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› Sigma ROX 4.0 GPS Bike Computer User Manual

Sigma 1060

Sigma ROX 4.0 GPS Bike Computer User Manual

Model: 1060

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Sigma ROX 4.0 GPS Bike Computer. Please read this manual carefully to ensure optimal performance and longevity of your device.

SIGMA

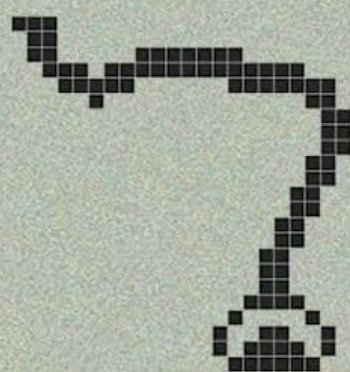


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ROX

Figure 1: Front view of the Sigma ROX 4.0 GPS Bike Computer.

1. SETUP

1.1 Physical Installation

The ROX 4.0 can be easily installed on your bike handlebar without requiring additional cables or sensors for basic operation. It fits handlebars with diameters of 31.8mm and 35mm.

1. Attach the GPS mount securely to your bike's handlebar.
2. Align the ROX 4.0 with the mount and twist to lock it into place.



Figure 2: Installation of the ROX 4.0 on a bike handlebar.

For optimal positioning, especially with short stems, the optional Overclamp Butler GPS mount (not included in basic package) can be used.

