached.

Routing the RFID Antenna
Make sure to place the RFID antenna as close as possible to where the remote will be when you are turning your key on to disarm the alarm. The RFID range depending on obstructions is 2-3 feet.

Routing the Antenna Wire
The MCM includes an 18″ antenna wire. The first 12″ is a coaxial wire; the remaining 6″ is the actual antenna wire. When routing, try to avoid running the antenna along or near metal. For best performance, try to have at least a portion of the antenna wire exposed.

Wire Connections
The MCM is equipped with two connectors. One is for the main harness and the other is for the accessory harness.

Switched Power

The SRX requires proper installation of the switched power wire to function correctly. Switched power is hot (12 volts) when the ignition is on, zero volts when off.

Common switched power sources are the tail light, (NOT the brake light), the license plate light, and some accessory plugs.

Common tail light power wire colors

Honda	Brown or White w/black stripe
Kawasaki	Red
Suzuki	Brown
Yamaha	Blue w/Red stripe
Harley-Davidson	Blue
Ducati	Yellow

Plug In Module

Attach Accessory Harness
Connect the accessory harness into the center accessory port of the module. If no accessories were purchased, use the provided dust plug. At this time, connect the optional starter disable module and/or perimeter sensor if purchased. When installing optional accessories please refer to the respective instruction sheets.

Attach Main Harness
Once installation is complete, connect the main harness to the outer port of the module. When the main harness is plugged in, the siren will chirp twice. If the siren does not chirp; check the fuse, battery power (+) and ground (-) connections.

Back Up Battery

The back-up battery provides the system the ability to transmit information and activate the siren when power is interrupted. If power is ever interrupted while the system is activated, the back-up battery will be engaged and the siren will sound in 30 second increments.

Note: The optional 2-Way remote will receive a "backup" trigger on the LCD Screen.

Remote Encoding

When a SRX kit is purchased, the remotes are programmed from the factory. Programming is only necessary should the remote lose its code and will not arm or disarm the security system or if a replacement remote is obtained.

- Unplug the main harness from the module and plug it back in, the siren will chirp 2 times (If not disarmed, the BAT-5 will engage the siren until it is fully depleted, once the backup battery is depleted, plug the HAR-1 back in to continue).

- Within 6 seconds of plugging in the HAR-1, (from the off position) turn the ignition switch "ON" and "OFF" 3 times.

- If step 2 is done correctly and within the time allowed, the siren will chirp 2 times to confirm that the system is in "Learn Mode".

- Press and hold button 1 until the system chirps 2 times to indicate that the MCM has learned the code. Release button 1. If using the optional 2-Way remote, the remote will chirp 4 times with the LCD displaying [LErn donE] to confirm that the transceiver is encoded.

- Turn ignition "ON" then "OFF" to exit "Learn Mode".

Alert Type Aud/Vibr
Range Indicator
Button 1
Reset Button
Shock Trigger
Button 2
Audible/ Silent Alert Indicator
24 hour Clock / Text Display

System Status
Battery Gauge
Tilt Trigger
Ignition Trigger
Perimeter Trigger
Back up Power Trigger

FM 2WAY   RFID

SHOCK   TILT   IGN

BK UP   PER OFF

6:53

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Charger Input

Charging Instructions

We recommend that the transceiver be charged for up to 12 hours to ensure full life of the battery.

1. Plug in provided charger into the transceiver.
2. While the transceiver is charging, the icon will scroll from empty to full.
3. When the transceiver is fully charged, the icon will no longer scroll.

It is recommended to recharge the transceiver every day to maintain full function.

Remote Battery Status

The LCD will display 3 different icons to show the transceiver battery status.

Motorcycle Battery Status

Every time the alarm is activated or deactivated, the LCD will display a text message with the current battery voltage.

bALL: 12_4

If motorcycle battery drops below 11 volts, the screen will display CyCLE bAtt LO.

Transceiver Back light

From the main screen, press button 1 or 2, the screen's back light will turn on for 2 seconds.

Auto Arm

Turn ignition key off. Walk away from bike

▽ ((◔)) 🔒 🔋

PER OFF

10:58

Siren:
Chirp 3 Times

Turn Signals:
Flash 1 Time

Activate Perimeter Sensor

Press and hold button 1 and 2

▽ ((◔)) 🔒 🔋

10:58
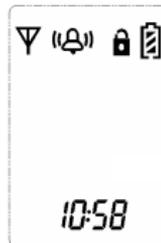
Siren:
Chirp 4 Times

Turn Signals:
Flash 1 Time

Panic / Stop Trigger ((when system is armed))

Press and hold button 1

Siren:
Chirp 6 Times

Turn Signals:
Flash 1 Time

Auto Disarm

Walk next to bike. Turn ignition key on

((◔)) 🔓 🔋

Siren:
Chirp 1 Time

Turn Signals:
Flash 1 Time

Manual Disarm

Press and hold button 2

((◔)) 🔓 🔋

Siren:
Chirp 1 Time

Turn Signals:
Flash 1 Time

Note: If the system is manually disarmed, it will stay in disarmed mode. In this mode, the system will not auto arm upon turning ignition key off. To re-enable the Auto Arm feature, hold button 1.

