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# SRAM Hammerhead Karoo GPS Bike Computer

## INSTRUCTION MANUAL



### 1. Introduction

The SRAM Hammerhead Karoo GPS Bike Computer is an advanced cycling computer designed to provide comprehensive ride data, navigation, and connectivity. Featuring a vibrant touchscreen display and robust hardware buttons, it offers an intuitive user experience for cyclists of all levels. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Karoo device.

### 2. What's in the Box

Upon unboxing your SRAM Hammerhead Karoo GPS Bike Computer, please verify that all the following components are included:

- SRAM Hammerhead Karoo GPS Bike Computer Device
- 31.8mm Hammerhead Mounting System
- USB-C to USB-C Charging Cable
- Quarter-Turn Adapter
- Lanyard
- Quick Start Guide



Figure 2.1: The Karoo GPS Bike Computer displaying ride data and navigation.

### 3. Setup

### 3.1 Initial Device Setup

Upon first power-on, the Karoo will guide you through an initial setup process. This includes connecting to Wi-Fi, logging into your Hammerhead account, and syncing with third-party services like Komoot or Strava. Ensure a stable internet connection for a smooth setup.



Figure 3.1: The Karoo device displaying the controller setup screen, prompting the user to press a button on their cockpit.

### 3.2 Mounting the Device

The Karoo comes with a 31.8mm Hammerhead Mounting System. Securely attach the mount to your bicycle's handlebars. Ensure the mount is tightened appropriately to prevent movement during rides. If your handlebars are not 31.8mm, you may need an additional adapter (not included) to ensure a secure fit.

### 3.3 Connecting Sensors

The Karoo supports various sensors via ANT+ and Bluetooth. To pair a sensor, navigate to the 'Sensors' menu on the device. The Karoo's Android operating system allows for easy management of connected devices, including SRAM AXS components.