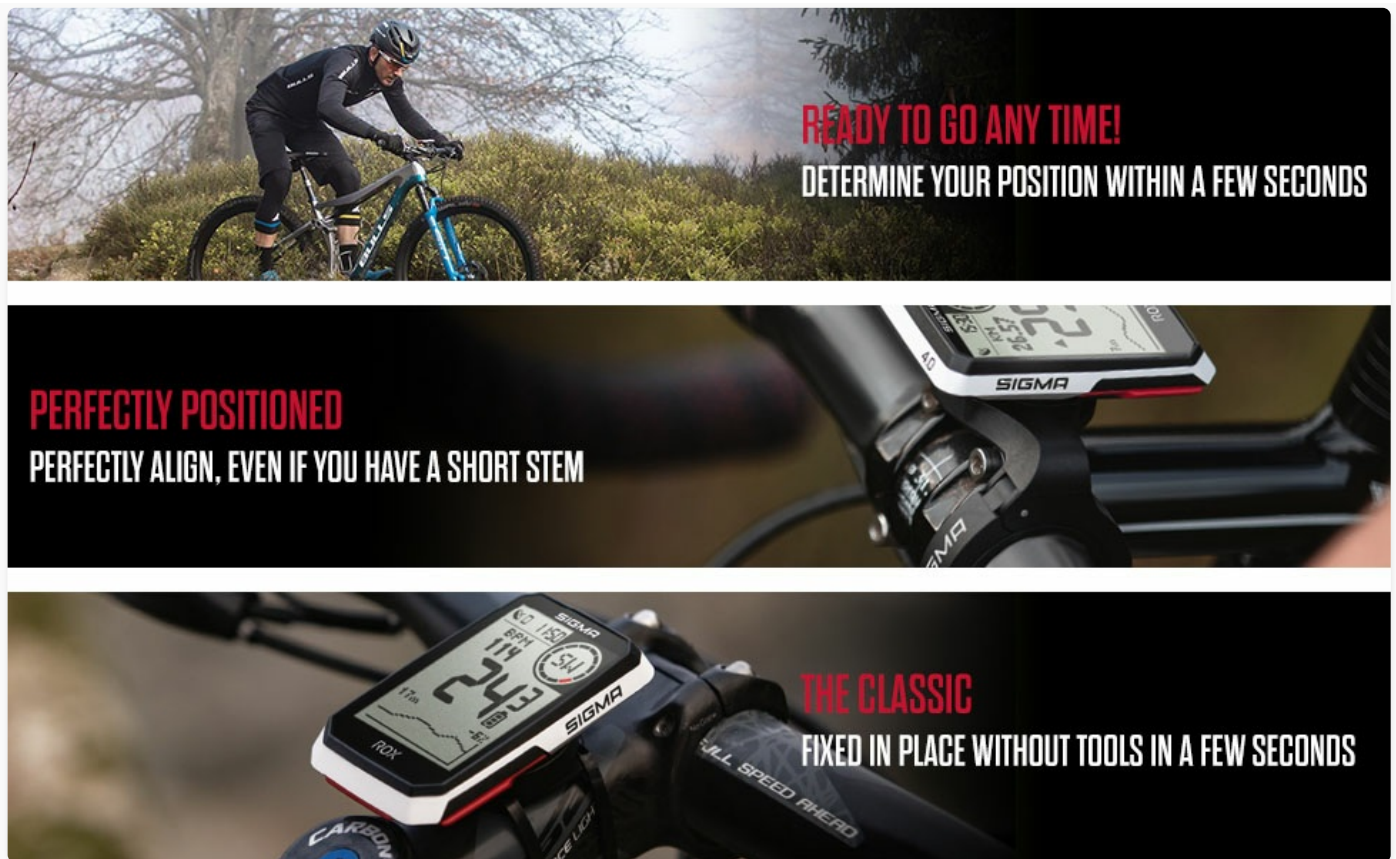


Figure 3: Various mounting options for the ROX 4.0.

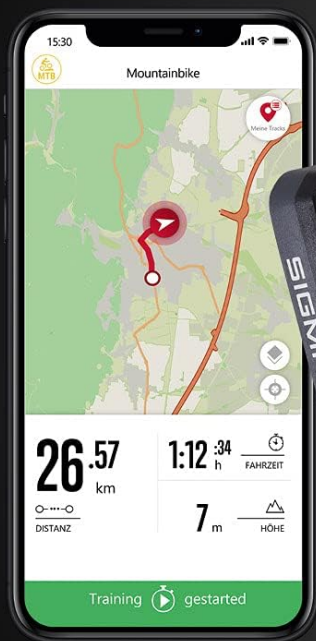
1.2 Initial Power On and App Connectivity

To begin using your ROX 4.0, power it on and connect it to the SIGMA RIDE app on your smartphone for personalized settings and data management.

1. Press and hold the power button to turn on the device.
2. Download and install the **SIGMA RIDE** app from your smartphone's app store.
3. Open the app and follow the on-screen instructions to pair your ROX 4.0 via Bluetooth.
4. Once connected, you can customize display views and manage training data within the app.



CONNECTIVITY



SPEED



CADENCE



HEART RATE

SMARTPHONE CONNECTIVITY



SIGMA RIDE APP

Figure 4: Connectivity options for the ROX 4.0.

Your browser does not support the video tag.

Video 1: Demonstrates how to connect the ROX 4.0 with the Komoot app for navigation features.

1.3 Sensor Pairing

The ROX 4.0 supports external sensors via ANT+ and BLE for measuring speed, heart rate, and cadence. Refer to your sensor's manual for specific pairing instructions.

1. Ensure your external sensors are in pairing mode.
2. On the ROX 4.0, navigate to the sensor pairing menu (refer to Section 2.1 for menu navigation).
3. Select the type of sensor you wish to pair and confirm the connection.

1.4 Altitude Calibration

The ROX 4.0 uses barometric readings for accurate altitude data. You can calibrate the altitude manually or allow the

device to use GPS for initial calibration.

1. From the main screen, press and hold the bottom button to enter the menu.
2. Navigate to "Altitude Calibration".
3. You can choose to calibrate using GPS or manually set a known altitude value.

Your browser does not support the video tag.

Video 2: Guide on performing altitude calibration for the Sigma ROX 4.0.



Figure 5: The ROX 4.0 uses an integrated air pressure sensor for precise altitude readings.

2. OPERATING

2.1 Basic Operation and Display

The ROX 4.0 features a 2.4" high-contrast display and is operated with three buttons. The display continuously shows current speed and time.

- **Top Button:** Used for navigating up in menus or changing display pages.
- **Middle Button:** Used for selecting options or confirming actions.
- **Bottom Button:** Used for navigating down in menus or accessing the main menu (press and hold).

