SHANREN

MiLES

Manual

v 1.0

Features

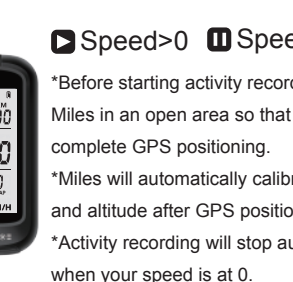|		
• Power Estimation	• Laps	• Auto Sync with StravaTrip
• Power Data	• Auto Track Download	• Storage
• GPS Tracking	• Clock	• Save Mode
• Speed	• Bluetooth / ANT+	• Battery Indicator
• Cadence	• Taillight Control & Sync	• Battery Level
• Heart Rate	• Customizable Display	• Loop Page Switching
• Elevation	• USB/BLE Transfer	• LCD Backlight
• Slope	• Firmware Update	• Full Color LED Indicator
• Distance	• Data Analysis	• Track Data Replay
• Cycling Time	• Temperature	• Bicycle Type

LCD Display

Power On / Off

Press and hold the ⏻ button for over 2 seconds to turn on/off the Miles bike computer.

Start / Stop Activity Recording

Press and hold the ▶ button for over 2 seconds to start/stop activity recording.

▶ Speed>0   ⏸ Speed=0

*Before starting activity recording, place Miles in an open area so that it can complete GPS positioning.

*Miles will automatically calibrate time and altitude after GPS positioning.

*Activity recording will stop automatically when your speed is at 0.

Works with Smart Tail Light Raz Pro

With Miles, you get to easily control your Raz Pro tail light right from the handlebar. Pair Raz Pro with Miles in just a few quick steps.

⇄ = Raz Pro

Power Meter Metrics

Miles is compatible with power meters that display power and receive data via ANT+. When a power meter is paired with Miles, you will see the power metrics on the power meter displays.

Power   NP Power   L-R Balance

Power Estimation

Without a power meter, Miles will estimate power with a dedicated algorithm. There are several key factors that affect the accuracy of power estimation, so it is highly recommended to pair Miles with a cadence sensor and fill in all the relevant information in the app.

Weight

Weight
60

Cadence Sensor

Pair with Raz Pro

Press and hold the ▶◀ and ◀▶ button at the same time for over 2 seconds to enter pairing mode.

Press ◀▶ button to switch to a different sensor. Select "06".

Press the ▶ button to start pairing.

Turn Tail Light On/Off

Press and hold the ▶◀ button for over 2 seconds to turn on/off the tail light.

LED Indicator

Miles + Raz Pro Sync LED Light

The LED indicator on Miles lights up in perfect sync with Raz Pro: in the same color and lighting mode. The LED will signal when you break.

Activity Records Download and Display

Via USB Port

Connect the Miles bike computer to PC via a USB data cable, and the screen of Miles will display the word 'USB'. A read-only U disk will appear on PC. We can copy the fit file directly from the U disk, open it with third-party software or upload it to a third-party platform such as Strava.

Via Shanren Sport App

Connects Miles bike computer with Shanren Sport App, and downloads the fit files from Miles bike computer to the App and display them.
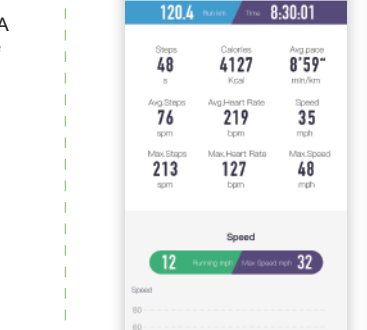
Download Tracks from Miles Main Unit	Upload Tracks onto Server

Data Analysis/ Syncs with Strava

Remarks

Share

Upload to Strava

Share FIT file

Customize Display

Miles offers limited customize screen,you could change some of data in LCD display via shanren Sport App.

Moving Time — Trip Distance
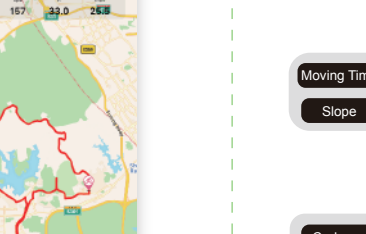
Slope — Elevation

Cadence — Heart Rate

Power — NP Power

L-R Balance — L-R Balance

Choose What to See On the Display

Press the ◀▶ button to switch between different data types.