Manual Arm ((system has to be manually disarmedffirst))

Press and hold button 1

▽ ((◔)) 🔒 🔋

PER OFF

10:58

Siren:
Chirp 3 Times

Turn Signals:
Flash 1 Time

Entering Programming Mode

1) Press button 2 twice quickly to enter programming mode
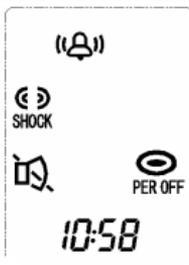
Programmable options will be displayed. The selected icon will flash

2) Press button 2 again to scroll through programmable options
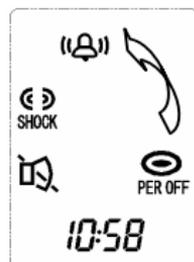
3) Press button 1 to select icon and to begin programming

Note: Remote will time-out of programming mode after 20 seconds of inactivity. No changes will be saved.

Note: To exit programming mode, scroll through all icons once.

Selecting Perimeter Sensor Default

Enter programming mode. The ⊖ PER OFF icon will begin to flash, press button 1 to enter the perimeter sensor menu. The LCD will display the current setting. To program, follow these steps:

Press button 1 to cycle between the options
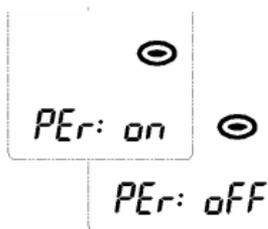
PEr: on

PEr: oFF

Press button 2 to save and exit

PEr: on – Perimeter sensor will be **enabled** every time alarm is armed

PEr: oFF – Perimeter sensor will be **disabled** every time alarm is armed

Selecting Transceiver Alert Type (Audible/Silent/Vibrate)

Enter programming mode. Scroll to the the ((Δ)) icon, press button 1 to select. The LCD will display the current settings. To program, follow these steps:

Press button 1 to cycle between the options →

((Δ))
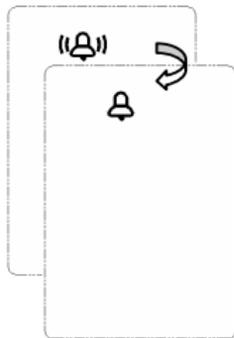
Press button 2 to save and exit →

((Δ)) **–** Transceiver will vibrate and sound when a trigger occurs

ALL oFF – Transceiver will only flash when a trigger occurs

Δ **–** Transceiver will only sound when a trigger occurs

(( )) **–** Transceiver will only vibrate when a trigger occurs

Adjusting the Accelerometer (Shock/Tilt) Sensor (proximity to MCM required)

Enter the programming mode. Scroll to the SHOCK icon and press button 1 to select. The screen will display the current sensitivity setting, and the siren will chirp 1-5 times to confirm sensitivity level. To program, follow these steps:

Press button 1 to cycle between the options →

SHOCK
SHOCK
on 3
on 4
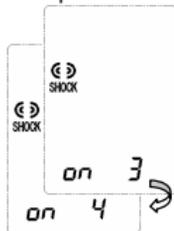
Press button 2 to save and exit →

Off – Sensor turned off

1 – Least sensitive **5**

– Most sensitive

Selecting Siren Default

Enter programming mode. Scroll to the 🔇 icon and press button 1 to enter the siren menu. The LCD will display the current setting. To program, follow these steps:

Press button 1 to cycle between the options →

Press button 2 to save and exit →

🔊 – Siren **will** sound and turn signals **will** flash every time alarm is triggered

🔇 – Siren **will not** sound and turn signals **will not** flash every time alarm is triggered

Setting the Clock

Enter the programming mode. Scroll to the time and press button 1 to select. The screen will display time with the hour flashing. To program, follow these steps:

Press button 2 to toggle between digits →

8:55

Press button 1 to adjust each digit →

Press button 2 to save →

8:54
8:55
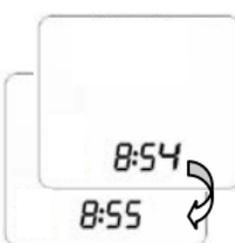
Note. Clock only displays in 24 hour format (Military time)

Alarm Triggers

When the system is triggered, the siren will sound and the turn signal lights will flash. The transceiver's LCD will display the following messages:

1. If bike is bumped, the LCD will display $\underset{\text{SHOCK}}{\textbf{\textcircled{\tiny ?}}}$ icon. The siren will sound for 5 seconds.