The display includes a red circle in the top right corner for displaying training data, and values can be customized across up to six views, each with three data fields.

2.2 Navigation

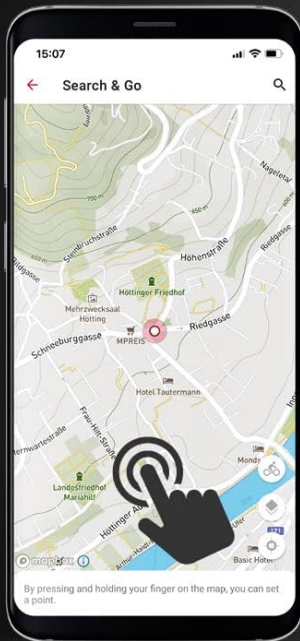
The ROX 4.0 provides navigation information and can integrate with the Komoot app for turn-by-turn guidance.

1. Ensure your ROX 4.0 is connected to the SIGMA RIDE app and the Komoot app on your smartphone.

2. Plan your route in the Komoot app.
3. The ROX 4.0 will display turn-by-turn directions and distance to the next turn.

NAVIGATION

SEARCH & GO



MY TRACKS



Figure 6: Navigation features with Komoot integration.

2.3 E-Bike Connectivity

The ROX 4.0 can connect to compatible e-bike systems to display relevant data.

- Current assist mode.
- Battery status.
- Light status and other e-bike specific data.



Figure 7: E-Bike compatibility of the ROX 4.0.

2.4 Smart Phone Notifications

When connected to your smartphone, the ROX 4.0 can display notifications for incoming calls and messages, allowing you to keep your phone safely in your pocket.