Screen one	Screen two	Screen three
Default: time, distance, cadence, heart rate.	Default: Slope, elevation, power, normalized power.	Default: cycling time, distance, left/right balance (paired with power meter).

Lap Count

Press the ● button to start counting laps. Once activity recording is done, one lap will be added automatically.

Press the ● button to count a lap

Press the ▶◀ button to switch between current, average and max values.

Current speed, current / Avg. / Max, power, left/right balance.

Average speed, cadence, heart rate, power, left/right balance.

Max speed, cadence, heart rate, power.

Turn on Loop Page-Switching

Miles data pages will be shown on a continuous loop at 6-second intervals without requiring user interaction. Toggle off Loop Page-Switching to go back to switching between screens via Miles keypad.
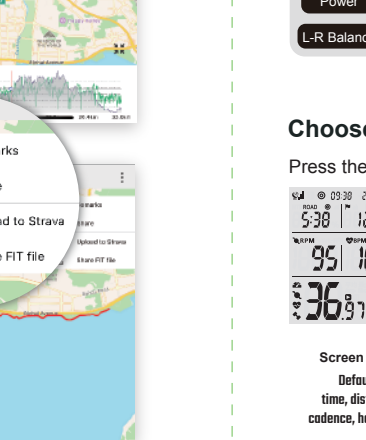
Loop Page-Switching

Customize Display

Turn On/Off Backlight

Press the ▶◀ and ◀▶ buttons at the same time to turn on/off the backlight.

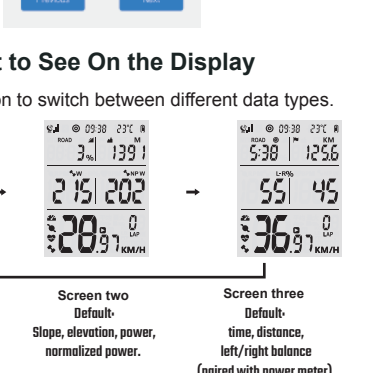## Sensor Pairing

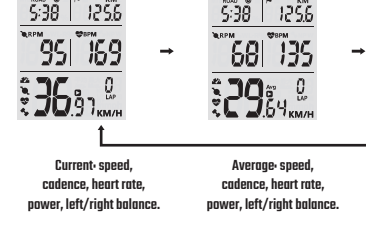Press and hold the ▶◀ and ◀▶ buttons for over 2 seconds to enter pairing mode.

Press the ◀▶ button to switch between sensor types.

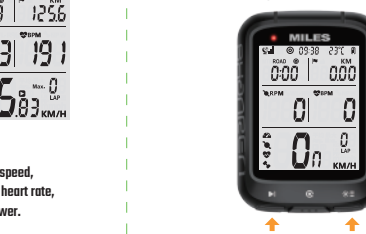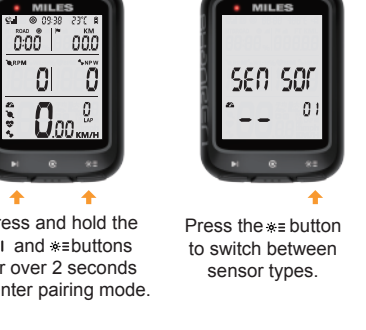Press the ▶◀ button to start pairing.

Sensor paired successfully.

Supported Sensors

Power Meter

Raz pro Taillight

Speed Sensor

Cadence Sensor

HR Monitor

Note:
1. If sensor pairing fails, original pairing data will be erased.
2. Press the ◄l button to stop the pairing process.

Sensor pairing selection	ANT+	BLE
✪ 01 Speed Sensor	✔	✔
✪ 02 Cadence Sensor	✔	✔
✪ 03 Speed & Cadence Sensor	✔	✔
♥ 04 Heart Rate Sensor	✔	✔
✪ 05 Power Meter	✔	
✪ 06 Raz Pro Smart Tail Light	✔	

ANT+ sensor and BLE sensor

When a sensor is paired successfully, you will see an indicator at the top of the screen labeling this sensor as ANT + or BLE.