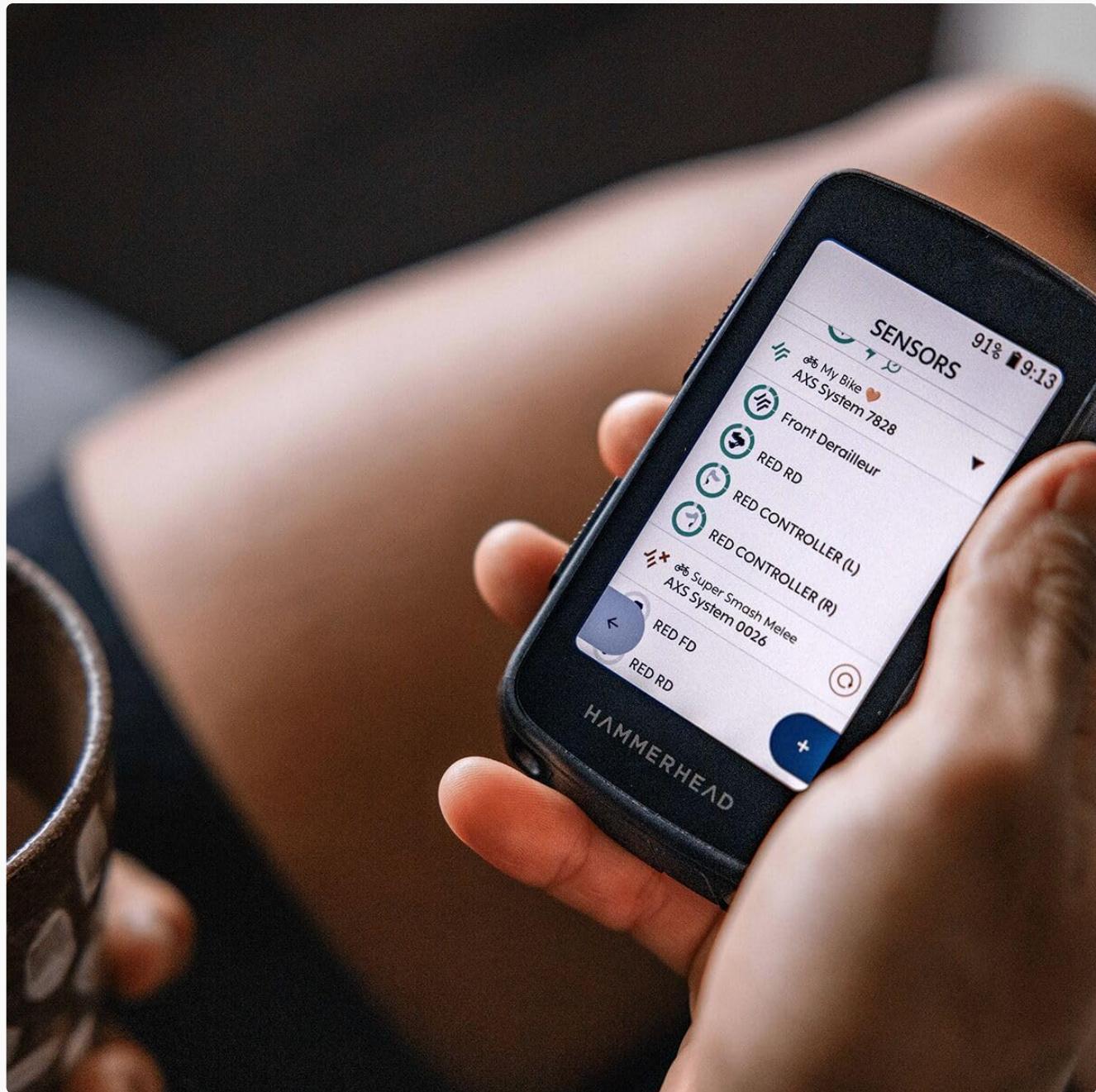


Figure 3.2: A hand holding the Karoo device, displaying a list of connected sensors such as Front Derailleur, RED Controller, and RED RD.

## 4. Operating

### 4.1 Display and Interface

The Karoo features a 3.2-inch LCD touchscreen display, offering colorful visualizations and intuitive configurations. You can interact with the device using the responsive touchscreen or the easy-to-use hardware buttons located on

the sides. The display is designed for optimal visibility in various light conditions.



Figure 4.1: A hand using the touchscreen interface of the Karoo device while mounted on a bicycle handlebar.

## 4.2 Navigation and Mapping

The Karoo utilizes multi-band GNSS technology for precise location tracking. It offers best-in-class maps and navigation, including free global maps. You can choose preferred surface-specific routing types (road, MTB, gravel) and benefit from instant route syncing from connected accounts. The device also features automatic climb detection, with or without a pre-loaded route.



Figure 4.2: The Karoo displaying a navigation route on a map along with various ride metrics such as time to destination, lap power, average speed, and normalized power.

#### 4.3 Performance and Battery Life

Equipped with 64GB of memory and 4GB of RAM, the Karoo ensures faster map rendering and overall responsive performance. The extended battery life provides up to 15 hours of operation, allowing for longer rides without frequent recharging.



Figure 4.3: The Karoo displaying real-time power output, cadence, and a detailed climb profile with gradient percentages.

## 5. Maintenance

### 5.1 Cleaning the Device

To clean your Karoo, gently wipe the screen and body with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the display and casing. Ensure the USB-C port cover is securely closed before cleaning to prevent water ingress.

### 5.2 Battery Care

For optimal battery longevity, avoid fully discharging the device frequently. Charge the Karoo using the provided USB-C cable. Store the device in a cool, dry place when not in use for extended periods.

## 6. Troubleshooting

### 6.1 Device Not Powering On

If your Karoo does not power on, ensure it is fully charged. Connect it to a power source using the USB-C cable and allow it to charge for at least 30 minutes before attempting to power it on again. If the issue persists, try a different USB-C cable and power adapter.

### 6.2 GPS Signal Issues

For accurate GPS tracking, ensure you are in an open area with a clear view of the sky. Tall buildings, dense tree cover, or indoor environments can interfere with GPS signal reception. Allow the device a few minutes to acquire a strong signal before starting your ride.

## 6.3 Connectivity Problems (Sensors/Wi-Fi)

If sensors are not connecting, ensure they are powered on and within range. Try re-pairing the sensor through the Karoo's sensor menu. For Wi-Fi issues, verify your network password and ensure the Karoo is within range of your Wi-Fi router. Restarting both the Karoo and your router can often resolve connectivity problems.

## 6.4 Handlebar Mount Compatibility

The included mounting system is designed for 31.8mm handlebars. If your handlebars have a different diameter (e.g., 35mm for some MTB bars), the supplied mount may not fit securely. You may need to purchase a compatible adapter from a third-party manufacturer to ensure proper and safe mounting.

## 7. Specifications

Feature	Specification
Brand	SRAM
Model Number	00.3018.396.001
Screen Size	3.2 Inches
Display Type	LCD
Battery Life	Up to 15 Hours
Sensor Type	GPS Sensor (Multi-band GNSS)
Connectivity Technology	USB, Wi-Fi, Bluetooth, ANT+
Human Interface Input	Touchscreen, Buttons
Internal Storage	64GB
RAM	4GB
Item Weight	14.4 ounces
Product Dimensions	8 x 5 x 3 inches
UPC	710845908262

## 8. Warranty and Support

For warranty information and technical support, please refer to the official SRAM website or contact SRAM customer service directly. Keep your proof of purchase for any warranty claims.

Visit the [SRAM Store](#) for more product information and resources.