2. If the perimeter sensor triggers a full alarm cycle, the LCD will display $\underset{\text{PER}}{\textcircled{}}$ icon. The siren will sound for 5 seconds.

3. If bike is bumped, the LCD will display $\underset{\text{TILT}}{\textbf{?}}$ icon. The siren will sound for 30 seconds.

4. If the ignition switch is turned on or tampered with, the LCD will display $\underset{\text{IGN}}{\blacksquare}$ icon. The Siren will sound for 30 seconds.

5. If the main harness or battery power supply is disconnected (with the Back-Up Battery $\underset{\text{BACKUP}}{\nearrow}$ icon. The MCM-9 will still continue to sound and transmit from its internal power source, the siren will sound for 30 seconds.

6. The transceiver will continue to flash the triggered icon until any button is pressed.

RCS (Range Confirmation Signal)

If the transceiver is within range of the MCM and the alarm is activated, the LCD will display ⚐ icon.
If the transceiver does not receive the RCS; the ⚐ icon will not appear.

Checking Violation Display with Time Stamp

If no alarm triggers in memory, all sensor icons will be displayed

If the system was triggered, the last triggered sensor will be displayed

Press button 1 twice quickly

Press button 1 to scroll between triggers

Or, press and hold button 2 for two seconds to erase memory.
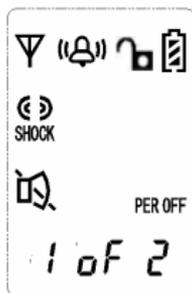
Trigger # Total # of Triggers
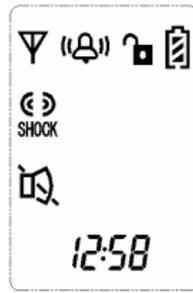
Time of trigger

Transceiver Battery Information
The receiver consists of two functions, RFID functions, and Two-way FM communication.
Low Battery Stages
It is recommended that the transceiver be charged daily. If the transceiver is not charged daily, the following stages will occur:

Low Battery: When the battery is low, the battery level icon will cycle from 3 bars to 2 bars to 1 bar. The transceiver should be charged as soon as possible.

Two-Way Off: If the transceiver is not charged, at some point (approximately 5 days) two-way communication will shut off. In this mode, the LCD displays **[rFId onLy]**. The RFID system will still operate and you will still be able to automatically arm and disarm the system using the ignition.

No Response: If the battery is not recharged and all power is drained. The transceiver will not respond or communicate to the alarm system. The transceiver

SPECIAL NOTE ON 2-WAY FM RANGE
The average reception range is approximately ½ mile (800 meters). The actual reception range could be greater or less depending on the location and/or the presence of obstacles between the vehicle and the remote. The reception range can also be affected by the presence of strong electromagnetic interference from outside sources.

Selecting Arming Modes

The SR-i800 can be manually armed and disarmed by 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 installed. The default setting is to arm with the perimeter sensor (SN-5) on.

Automatic Arming - By keeping the remote with you 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 feature off. To turn auto arming 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.

Manual Disarming - While armed, double tap the button on your remote and the alarm will chirp and flash the turn signal lights 1 time. Now the alarm is manually disarmed and will not automatically arm. After manually disarming, the alarm will only arm when you press and hold the button on the remote for 1 second. To reenable the automatic arming feature, simply arm the alarm and go back to using the key.

Setting the Perimeter Sensor Default
- To select between perimeter sensor on and off, you must first double tap the button on the remote to manually disarm the alarm.
- Turn your ignition key on-off-on then double tap the button quickly and the siren should chirp 2 or 3 times to let you know whether the perimeter sensor is on or off. Double tap again to change the current setting.
    - **Perimeter On: 2 Chirps**
    - **Perimeter Off: 3 Chirps**
- Turn your ignition key off to save and exit program mode.
- 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)

Adjusting G Sensor Sensitivity (Shock and Tilt Triggers)
Note: The sensitivity is based on a scale from 1-5 indicated by 1-5 chirps with 5 being most sensitive setting available.
- Manually disarm the alarm by double tapping the button.
- Turn your ignition key on-off-on and then hold the button, the siren should chirp to let you know its current sensitivity level. (Default level is 3)
- Press the button on the remote to change sensitivity.
- Turn ignition key off to save the setting and exit. The siren will give chirp once to indicate the save was successful.

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 which Aritronix agrees is defective without charge during the first 12 months from the date of original purchase provided that 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 an issued 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.

FCC ID: Two-Way Remote: ARIMKF50   Module: ARIMKF51

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