Sensor type: ANT+   Sensor type: BLE

Parameter Settings

You can set the parameters for Miles via the Shanren Sport App. If Miles is not paired with the app, you can also set the parameters directly on the bike computer.
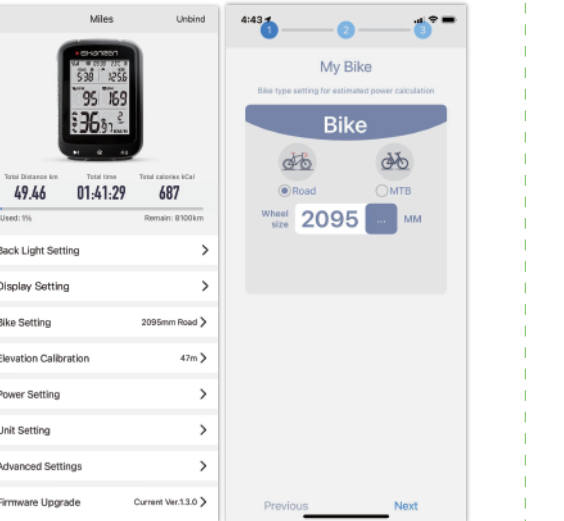
How to start Parameter Setting

1.Press and hold the ►◄ and ◄► buttons at the same time for over 2 seconds to enter pairing mode.
2.Press the ◄► button to go through sensor pairing steps until you see CONFIG displayed on the screen.

01.Wheel Circumference Setting

Press the ►l button to make changes.   Press the ◄► button to confirm/jump to the next setting.

02.Speed / Distance Unit Setting

Press the ►l button to switch between units.   Press the ◄► button to confirm and jump to the next setting.

03.Weight Setting

Press the ►l button to make changes.   Press the ◄► button to confirm/jump to the next setting.

04.Temperature Unit Setting

Press the ►l button to switch between℃ and ℉.   Press the ◄► button to confirm and jump to the next setting.

05.Bike Type Setting

Press the ►l button to switch between ROAD/MTB.   Press the ◄► button to confirm/jump to the next setting.

06.GPS On/Off Setting

Press the ►l button to turn GPS on/off.   Press the ◄► button to confirm and jump to the next setting.

07.Buzzer Setting

Press the ►l button to switch the buzzer on/off.   Press the ◄► button to confirm/jump to the next setting.

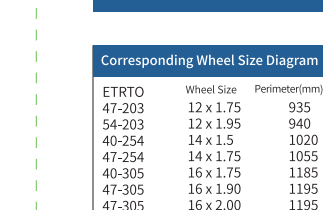## 08.FTP Setting

Press the ►l button to make changes.   Press the ◄► button to confirm/jump to the next setting.

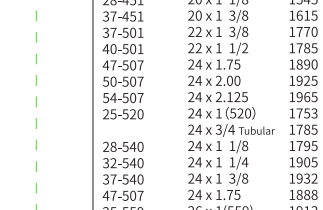## 09.Time Zone Setting

Press the ►l button to change a time zone.   Press the ◄► button to confirm/jump to the next setting.

10.Clock Setting

Press the ►l button to make changes.   Press the ◄► button to change hours, minutes/exit.

Find your wheel size

Corresponding Wheel Size Diagram		Wheel Size	Perimeter(mm)

How to Install Miles

Specification

Name:	Miles GPS Bike Computer
Model:	SR-8C40
Connectivity:	Hybrid BLE/ANT+
Bluetooth Sensors:	Heart Rate/Speed/Cadence
ANT+ sensors:	Heart Rate/Speed/Cadence/Power Meter
Positioning system:	GPS, Glonass, BDS, QZSS
Data transfer:	Bluetooth / USB Cable
Battery:	Rechargeable Battery
GPS working time:	25 hrs
Screen size:	2.1 inches
Waterproof:	IPX7
Weight:	65g

What's in the Box