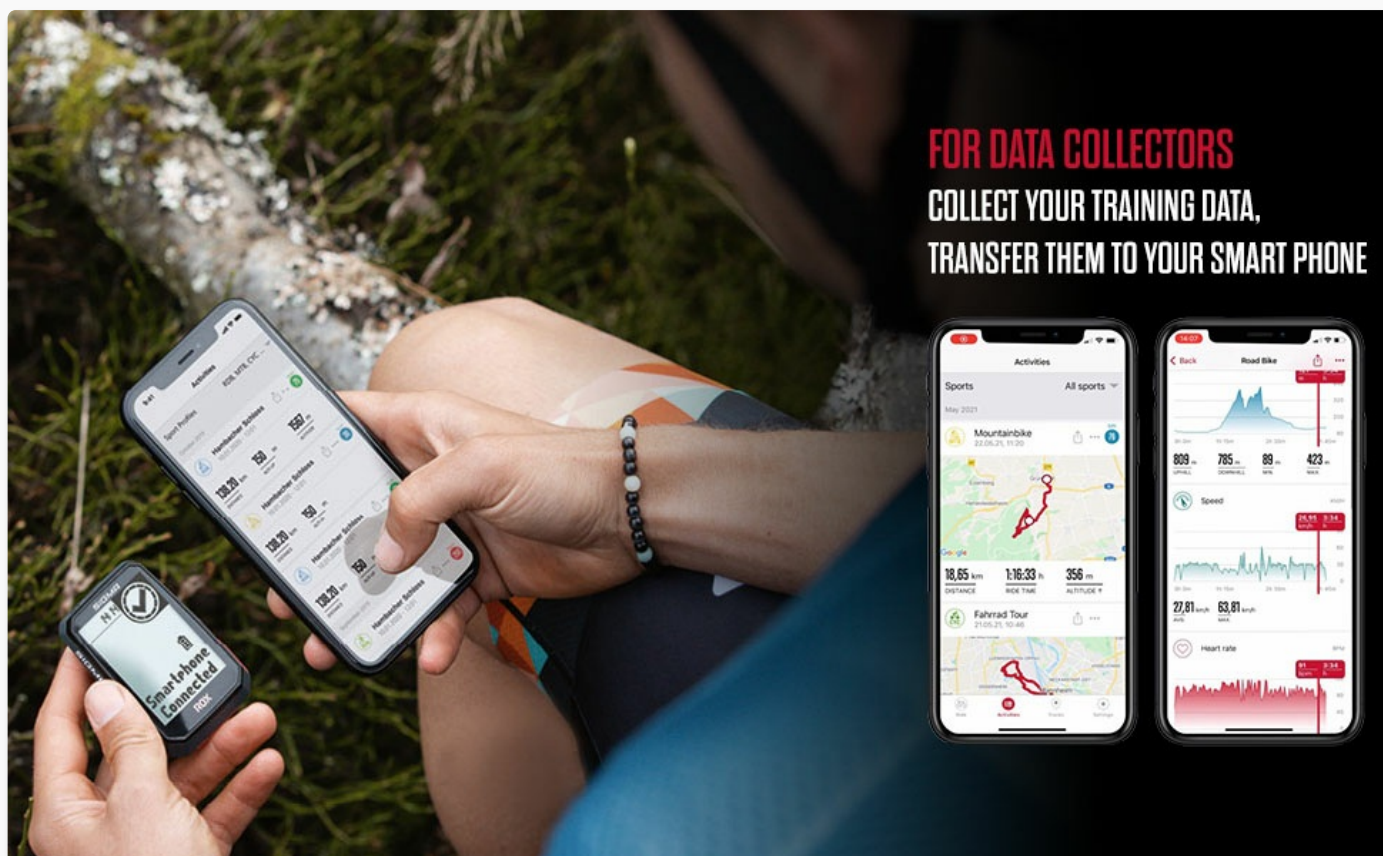


Figure 8: Notification feature on the ROX 4.0.

3. MAINTENANCE

3.1 Charging

The ROX 4.0 is equipped with a USB-C port for charging. Connect the device to a standard USB power source using the provided USB-C cable.



Figure 9: ROX 4.0 with its USB-C cable.

A full charge provides approximately 25 hours of battery life.

3.2 Cleaning

To clean your ROX 4.0, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the display or casing.

3.3 Water Resistance

The ROX 4.0 is IPX7 water resistant, meaning it can withstand immersion in water up to 1 meter for 30 minutes. It is suitable for use in rain and wet conditions, but not for prolonged submersion.

4. TROUBLESHOOTING

- **Device not turning on:** Ensure the device is fully charged. Connect it to a power source and allow it to charge for at least 30 minutes before attempting to power on again.
- **GPS signal loss/inaccuracy:** Ensure you are in an open area with a clear view of the sky. Tall buildings, dense forests, or tunnels can interfere with GPS reception. Allow the device a few minutes to acquire a strong signal.

- **Bluetooth connectivity issues:**

- Ensure Bluetooth is enabled on both your ROX 4.0 and your smartphone.
- Restart both devices.
- Forget the device in your phone's Bluetooth settings and re-pair through the SIGMA RIDE app.
- Ensure the SIGMA RIDE app is updated to the latest version.

- **Display not responding:** If the display freezes or becomes unresponsive, try performing a soft reset by pressing and holding all three buttons simultaneously for 10-15 seconds until the device restarts.

- **Incorrect altitude readings:** Perform an altitude calibration as described in Section 1.4. Ensure you are in an area with a known altitude for manual calibration, or allow GPS to acquire a stable signal.

5. SPECIFICATIONS

Feature	Specification
Brand	Sigma
Model Name	CVC1643 (Internal Model: 1060)
Color	Black
Product Dimensions (LxWxH)	1.77"L x 0.72"W x 2.9"H
Item Weight	51 Grams
Screen Size	2.4 Inches
Display Type	LCD color display
Battery Life	25 Hours
Sensor Type	GPS Sensor, Speed Sensor, Cadence Sensor, GLONASS Sensor, Ambient Light Sensor, Heart Rate Sensor
Connectivity Technology	USB, ANT+, BLE
International Protection Rating	IPX7
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Material	Acrylonitrile Butadiene Styrene (ABS)

6. WARRANTY

The Sigma ROX 4.0 GPS Bike Computer comes with a **2 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Sigma Sport website or contact customer support.

7. SUPPORT

For further assistance, frequently asked questions, or to access additional resources, please visit the official Sigma Sport website:

www.sigmasport.com

You can also visit the [Sigma Store on Amazon](#) for product information and accessories.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question