

## Sykik SRT208

# Sykik Rider 2-Way Motorcycle Alarm System

Model: SRT208

## 1. INTRODUCTION

Thank you for choosing the Sykik Rider 2-Way Motorcycle Alarm System. This comprehensive security system is designed to protect your motorcycle from theft and unauthorized access. Featuring a wireless LCD pager remote with a range of up to one mile, it provides real-time notifications if your bike is moved, tilted, or subjected to shock. The system also includes remote engine start/shut-off capabilities for enhanced convenience and security.

## 2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of motorcycle electrical systems, professional installation is highly recommended to ensure proper function and avoid damage to your motorcycle or the alarm system.
- **Battery Disconnection:** Always disconnect the motorcycle's battery before beginning any installation work to prevent electrical shorts or damage.
- **Wiring Precautions:** Ensure all wiring connections are secure and properly insulated to prevent short circuits, corrosion, and fire hazards. Use appropriate gauge wires and fuses as specified.
- **Remote Engine Start:** Use the remote engine start feature only when the motorcycle is in a safe, well-ventilated area and out of gear. Ensure no one is near the motorcycle when activating this feature.
- **System Testing:** After installation, thoroughly test all alarm functions in a safe environment before relying on the system for security.

## 3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Main Alarm Control Unit (Brain)
- LCD Pager Remote Control
- Standard Remote Control

- Siren
- Wiring Harness
- LED Indicator (Optional)
- Adhesive Pads for mounting



Figure 3.1: All components included in the Sykik Rider 2-Way Motorcycle Alarm System package.

## 4. COMPONENTS OVERVIEW

### 4.1. LCD Pager Remote Control

The primary remote features an LCD screen that displays the alarm status, battery level, and notifications from the motorcycle. It provides both sound and vibration alerts.



Figure 4.1: LCD Pager Remote Control.

#### 4.2. Standard Remote Control

A secondary remote control without an LCD screen, offering basic arming, disarming, and remote start functions.



Figure 4.2: Standard Remote Control.

### 4.3. Main Control Unit (Brain)

The central processing unit of the alarm system, responsible for interpreting sensor inputs and controlling alarm functions.

### 4.4. Siren

A loud siren designed to deter thieves and alert others when the alarm is triggered.

## 5. INSTALLATION GUIDE

This section provides a general guide for installation. Refer to the wiring diagram for specific connections. Professional installation is strongly recommended.

### 5.1. Wiring Diagram

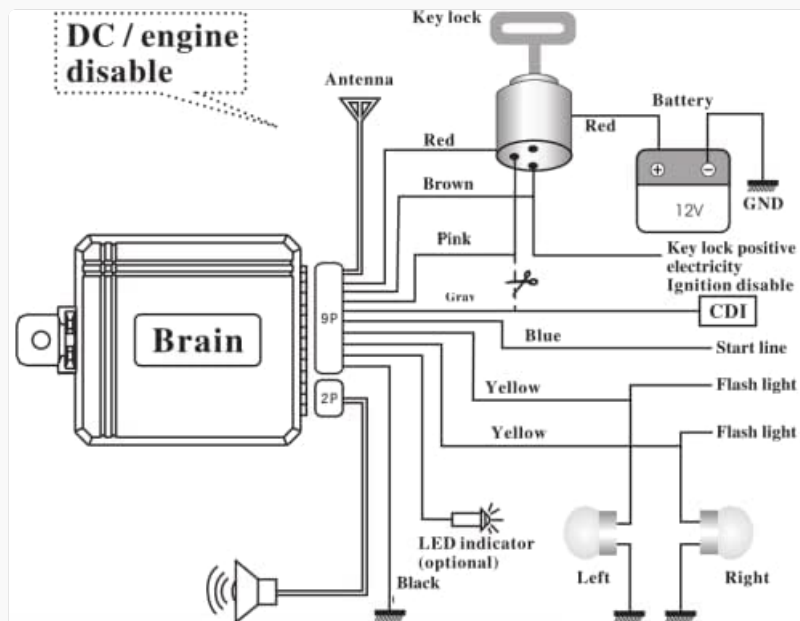


Figure 5.1: Wiring Diagram for Sykik Rider Motorcycle Alarm System.

### 5.2. General Installation Steps

1. **Prepare the Motorcycle:** Ensure the motorcycle is turned off and the battery's negative terminal is

disconnected.

2. **Mount the Main Control Unit:** Choose a secure, hidden, and weather-protected location on the motorcycle for the main alarm unit. Use the provided adhesive pads or other suitable mounting hardware.
3. **Connect Power Wires:**
  - Connect the **Red wire** to the motorcycle's positive (+) battery terminal.
  - Connect the **Black wire** to the motorcycle's negative (-) battery terminal or a good chassis ground point.
4. **Connect Ignition/Engine Disable Wires:**
  - The **Brown wire** typically connects to the Accessory (ACC) or Ignition (IGN) switched power source.
  - The **Pink and Gray wires** are part of the engine disable circuit. These wires form a Normally Closed (NC) relay that opens when the system is armed. Connect them in series with a critical ignition component (e.g., CDI power supply) to disable the engine when the alarm is active. Consult a professional if unsure.
5. **Connect Start Line (Remote Start):**
  - The **Blue wire** is for the remote start function. Connect it to the motorcycle's starter motor trigger wire.
6. **Connect Turn Signal/Flash Light Wires:**
  - The two **Yellow wires** connect to the left and right turn signal wires of the motorcycle. This allows the alarm to flash the lights.
7. **Connect Siren:** Mount the siren in a secure location, away from direct water spray. Connect the siren's wires to the designated siren output on the main control unit.
8. **Connect Antenna:** Position the antenna wire away from metal objects and other wiring to maximize remote range.
9. **Reconnect Battery:** Once all connections are made and secured, reconnect the motorcycle's battery.

## 6. OPERATING INSTRUCTIONS

### 6.1. Remote Control Functions

Button/Function	Description
<b>Lock Button (Arm)</b>	Press once to arm the alarm system. The motorcycle will chirp and lights will flash. The LCD remote will show an armed icon.
<b>Unlock Button (Disarm)</b>	Press once to disarm the alarm system. The motorcycle will chirp and lights will flash. The LCD remote will show a disarmed icon. Press twice quickly to lock/unlock without the alarm chirp.
<b>Lightning Bolt Button (Remote Start)</b>	Press and hold to remotely start the motorcycle engine. Ensure the motorcycle is in neutral before using this feature. The alarm must be disarmed before using auto start.

Button/Function	Description
<b>Bell/Speaker Button (Find Bike/Panic)</b>	Press to activate the "find bike" function (siren chirps, lights flash) or as a panic alarm.
<b>Auto Arm Feature</b>	The system may have an auto-arm feature. To prevent auto-arming, either start the bike or, with the alarm disarmed, press the disarm button again.

## 6.2. Alarm Triggers and Notifications

The system is equipped with motion, tilt, and shock sensors. If any of these sensors are triggered while the alarm is armed, the siren will sound, lights will flash, and the LCD pager remote will notify you with sound and vibration, displaying the type of trigger.

## 6.3. Anti-Hijacking Feature

In case of a hijacking, you can remotely shut off the motorcycle engine using the remote control. Refer to the remote's specific button combination for this advanced feature (usually a long press or combination of buttons).

## 7. MAINTENANCE

- **Remote Battery Replacement:** The LCD pager remote uses a standard battery (e.g., AAA or specific button cell). Replace the battery when the low battery indicator appears on the LCD screen or when remote range decreases significantly.
- **System Cleaning:** Keep the main control unit and siren free from dirt and moisture. Wipe with a dry cloth as needed.
- **Wiring Inspection:** Periodically inspect all wiring connections for signs of wear, corrosion, or looseness. Secure any loose connections and repair damaged insulation.
- **Sensor Sensitivity:** The shock sensor sensitivity may be adjustable on the main unit. Adjust as needed to prevent false alarms while ensuring adequate protection.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not arm/disarm.	Remote battery low; out of range; wiring issue.	Replace remote battery; move closer to motorcycle; check power and signal wiring.
False alarms.	Sensor sensitivity too high; loose mounting.	Adjust sensor sensitivity (refer to main unit instructions); re-secure main unit mounting.
Remote start not working.	Motorcycle not in neutral; alarm armed; wiring issue.	Ensure motorcycle is in neutral; disarm alarm first; check remote start wiring.
Poor remote range.	Weak remote battery; antenna obstructed/poorly positioned.	Replace remote battery; reposition antenna away from metal.

## 9. SPECIFICATIONS

- **Model:** SRT208
- **Brand:** Sykik
- **Maximum Range:** Up to 1 Mile (approx. 1.6 km)
- **Noise Level (Siren):** 125 dB
- **Sensors:** Motion, Tilt, Shock
- **Features:** 2-Way Communication, LCD Pager Remote, Remote Engine Start/Shut-off, Anti-Hijacking
- **Compatible Devices:** Harley Davidson, Honda, Suzuki, BMW, Yamaha, KTM, Indian, Victory, and other motorcycles.
- **Item Weight:** 10.2 ounces (approx. 289 grams)
- **Package Dimensions:** 7.76 x 5.94 x 2.01 inches (approx. 19.7 x 15.1 x 5.1 cm)

## 10. WARRANTY AND SUPPORT

---

This Sykik Rider 2-Way Motorcycle Alarm System is covered by **one-year parts and labor warranty** provided by SYKIK, a California corporation. For warranty claims or technical support, please contact Sykik customer service through their official website or the retailer where the product was purchased. For further assistance, please visit the [product page on Amazon](#) or the official Sykik website.

---